

SKYLAB 4

PHOTOGRAPHIC INDEX
AND
SCENE IDENTIFICATION

REPORT NUMBER

JL12-603

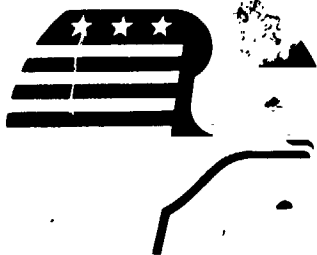
DATE

June 1974

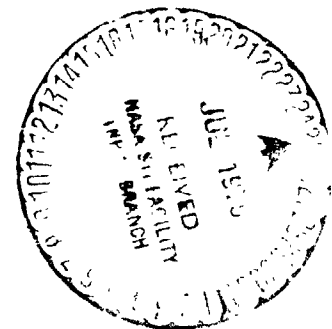
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National Aeronautics and Space Administration
LYNDON B. JOHNSON SPACE CENTER
Houston, Texas



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June 1974

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| | | | | | |

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INTRODUCTION

This document has been prepared as a "quick reference guide" to the photographic imagery obtained on Skylab 4. Place names and descriptors used give sufficient information to identify frames for discussion purposes and are not intended to be used for ground nadir or geographic coverage purposes.

SECTION 1

70mm Hasselblad
(Earth-Looking)

SKYLAB 4

NOVEMBER 16, 1973 - FEBRUARY 8, 1974

PHOTOGRAPHIC IDENTIFICATION LIST

70-MM HASSELBLAD CAMERA

Earth-Looking Photography

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NOTE: Photographic quality, look angle, cloud cover, or haze are not specifically evaluated. Users should inspect transparencies prior to ordering prints. The list is intended to provide the user with a general location and the photographic subject.

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-47(136) CAMERA Hasselblad LENS 100-mm FILM TYPE SO-368DESCRIPTION Ektachrome, MS WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-136-3380 | Mali, Upper Volta, Niger R., False Delta, Lac Niangaye |
| 2 | 3381 | " " " Lac Niangaye, Yatenga Area |
| 3 | 3382 | " " " Niger R., False Delta, Mopti |
| 4 | 3383 | Blank |
| 5 | 3384 | " |
| 6 | 3385 | Mexico, Baja Calif., Sierra Vizcaino, Laguna Ojo De Liebre |
| 7 | 3386 | Ecuador, Galapago Is., Islas Isabela, San Salvador & Santa Cruz |
| 8 | 3387 | " " " " " " " " " " " |
| 9 | 3388 | Large Vortex, South Central Pacific, Approx. 50°S 170°W |
| 10 | 3389 | Overexposed, China (Sinkiang), Taklamakan Desert, Tarim R. |
| 11 | 3390 | " " " " " " " " " " |
| 12 | 3391 | India, Tibet, Burma, Bhutan, Brahmaputra R., Himalaya Mts. |
| 13 | 3392 | " " Bhutan, Bangladesh, Brahmaputra R., Himalaya Mts. |
| 14 | 3393 | China (Yunan), N. Vietnam, Kochiu, Yuan (Red) R., Shihping |
| 15 | 3394 | Australia (No. Terr.) Port Darwin, Melville I., Van Dieman Gulf |
| 16 | 3395 | " " " Daly R., Roper R. |
| 17 | 3396 | " " " Barkly Tableland |
| 18 | 3397 | " " " " " |
| 19 | 3398 | " " " Queensland, Great Australian Basin |
| 20 | 3399 | New Zealand, South I., Southern Alps, Mt. Cook |
| 21 | 3400 | " " " " " " Lake Wakapipi |
| 22 | 3401 | " " " " " " Mt. Cook |
| 23 | 3402 | " " " " " " The Remarkables |
| 24 | 3403 | " " " " " " Fjorland Nat. Park, Dusky Sound |
| 25 | 3404 | " " " " " " Tasman Bay, Cape Farewell |
| 26 | 3405 | Mich., Ohio, Ontario, Detroit, Cleveland, Lake Erie, Lake Huron |
| 27 | 3406 | Calif., San Francisco Bay, Point Reyes, Half Moon Bay |
| 28 | 3407 | " Point Concepcion, St. Barbara Channel, Channel Is. |
| 29 | 3408 | " Long Beach, San Clemente, Santa Catalina, San Nicolas Is. |
| 30 | 3409 | Mexico, (Sonora), Sea of Cortez, Tiburon I. |
| 31 | 3410 | " " Guymas, Sea of Cortez, Obregon Res. |
| 32 | 3411 | Argentina, Chile, Andes, Lago Videma, Lago Argentino, Fjords |
| 33 | 3412 | " " " " " " " " " " |
| 34 | 3413 | " " " " " " " " " " |
| 35 | 3414 | " " " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 76 | SL4-136-3455 | Australia (No. terr.-Queensland) Cloncurry Plateau, Berkly Tableland |
| 77 | 3456 | " Queensland, Selwyn Range, Cloncurry Plateau |
| 78 | 3457 | " " Great Australian Basin, Lake Yamma Yamma |
| 79 | 3458 | " " New S. Wales, Darling R. Basin |
| 80 | 3459 | " Tasmania, Brass Strait, Wilsons Promontory |
| 81 | 3460 | New Zealand, South I., Cook Strait, North I., looking W. |
| 82 | 3461 | " " " " Christchurch, Southern Alps |
| 83 | 3462 | " " " " Cook Strait, North I., Wellington |
| 84 | 3463 | " " " " Christchurch, Southern Alps |
| 85 | 3464 | " " " " Canterbury Bight, Mt. Cook |
| 86 | 3465 | " " " " Timaru, Lake Wanaka |
| 87 | 3466 | " " " " Cook Strait, North I., Wellington |
| 88 | 3467 | " " " " Christchurch, Southern Alps |
| 89 | 3468 | " " " " " " |
| 90 | 3469 | " " " " Timaru, Canterbury Bight, Mt. Cook |
| 91 | 3470 | Colorado, Denver, Front Range, Snow Cover, Underexposed |
| 92 | 3471 | " Kansas, Arkansas R., Snow Cover, Underexposed |
| 93 | 3472 | Tex., Dallas, Ft. Worth, Waco, Kilkern, Brazos R. |
| 94 | 3473 | " Houston, Galveston Bay, Johnson Space Center |
| 95 | 3474 | " La., Galveston Bay, Houston, Sabine Lake, Lake Charles |
| 96 | 3475 | La., Vermillion Lake, Bayou Teche, Smoke trails 200 miles long, |
| 97 | 3476 | Cuba, Pen. De Zapata, Bahia Cochinos, Arch. De Los Canarreos, |
| 98 | 3477 | Colombia, Rio Guaviare |
| 99 | 3478 | Clouds, Pacific O. off S. California |
| 100 | 3479 | Calif. Baja Calif., San Diego, Long Beach, Ensenada |
| 101 | 3480 | " " " " " " Ensenada, Cabo San Quintin |
| 102 | 3481 | Baja Calif., Ensenada, Cabo San Quintin, Punta Baja |
| 103 | 3482 | Clouds, inter-tropical convergence zone, Pacific off Central America |
| 104 | 3483 | " " " " " " " " " " |
| 105 | 3484 | " " " " " " " " " " |
| 106 | 3485 | " " " " " " " " " " |
| 107 | 3486 | Ecuador, Galapago Is., Vortex |
| 108 | 3487 | Clouds, intertropical convergence zone, Pacific off Peru |
| 109 | 3488 | " " " " " " " " " " |
| 110 | 3489 | " Pacific O. 2,000 miles west of Peru |
| 111 | 3490 | " near Juan Fernandez Is. |
| 112 | 3491 | Argentina, Chile, Patagonia, Deseado R., Lake Buenos Aires |
| 113 | 3492 | South Atlantic O., Falkland current, Plankton Blooms |
| 114 | 3493 | " " " " " " " " " " |
| 115 | 3494 | " " " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 116 | SL4-136-3495 | Clouds, Pacific O. off Chile |
| 117 | 3496 | Argentina, Cabo Dos Bahias, Cabo Tres Puntas |
| 118 | 3497 | South Atlantic Storm |
| 119 | 3498 | Unique cloud patterns over S. Pacific W. of Chile |
| 120 | 3499 | " " " " " " " " " " |
| 121 | 3500 | China, Burma, Shalulrshan, Tahsuehshan, Yangtze R., Mekong R. |
| 122 | 3501 | Australia (Queensland) Gulf of Carpentaria, Mornington I., Wellesley Is |
| 123 | 3502 | Cloud front, Indian O., terminator |
| 124 | 3503 | Colombia, Venezuela, Guajira Pen., Gulf of Venezuela |
| 125 | 3504 | Chile, Argentina, Archipelago De Los Chonos, Patagonia, Gulf San Jorge |
| 126 | 3505 | " " Pen. Taitao, Lago Buenos Aires, Patagonia, |
| 127 | 3506 | " " Gulfo De Penas, Patagonia, Fjorda, Glaciers |
| 128 | 3507 | " " Lago Argentino, Lago Viedma |
| 129 | 3508 | Argentina, Puerto Deseado, Deseado R., Patagonia |
| 130 | 3509 | S. Atlantic O., Plankton Blooms off Argentina |
| 131 | 3510 | Argentina, Chile, Patagonia, Rawson, Gulfo San Matias |
| 132 | 3511 | " " Ipen De Valdes, Patagonia |
| 133 | 3512 | " " " " " " " " " " |
| 134 | 3513 | Mid-South Pacific Storm, 50°S lat. |
| 135 | 3514 | " " " " " " " " " " |
| 136 | 3515 | " " " " " " " " " " |
| 137 | 3516 | " " " " " " " " " " |
| 138 | 3517 | " " " " " " " " " " |
| 139 | 3518 | " " " " " " " " " " |
| 140 | 3519 | South east Pacific Storm, 50°S lat. |
| 141 | 3520 | " " " " " " " " " " |
| 142 | 3521 | " " " " " " " " " " |
| 143 | 3522 | New Zealand, South I., Fjordland Nat. Park, Stewart I. |
| 144 | 3523 | " " " " " " " " " " |
| 145 | 3524 | Pacific O. off Chile, Plankton Blooms |
| 146 | 3525 | " " " " " " " " " " |
| 147 | 3526 | Chile, Constitucion, Rio Maule |
| 148 | 3527 | " Argentina, Strait of Magellan, Tierra Del Fuego |
| 149 | 3528 | " " " " " " " " " " |
| 150 | 3529 | New Zealand, South I., looking South |
| 151 | 3530 | " " " " " " " " " " |
| 152 | 3531 | " " " " " " " " Christchurch |
| 153 | 3532 | " " " " " " " " " " |
| 154 | 3533 | Clouds over Mid-South Atlantic |
| 155 | 3534 | Chile, Argentina, Isla Chiloe, Andes, Fjords |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 156 | SL4-136-3535 | Chile, Argentina, Andes, Fjords, Patagonia |
| 157 | 3536 | S. Atlantic O., Farland current, Plankton Blooms |
| 158 | 3537 | " " " " " " " " |
| 159 | 3538 | " " " " " " " " |
| 160 | 3539 | Storm West of Chile, South East Pacific |
| 161 | 3540 | Fiji Is., Viti Levu |
| 162 | 3541 | Tropical Storm South of Tonga, South Pacific O. |
| 163 | 3542 | " " " " " " " " |
| 164 | 3543 | " " " " " " " " |
| 165 | 3544 | " " " " " " " " |
| 166 | 3545 | " " " " " " " " |
| 167 | 3546 | " " " " " " " " |
| 168 | 3547 | " " " " " " " " |
| 169 | 3548 | " " " " " " " " |
| 170 | 3549 | " " " " " " " " |
| 171 | 3550 | " " " " " " " " |
| 172 | 3551 | Cyclone, 1,500 miles W. of Chile |
| 173 | 3552 | Indonesia, Celebres I., Makasar, Kabia I., Tebuk Bone, Banda Sea |
| 174 | 3553 | " " " " " " " " |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-17(137) CAMERA Hasselblad LENS 100-mm FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-137-3554 | Fiji Is., Vanua Levu, Eastern Lau Group Atolls |
| 2 | 3555 | " " Atolls of Eastern Lau Group |
| 3 | 3556 | " " " " " " |
| 4 | 3557 | Tonga Is. |
| 5 | 3558 | SE of Tonga Is. |
| 6 | 3559 | Australia (N. Terr.) Coastal Plain, Barkly Tableland |
| 7 | 3560 | " " " Barkly Tableland |
| 8 | 3561 | " " " " " |
| 9 | 3562 | " " " " Playford Lake |
| 10 | 3563 | " (Queensland) Great Australian Basin |
| 11 | 3564 | " Unique sunglint near Kangaroo I., (S. Aust.) |
| 12 | 3565 | Storm, S. Pacific O., 2,000 mi. E of New Zealand |
| 13 | 3566 | Unique clouds, Terminator near New Zealand |
| 14 | 3567 | Clouds over S. Indian O. |
| 15 | 3568 | Burma, Gangladesh, India, Bay of Bengal, Hunter's Bay, Cheduba I., fog |
| 16 | 3569 | Java, Murjo Volcano, Semarang, Lawu Volcano |
| 17 | 3570 | " Surabaya, Madura I., Selat Madura, Malang, Semaru Volcano |
| 18 | 3571 | " Morjo, Slamet, Lawu Volcanos, Jogjakarja, Tjirebon |
| 19 | 3572 | Australia (S. Aust.), Eyre Pen., Streaky Bay, Investigator I. |
| 20 | 3573 | " " " " Cape Catastrophe, Spencer Gulf |
| 21 | 3574 | " " " Adelaide, St. Vincent Gulf, Kangaroo I., Yorke Per |
| 22 | 3575 | " " " Victoria, Encounter Bay, Murray R., The Coorong |
| 23 | 3576 | " " " Discovery Bay, Cape Nelson, Mt. Gambier |
| 24 | 3577 | " (Victoria-S. Aust.) Lake Corangamite, Great Divide Range |
| 25 | 3578 | " " Melbourne, Port Phillip Bay, Australian Alps |
| 26 | 3579 | " " " N. South Wales, Melbourne, Murray R. Aust. Alps |
| 27 | 3580 | " " " Wilson's Promontory, Furneaux I., Lake Wellington |
| 28 | 3581 | " Tasmania, Devonport, Hobart, Great Lake, Storm Bay |
| 29 | 3582 | " " " Hobart, Storm Bay, Oyster Bay, Great Lake |
| 30 | 3583 | " " " " " " " Southeast Cape |
| 31 | 3584 | Ethiopia, Yeman, F. Somaliland-Somali, Afar Rifts, Danakil, overexposed |
| 32 | 3585 | " " " " " Red Sea, " " |
| 33 | 3586 | " Yeman " " " Afar Rifts, " " |
| 34 | 3587 | Brazil, Rio Grande, Uber Aba |
| 35 | 3588 | " (Matto Grosso-Sao Paulo), Rio Parana |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 36 | SL4-137-3589 | S. Atlantic O. near Falkland Is., Plankton Blooms |
| 37 | 3590 | " " " " " " " " |
| 38 | 3591 | " " " " " " " " |
| 39 | 3592 | Clouds, Mid-South Atlantic O. |
| 40 | 3593 | " " " " " " " " |
| 41 | 3594 | Philippines, overexposed, Mindanao, Davao Gulf, Cape San Agustin |
| 42 | 3595 | " " " " " " " " |
| 43 | 3596 | Earth limb at sunrise |
| 44 | 3597 | " " " " " " " " |
| 45 | 3598 | Tropical storm, S. Central Pacific, 40°S |
| 46 | 3599 | " " " " " " " " |
| 47 | 3600 | " " " " " " " " |
| 48 | 3601 | " " " " " " " " |
| 49 | 3602 | Bolivia, Peru, Lake Titicaca, Lapaz, Cordillera Real, Altiplano |
| 50 | 3603 | " " " " " " " " |
| 51 | 3604 | " Lake Poopo, Altiplano, Oruro, Cochabamba |
| 52 | 3605 | " Chile, Salar De Uyuni, Cordillera Occidental, Salar Coipasa |
| 53 | 3606 | " Peru, Lago Poopo, Lago Titicaca, Andes, Looking NW |
| 54 | 3607 | Argentina, Chile, Looking SW across Pampas, Andes to Pacific |
| 55 | 3608 | S. Atlantic O., Falkland current, Plankton Blooms |
| 56 | 3609 | " " " " " " " " |
| 57 | 3610 | Chile, Argentina, Fjords, Archipelago De Los Chonos |
| 58 | 3611 | Argentina, Pampas, Buenos Aires Department |
| 59 | 3612 | Australia (W. Aust.) Cape Bougainville, Admiralty Bay, King Edward R. |
| 60 | 3613 | " N. Terr. Simpson Desert |
| 61 | 3614 | " S. Aust. Lake Eyre N (-29'), Lake Eyre Basin |
| 62 | 3615 | New Zealand, South I., Sound End, Lake Wakatipu, Dunedin, |
| 63 | 3616 | " " " " " " Dunedin, Invercargill |
| 64 | 3617 | " " " " " " Dunedin, Waitaki R., Lake Pukaki, Oamaru |
| 65 | 3618 | Australia (W. Aust.) Lake Moore, Lake Deborah, Southern Cross |
| 66 | 3619 | " " " Lake Deborah, Southern Cross |
| 67 | 3620 | " " " Perth, Fremantle, Swan R., Darling Range |
| 68 | 3621 | " " " Cheyne Bay, Lake Grace, Lake Lockhart |
| 69 | 3622 | " " " Doubtful I. Bay, Lake Magenta, Johnson Lakes |
| 70 | 3623 | " " " Cheyne Bay, Sterling Range, Lake King |
| 71 | 3624 | " " " Geographe Bay, Darling Range, Cheyne Bay, Albany |
| 72 | 3625 | " " " Johnson Lakes, Hopetown, Doubtful I. Bay |
| 73 | 3626 | " " " Cheyne Bay, Albany, Sterling Range |
| 74 | 3627 | " " " Esperance, Recherche Arch., Cape Arid |
| 75 | 3628 | " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 76 | SL4-137-3629 | Australia (W. Aust.), Cape Pasley, Eucla Basin, Esperance |
| 77 | 3630 | " " " Twilight Cove, Scorpion Bight, Eucla Basin |
| 78 | 3631 | Unique cloud wake, probably Diego Alvarez (Gough) Island |
| 79 | 3632 | " " " " " " " " |
| 80 | 3633 | " " " " " " " " |
| 81 | 3634 | Falkland current, Plankton Blooms |
| 82 | 3635 | " " " " " |
| 83 | 3636 | " " " " " |
| 84 | 3637 | Very large ice islands & bergs, North of S. Georgia I. |
| 85 | 3638 | New Zealand, North I., North Cape, Doubtless Bay |
| 86 | 3639 | " " " " Auckland, Hauraki Gulf |
| 87 | 3640 | " " " " Lake Taupo, Cook Strait, Mt. Egmont |
| 88 | 3641 | " " " " Hawke Bay, Napier, Bay of Plenty, Lake Taupo |
| 89 | 3642 | " " " " Cape Runaway, Bay of Plenty |
| 90 | 3643 | " " " " Hawke Bay, Cape Kidnappers, Gisborne |
| 91 | 3644 | " " " " " " Cape Turnagin, Wanganu |
| 92 | 3645 | " " " " South I., Cook Strait, Wellington |
| 93 | 3646 | " " " " " " Blenheim, Cook Strait |
| 94 | 3647 | " " " " Wellington, Cape Turnagin, Cape Palliser |
| 95 | 3648 | " " South I., Banks Pen. only |
| 96 | 3649 | Pacific O., 200 mi. E of New Zealand |
| 97 | 3650 | " " Chatham I. |
| 98 | 3651 | " " N. of Chatham I. |
| 99 | 3652 | Chatham I., Pitt I. |
| 100 | 3653 | Unique cloud wakes at Duckland I., 300 mi. S. of New Zealand |
| 101 | 3654 | " " " " Campbell, 400 mi., S. of New Zealand |
| 102 | 3655 | Antipodes Is., 400 mi. SE of New Zealand |
| 103 | 3656 | Unique cloud formations, 1,000 mi. E. of New Zealand |
| 104 | 3657 | New Zealand, South I., Christchurch, Southern Alps, Mt. Cook |
| 105 | 3658 | " " " " North I., Wellington, Christchurch |
| 106 | 3659 | " " " " " " " " Blenheim, Cook Strait |
| 107 | 3660 | Icebergs, Mid-South Atlantic O., NE of S. Georgia I. |
| 108 | 3661 | SW Africa, Skeleton Coast, Namib Desert, Brand Berg at Sunset |
| 109 | 3662 | " " " " " " Walvis Bay " " |
| 110 | 3663 | Australia (N.Terr) Berkly Tableland, Arnhem Land |
| 111 | 3664 | " " " " Gulf of Carpentaria, Groote I., Blue Mud Bay |
| 112 | 3665 | " " " " " " " " " " |
| 113 | 3666 | Clouds, S. of Australia |
| 114 | 3667 | " " " " " " " " " " |
| 115 | 3668 | Unique Cloud Wakes, probably at Campbell I., 400 mi. S. of New Zealand |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 116 | SL4-137-3669 | Sunrise, Earth limb |
| 117 | 3670 | " " " |
| 118 | 3671 | " " " |
| 119 | 3672 | Peru, Amazon Basin, Cordillera Oriental, Rio Uycali |
| 120 | 3673 | Bolivia, Lake Poopo, Land and Salar Coipasa, Cordillera De Los Frailes |
| 121 | 3674 | " Chile, Argentina, Lago Colorado |
| 122 | 3675 | " " " Salar Grandes |
| 123 | 3676 | Argentina, Chile, Salar De Arizaro, Cerro Galan, Salar Pacitos |
| 124 | 3677 | " Cerro Galan, San Miguel De Tucuman |
| 125 | 3678 | " Anatuya, Lago De Las Sisnes |
| 126 | 3679 | " Chaco area |
| 127 | 3680 | Sunlint on S. Atlantic E. of Argentina |
| 128 | 3681 | " " " " " " " |
| 129 | 3682 | S. Atlantic O., Falkland current |
| 130 | 3683 | " " " " " " |
| 131 | 3684 | Icebergs, S. Atlantic N. of S. Georgia I. |
| 132 | 3685 | SW Africa, Botswana, Kalahari Desert |
| 133 | 3686 | " " Sief Dunes S. of Walvis Bay, Namib Desert |
| 134 | 3687 | " " Botswana, Kalahari Desert |
| 135 | 3688 | " " " S. Africa, Kalahari Desert |
| 136 | 3689 | Chile, Fjords, Archipelago De Los Chonos, Canal De Moraleda, |
| 137 | 3690 | Argentina, Mar Del Plata, Plankton Blooms |
| 138 | 3691 | SW Africa, Namib Desert, Sief Dunes |
| 139 | 3692 | " " " " " " |
| 140 | 3693 | " " " " " " |
| 141 | 3694 | Overexposed, Tanzania, Zaire, Burundi, Lakes Tanganyika and Kivu |
| 142 | 3695 | " Malawi, Mozambique, Zambia, Rhodesia, Lake Nyasa |
| 143 | 3696 | " Ethiopia, Lakes Zwai, Langana, Abaya, Chamo, looking NE |
| 144 | 3697 | " " Addis, Ababa, Danakil Dep. Afar Triangle |
| 145 | 3698 | " Brazil, Sao Francisco R., Coast at Salvador, looking NE |
| 146 | 3699 | New Zealand, South I., Southern Alps, Mt. Cook |
| 147 | 3700 | " " " " " Christchurch |
| 148 | 3701 | Unique cloud wakes, Campbell I., 400 mi. S. of New Zealand |
| 149 | 3702 | " " " " " Auckland I. |
| 150 | 3703 | " " " " " " |
| 151 | 3704 | " " " " " " |
| 152 | 3705 | Chatham I., Pitt I. |
| 153 | 3706 | SW Africa, Namib Desert, Walvis Bay, Sief Dunes |
| 154 | 3707 | " " " " " " |
| 155 | 3708 | Ethiopia, Afar Triangle, Danakil Dep. Red Sea, Arabia |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|--|
| 156 | SL4-137-3709 | Ethiopia, Afar Triangle, Red Sea, Arabia, Danakil Dep. |
| 157 | 3710 | Saudi Arabia, Rub Al Khali (empty quarter) at sunrise |
| 158 | 3711 | Chile, Bolivia, Argentina, Antofagasta, Chuquicamata, Atacama, Andes |
| 159 | 3712 | S. Atlantic O. off Argentina |
| 160 | 3713 | Botswana, mostly clouds |
| 161 | 3714 | " " " |
| 162 | 3715 | Rhodesia, Zambia, Mozambique, oblique to NE, hazy |
| 163 | 3716 | Tanzania, Tabora |
| 164 | 3717 | Ethiopia, Kenya, Sudan, Lake Rudolph, Lake Chew Bahir |
| 165 | 3718 | " Lakes Zwai, Langana, Abays |
| 166 | 3719 | " Yemen, Red Sea, Danikal Depression Gulf of Aden |
| 167 | 3720 | Pakistan, Makran Coast Ranges, Ras Ormara |
| 168 | 3721 | Falkland current, Plankton Blooms |
| 169 | 3722 | " " " |
| 170 | 3723 | Chile, Looking SE across Andes to Patagonia, Concepcion, Talca |
| 171 | 3724 | Pacific O. E. of New Zealand |
| 172 | 3725 | New Zealand, N & S Islands, Cape Palliser, Cook Strait |
| 173 | 3726 | Pacific O., NE of New Zealand |
| 174 | 3727 | Sea of Cortez, Baja Calif., Sonora |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-52(138) CAMERA Hasselblad LENS 100-mm FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-138-3728 | Ice islands & bergs near S. Georgia I. |
| 2 | 3729 | " " " " " " " " |
| 3 | 3730 | SW Africa, S. Africa looking South, Skeleton Coast |
| 4 | 3731 | " " Namib Desert, Sief Dunes |
| 5 | 3732 | " " Brand Berg Kaoko Veld, Namib Desert |
| 6 | 3733 | Tanzania, clouds, haze |
| 7 | 3734 | Kenya, Somali-Uganda, Lake Victoria, Kavirondo Gulf, Lake Randolph |
| 8 | 3735 | Tanzania, Kenya, Lake Victoria, Speke Gulf, Seregeti Plain |
| 9 | 3736 | Sudan, Ethiopia, looking NW, clouds, haze |
| 10 | 3737 | Kenya, Ethiopia, Lake Randolph, Chalbi Desert |
| 11 | 3738 | " Sudan, Ethiopia, Lake Randolph |
| 12 | 3739 | Somali, Ethiopia, looking NE, Juba R. |
| 13 | 3740 | Ethiopia, Sudan, Nile R., Red Sea, looking N. |
| 14 | 3741 | " Somali, Ras Azir, Gulf of Aden, looking NE |
| 15 | 3742 | " Sudan, Red Sea, Arabia, looking N |
| 16 | 3743 | Saudi Arabia, Muscat & Oman, Rub Al Khali (Empty Quarter) Salalah |
| 17 | 3744 | " " " " " " " " Kuria Muria Bay |
| 18 | 3745 | Muscat & Oman, Saudi Arabia, " " " " Sawqirah Bay |
| 19 | 3746 | " " " " " " " " Gulf of Misirah |
| 20 | 3747 | Chile, Argentina, Strait of Magellan, Tierra Del Fuego |
| 21 | 3748 | " " " " " " " " " " " " |
| 22 | 3749 | Saudi Arabia, Al Wajh, Red Sea |
| 23 | 3750 | " " Ras Abu Madd, Yanbu Al Bahr, Red Sea |
| 24 | 3751 | " " Red Sea, Hejaz, Al Wajh, Harrat Al Uwayrid |
| 25 | 3752 | Argentina, very large grass fire, La Pampa Dept., 100 mi. W Santa Rosa |
| 26 | 3753 | " " " " " " " " " " " " |
| 27 | 3754 | " Looking SE, Bahia Blanca, Rio Colorado, Pampas |
| 28 | 3755 | " Pampas, looking SE, Bahia Blanca |
| 29 | 3756 | Mauritania, Spanish Morocco, Cap Blanc, Cap Timiris, Akchar Dunes |
| 30 | 3757 | Peru, Puerto Lomas, La Punta, Coast SE of Nasca |
| 31 | 3758 | Mexico, Sierra Madre Oriental, Monterrey, looking East |
| 32 | 3759 | " (Coahuilla-Neuvo Leon), Tex., Rio Grande, Amistad Lake |
| 33 | 3760 | " Monterrey, Saltillo, Sierra Madre Oriental, Tex., Rio Grande |
| 34 | 3761 | Sunlight off Pacific O., 1,000 mi. NE of New Guinea |
| 35 | 3762 | Hawaiian Islands, Nilhau, Oahu, Molokai |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 36 | SL4-138-3763 | Hawaiian Is., Oahu, Molokai, Lanai, Maui, Kahoolawe, Hawaii |
| 37 | 3764 | " " " " " " " " |
| 38 | 3765 | " " Maui, Lanai, Kahoolawe, Molokai |
| 39 | 3766 | Unique cloud cells |
| 40 | 3767 | Bougainville I., Shortland I. |
| 41 | 3768 | Fires on ground, Central African Rep., Chad, Cameroon, hazy |
| 42 | 3769 | Egypt, Israel, Saudi Arabia, Nile R., Lake Nasser, Sinai, Red Sea |
| 43 | 3770 | " Nile R., El Faiyum, Western Desert |
| 44 | 3771 | " Israel, Saudi Arabia, Red Sea, Sinai, Nile R., Luxor |
| 45 | 3772 | " " " " " " " Mediterranean Sea |
| 46 | 3773 | " " " " " " " " |
| 47 | 3774 | Sunset, Earth limb, Attempt to photograph Khouteck Comet |
| 48 | 3775 | " " " " " " " " |
| 49 | 3776 | " " " " " " " " |
| 50 | 3777 | " " " " " " " " |
| 51 | 3778 | " " " " " " " " |
| 52 | 3779 | Hawaii I., clouds |
| 53 | 3780 | " " " |
| 54 | 3781 | Louisiade Archipelago, Taguto I., Rosset I., Lawik Reef |
| 55 | 3782 | Solomon Sea, Runnell I., Sunlint |
| 56 | 3783 | Sunlint, Northeast of Solomon Is. |
| 57 | 3784 | Naurv I., 0°30'S - 166°55'W |
| 58 | 3785 | Chad, Niger, Nigeria, Cameroon, Lake Chad, Ft. Lamy |
| 59 | 3786 | " Tibesti Mts., Ennapi Plateau |
| 60 | 3787 | " " " " " " |
| 61 | 3788 | " Niger, Tibesti Mts., Plateau Du Djado |
| 62 | 3789 | " Emi Koussi Volcano, Tibesti Mts., Libya, Serir of Sarra |
| 63 | 3790 | Egypt, Israel, Saudi Arabia, Nile Delta, Red Sea, Sinai |
| 64 | 3791 | Turkey, Greece, Aegean Is., Rhodes, Crete |
| 65 | 3792 | Brazil, Coast line, Salvador to Aracaju |
| 66 | 3793 | Algeria, Grand Erg Occidental, large dust storm, Star Dunes |
| 67 | 3794 | Chile, Atacama Fault, Taltal, Punta Plata, Salar De Punta Negra |
| 68 | 3795 | " Argentina, Salar De Arizaro, Salar Antofalla, Andes |
| 69 | 3796 | Honduras, Cape Honduras, Islas De Bahia, Rio Aguan, La Ceiba, Juticalpa |
| 70 | 3797 | " Guatemala, Belize, San Pedro Sula, Porto Barrios, Lago Izabal |
| 71 | 3798 | Mexico, (Quintana Roo) Cozumel I., Cabo Catoche, Campeche Bank |
| 72 | 3799 | Cuba, Yucatan Channel, Isla De Pinos, Cabo Corrientes |
| 73 | 3800 | Tex., Mexico (Tamaulipas) Rio Grande Mouth, Matamoros, Laguna Madre |
| 74 | 3801 | " " " " " " " " |
| 75 | 3802 | " Looking NE, San Antonio, Austin, Waco |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 76 | SL4-138-3803 | La., Mississippi R., Delta sedimentation |
| 77 | 3804 | " " " " " " |
| 78 | 3805 | Large buildups East of Carolinas |
| 79 | 3806 | " " " " " " |
| 80 | 3807 | Mexico, USA, Baja Calif., Sea of Cortez. Looking East |
| 81 | 3808 | Calif., Ariz., Nev., Los Angeles Basin smog, Mojave Desert, Salton Sea |
| 82 | 3809 | Mexico (Baja-Sonora) Ariz., Mouth of Colo. Gran Desierto de Sonora |
| 83 | 3810 | " " " Calif., Ariz., Imperial Valley, Salton Sea, Colo R. |
| 84 | 3811 | Nev., Utah, Ariz., Grand Canyon, Lake Mead, Lake Powell |
| 85 | 3812 | " " " " " Canyonlands, Zion & Bryce Canyons |
| 86 | 3813 | Chad, Tibesti Mts., Ennedi Plateau, Serir of Saria, Libya |
| 87 | 3814 | " " " " " " " " |
| 88 | 3815 | Egypt, Sinai, Saudi Arabia, Red Sea, Al Hijaz, An Nafud |
| 89 | 3816 | Turkey, Greece, Aegean Is., Rhodes |
| 90 | 3817 | " USSR, Kuzey Anadolu Daglari Mts., Black Sea, Caucasus |
| 91 | 3818 | USSR, Caucasus Mts., Mt. Elbrus |
| 92 | 3819 | " " " " " " |
| 93 | 3820 | Algeria, Grand Erg Oriental |
| 94 | 3821 | " Libya, Tunisia, Grand Erg Oriental, Tripoli, Med. Sea |
| 95 | 3822 | " Tunisia, Libya, Shott El Jerid, Grand Erg Oriental |
| 96 | 3823 | Morocco, Grand Atlas Mts., Middle Atlas Mts, Atlas Saharie |
| 97 | 3824 | Portugal, Spain, Cabo Sao Vincente, Lisboa, Gulf of Cadiz |
| 98 | 3825 | Spain, Morocco, Strait of Gibraltar, Alboran Sea |
| 99 | 3826 | " Mediterranean Sea Coast, Sierra Nevada, Granada, Malaga |
| 100 | 3827 | Mexico (Baja-Sonora) Sea of Cortez, Laguna Ojo De Liebre |
| 101 | 3828 | " " " Calif., San Diego, Salton Sea |
| 102 | 3829 | " " " " " " " " |
| 103 | 3830 | S.D., N.D., Mont., Wyo., Colo., Utah, snow cover, Black Hills, Rocky Mt: |
| 104 | 3831 | Snow cover, Northern Prairie States |
| 105 | 3832 | Australia (S. Aust.) Adelaide, Gulf St. Vincent, Murray R. |
| 106 | 3833 | " " " New S. Wales-Victoria, Murray R. |
| 107 | 3834 | " " " " " " Lake Hind Marsh |
| 108 | 3835 | " " " " " " Lake Albacutya, Darling R. |
| 109 | 3836 | " New S. Wales Lachlan R., Lake Brewster |
| 110 | 3837 | " " " Marobee Range, Darling R. |
| 111 | 3838 | " " " " Darling R., Bourke, Macquarie R. |
| 112 | 3839 | " " " " Macquarie R. |
| 113 | 3840 | " " " " Darling R., Menindee Lake |
| 114 | 3841 | Iraq, Iran, Zagrus Mts., Kirkuk |
| 115 | 3842 | Sunlight on Pacific near Galapago I. |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 116 | SL4-138-3843 | Calif., San Francisco Bay, Point Reyes, Monterey Bay |
| 117 | 3844 | Idaho, Wyo., Mont., Wash., Ore., N. Rocky Mts., Salmon River Mts. |
| 118 | 3845 | Utah, Wyo., Idaho, Salt Lake, Wasatch, Uinta, Wind R., Wyo. Ranges |
| 119 | 3846 | Idaho, Mont., Wyo., Yellowstone, Grand Teton Parks, Wind R., Big Horn |
| 120 | 3847 | Spanish Morocco, Mauritania, Algeria, Hamada Du Dra, Yetti Plain |
| 121 | 3848 | Morocco, Algeria, Hamada Du Dra, Grand Atlas Mts., Erg Raoui |
| 122 | 3849 | " " " " " Grand Atlas Mts., Ras Rhir, Anti Atlas Mts. |
| 123 | 3850 | " " " " " Anti Atlas Mts., Hamada Du Guir |
| 124 | 3851 | Algeria, Erg Er Raoui, Grand Erg Occidental, Oued Saoura |
| 125 | 3852 | " Tademaït Plateau, Erg Chech, Erg Iguidi |
| 126 | 3853 | " " " " " El Gantara, Grand Erg Oriental |
| 127 | 3854 | Chile, Coast, Punta, Pichalo, Iquique, Rio Loa |
| 128 | 3855 | " Peru, Coast, Arica, Punta Pichalo |
| 129 | 3856 | " Coast, Punta Pichalo, Iquique |
| 130 | 3857 | " Peru, Coast, Arica, Ilo, Tacna, Punta Pichalo |
| 131 | 3858 | Peru, Chile Coast, Arica, Ilo, Mollendo |
| 132 | 3859 | Snow, Okla., Kan., Arkansas R., Tulsa, clouds |
| 133 | 3860 | Calif., Ariz., Baja Calif., Sonora, Salton Sea, Pinacate Mts. |
| 134 | 3861 | " " " " " " Mouth of Colorado |
| 135 | 3862 | Hawaiian Is., Hawaii, Maui, Kahoolawe, Lanai, Molokai, Oahu |
| 136 | 3863 | " " " " " " " " |
| 137 | 3864 | " " Maui, Kahoolawe, Lanai, Molokai, Oahu |
| 138 | 3865 | " " " " " " Hawaii |
| 139 | 3866 | Snow, NW USA, clouds |
| 140 | 3867 | Guam |
| 141 | 3868 | Plankton Blooms near Falkland Is., "Red Stains" |
| 142 | 3869 | Egypt, Israel, Jordan, Saudi Arabia, Sinai, Suez Canal |
| 143 | 3870 | USSR, Turkey, Caucasus Mts., Black Sea, Sochi, Poti, Skuhumi |
| 144 | 3871 | " " " " " " Poti, Kutaisi |
| 145 | 3872 | " Causus Mts., Caspian Sea |
| 146 | 3873 | " " " " " " |
| 147 | 3874 | Unique clouds, downwind from Fernando De Noronha I. |
| 148 | 3875 | Colo., Wyo., Denver, Rocky Mts., Snowcover, Platte Rivers |
| 149 | 3876 | Unique clouds downwind from Clipperton I. |
| 150 | 3877 | N.Y., Ontario, Rochester, Lakes Erie, Ontario, Finger Lakes |
| 151 | 3878 | " " " " " " " " |
| 152 | 3879 | " N.J., Pa., Ct., Mass., Long I., Connecticut Valley, New York City |
| 153 | 3880 | Clouds over Pacific 500 mi. SW San Diego, Calif. |
| 154 | 3881 | Calif., Nev., Utah, Ariz., N.M., Colo., snow, clouds looking SE |
| 155 | 3882 | Argentina (Buenos Aires Dept.) looking NW Bolivar, Olavarria, Azul |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|--|
| 156 | SL4-138-3883 | Sunglint on Atlantic O. E. of Brazil |
| 157 | 3884 | " " " " " " " |
| 158 | 3885 | Algeria, Libya, Tunisia, Grand Erg Oriental |
| 159 | 3886 | Libya, Hamada El Hamra, Gefra, Hamada Tinghert, oil well flares |
| 160 | 3887 | " Algeria, Grand Erg Oriental, Hamada El Hamra |
| 161 | 3888 | " " Tripoli, Gefra, Grand Erg Oriental |
| 162 | 3889 | Blank |
| 163 | 3890 | Tunisia, Algeria, Chott Djerid, Grand Erg Oriental |
| 164 | 3891 | Libya, Tunisia, Gulf of Gabes, Chott Djerid, Cochabamba |
| 165 | 3892 | Bolivia, Chile, Argentina, Salar Uyuni, Salar Coi Pasa, Lake Poopo |
| 166 | 3893 | Mexico, Mexico City, Puebla, Tlaxcala, Popocatepetl Vol. |
| 167 | 3894 | S. New England, N.Y., N.J., Pa., Long I., Boston, New York City |
| 168 | 3895 | N.Y., Pa., Vt., Finger Lakes, Allegheny Ridges, Susquehanna R. |
| 169 | 3896 | New England, Boston, Newport, Cape Cod, Block I., Hartford, Portland |
| 170 | 3897 | Quebec, Maine, St. Lawrence R., Manicouagan Structure, Saguenay R. |
| 171 | 3898 | " " " " " " " " " " |
| 172 | 3899 | New Zealand, North I., Hawke Bay |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-51(139) CAMERA Hasselblad LENS 100-mm FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-139-3900 | Algeria, Tunisia, Libya, Grand Erg Oriental, Hamada Tinghert |
| 2 | 3901 | Libya, Hamada El Hamra, Jnefusa |
| 3 | 3902 | " Gefra, Jnefusa, Hamada El Hamra |
| 4 | 3903 | " Med. Coast, Geera, Jnefusa, Hamada El Hamra |
| 5 | 3904 | USSR, Turkey, Iran, Caucasus Mts., Black Sea, Caspian Sea, Ozero Sevan |
| 6 | 3905 | " " " " " " " " " " |
| 7 | 3906 | Cape Verde Is., Wakes, Santo Antao, San Vicente, Sao Nicolau |
| 8 | 3907 | " " " Sal, Cantao, S. Vicente, S. Nicolau, Boa Vista, wakes |
| 9 | 3908 | Spanish Sahara, Villa Cisneros |
| 10 | 3909 | " " Morocco, Hamada Du Dra |
| 11 | 3910 | Morocco, Algeria, Grand Atlas Mts., Grand Erg Occidental |
| 12 | 3911 | " " " " " Anti Atlas Mts. |
| 13 | 3912 | " " " " " Grand Erg Occidental |
| 14 | 3913 | USSR, Turkey, Iran, Caucasus Mts., Black Sea, Mt. Ararat |
| 15 | 3914 | Colombia, Barranquilla, Cartagena, Magdalena R. |
| 16 | 3915 | " " " " " " |
| 17 | 3916 | " " Caribbean Sea |
| 18 | 3917 | " Venezuela, Guajira Pen., Paraguana Pen., G. of Venezuela |
| 19 | 3918 | Cuba, Cape Lucrecia, Great Bahama Banks, Bahama Is. |
| 20 | 3919 | " Tongue of Ocean," " " " " |
| 21 | 3920 | Bahama, Acklins I., Mayaguana I., Little & Great Inagua |
| 22 | 3921 | Mexico (Oaxaca) Golfo De Tehuantepec |
| 23 | 3922 | " " Tehuantepec, Laguna, Superior, Oaxaca |
| 24 | 3923 | " (Yucatan-Campeche) Campeche Banks |
| 25 | 3924 | " " Recife Alacran |
| 26 | 3925 | Sunlint, Pacific O. off Baja Calif. |
| 27 | 3926 | " " " " " " |
| 28 | 3927 | Tex., Okla., Kan., Enid, Canadian R., distinct snow line |
| 29 | 3928 | Okla., Kan., Enid, Arkansas R., Wichita, Great Salt Plain |
| 30 | 3929 | Neb., Kan., Mo., Iowa., looking E., snowcovered, Omaha, Kansas City |
| 31 | 3930 | " Mo., Iowa, Minn., Wis., looking NE, snowcovered, Omaha, Des Moines |
| 32 | 3931 | Minn., Iowa, Wisc., snow covered, Twin Cities |
| 33 | 3932 | " " " Mich., snowcovered, Twin Cities, Mississippi R. |
| 34 | 3933 | Canada (Quebec-Ontario) James Bay, Akimiski I., snow, ice |
| 35 | 3934 | Quebec, St. Lawrence R., Gaspe Pen., Anticosti I., ice flows |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 36 | SL4-139-3935 | Wash., Ore., Brit. Col. looking N, Cascades, Olympic Pen. Columbia Basin |
| 37 | 3936 | Vortex, N. Pacific O., 1,000 miles W. of Ore. |
| 38 | 3937 | Unique clouds N. of Hawaii |
| 39 | 3938 | Philippines, Luzon I., Lingayen Gulf, Cape San Ildefonso |
| 40 | 3939 | Taiwan, China, Taipei, Fouchou, Haitan Tao |
| 41 | 3940 | " " " Wenchou, Sansha Wan |
| 42 | 3941 | Japan, Kyushu-Shikoku, Kagoshima Wan, Volcano (active) Nagasaki |
| 43 | 3942 | " " Kagoshima Wan Volcano (active) Nagasaki |
| 44 | 3943 | " Honshu, Mito, Hitachi, Inubosaki |
| 45 | 3944 | Brazil (Bahia State), Sao Francisco R., Xique-Xique, Barra |
| 46 | 3945 | Clouds, looking S. from S. of New Zealand |
| 47 | 3946 | " " " " " " " " |
| 48 | 3947 | " " " " " " " " |
| 49 | 3948 | " " " " " " " " |
| 50 | 3949 | Mexico (Chihuahua-Durango-Coahuila) looking to ENE |
| 51 | 3950 | Tex., Okla., Ft. Worth, Dallas, Lake Texoma |
| 52 | 3951 | Wisc., Ill., Iowa., Minn., snowcover, Chicago, Milwaukee, Miss. R. |
| 53 | 3952 | Mich., Ohio, Ind., Ont., Lakes Huron, Michigan, Erie, Toledo, Saginaw |
| 54 | 3953 | Wisc., Mich., Ont., Lake Superior, Duluth, Miss. R., Wisc. R. |
| 55 | 3954 | Ill., Ind., Lake Michigan, Chicago, Milwaukee |
| 56 | 3955 | Minn., Wisc., Ontario, Lake Superior, Duluth, Lake Nipigon |
| 57 | 3956 | Ill., Wisc., Ind., Mich., Lake Michigan, Chicago, Milwaukee, Green Bay |
| 58 | 3957 | Minn., Wisc., Ontario, Lake Superior, Thunder Bay |
| 59 | 3958 | " " " " " " Duluth |
| 60 | 3959 | Minn., Ontario, Lake Superior, Thunder Bay, Lake Nipigon |
| 61 | 3960 | Minn., Ontario, Upper Red Lake, Rainy Lake, underexposed |
| 62 | 3961 | " Wisc., underexposed, terminator |
| 63 | 3962 | " Underexposed, terminator |
| 64 | 3963 | Ontario, Thunder Bay, underexposed |
| 65 | 3964 | Minn., Ontario, underexposed |
| 66 | 3965 | Underexposed, practically blank |
| 67 | 3966 | Ore., Wash., Brit. Columbia, looking E, Cascades, Columbia Basin |
| 68 | 3967 | British Columbia, Vancouver I., Fraser R., Coast & Rocky Mts. |
| 69 | 3968 | Ore., Wash., Cascades, Columbia R. |
| 70 | 2969 | Sunrise, Earth limb |
| 71 | 3970 | " " " |
| 72 | 3971 | Japan, S. Korea, Kyushu-Honshu-Shikoku Is., active volcano, Korea Strait |
| 73 | 3972 | " " " " " " " " |
| 74 | 3973 | Pacific Coast of Guatemala-El Salvador, Honduras, Nicaragua, Fonseca G. |
| 75 | 3974 | Nicaragua, Costa Rica, looking SE, Pacific Coast |

| FRAME NO. | NAJA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 76 | SL4-139-3975 | Sunglint off Pacific Coast of Central America |
| 77 | 3976 | El Salvador, Honduras, Guatemala, Pacific Coast, San Salvador |
| 78 | 3977 | Cuba, Pinar Del Rio, La Habana, Batabano Gulf, Isla Pinos |
| 79 | 3978 | " La Habana, Batabano Gulf, Pen., De Zapata, Bahia Cochinos |
| 80 | 3979 | " (Matanzas-Las Villas) Cienfuegos, Colon |
| 81 | 3980 | " (Camaguay-Oriente), Hispaniola, looking E. |
| 82 | 3981 | " " " " " " " " |
| 83 | 3982 | Fla., Miami, W. Palm Beach, Lake Okeechobee, Ft. Myers |
| 84 | 3983 | Mexico looking East, Sierra Madre Occidental, Gulf Coastal Plain |
| 85 | 3984 | Tex., N. M., Colo., Kan., Okla., looking NW, snow in Rocky Mts & Plains |
| 86 | 3985 | Mich., Ontario, Lake Huron, Saginaw Bay, Sarnia |
| 87 | 3986 | Mich., Ohio, Ontario, Lakes Huron & Erie, Saginaw Bay, St. Clair R. |
| 88 | 3987 | Lakes Erie, Huron, & Ontario, looking E. |
| 89 | 3988 | " " " " " " " " |
| 90 | 3989 | N.Y., Pa., Ontario, Lakes Erie & Ontario; Buffalo, Toronto, Niagara F. |
| 91 | 3990 | N. England, N.Y., N.J., Hudson R., Boston, Connecticut R., Cape Cod |
| 92 | 3991 | Gulf of St. Lawrence, ice flows, Quebec Coast |
| 93 | 3992 | Utah, Wyo., Ida., Salt Lake, Ogden, Wasatch & Wyoming Ranges |
| 94 | 3993 | Mont., Wyo., Big Horn Mts., Yellowstone R., Ft. Peck Res. |
| 95 | 3994 | S.D., N.D., Wyo., Mont., Black Hills, Sakakawea Lake, Canada (Sask-Man) |
| 96 | 3995 | N.D., Minn., Ont., Man., Red Lakes, Red R., Winripeg, Lake of the Woods |
| 97 | 3996 | Minn., Ont., Lake of the Woods, to James & Hudson Bay |
| 98 | 3997 | I. of Hawaii with Mauna Loa & Mauna Kea snowcapped |
| 99 | 3998 | " " " " " " " " |
| 100 | 3999 | " " " " " " " " |
| 101 | 4000 | Wash., Brit., Col., snowcovered Columbia Basin & Mts. |
| 102 | 4001 | British Columbia, Mts., clouds |
| 103 | 4002 | Australia (W. Aust.) Moore Lake |
| 104 | 4003 | " " " East of Perth, Merredin |
| 105 | 4004 | " " " SE of Perth, Lake Grace |
| 106 | 4005 | Mich., Wisc., Lake Michigan, Green Bay, Lake Superior |
| 107 | 4006 | " Ontario, Lake Huron, Georgian Bay, Detroit, Lake Erie |
| 108 | 4007 | " " Lakes Huron & Erie, Detroit |
| 109 | 4008 | N.Y., Ontario, Lakes Erie & Ontario, Toronto, Buffalo |
| 110 | 4009 | " " " " " " Georgian Bay, Toronto, Buffalo |
| 111 | 4010 | " " " " " " " " |
| 112 | 4011 | Quebec, St. Lawrence R., Anticosti I., Gaspé Pen. ice flows |
| 113 | 4012 | " NB, St. Lawrence R., Anticosti I., Gaspé Pen., ice flows |
| 114 | 4013 | Gre., Wash., Ida., Mont., B. C. Snake R., Columbia Basin, N. Rockies |
| 115 | 4014 | Minn., Wisc., Ont., Lake Superior, Duluth, Isle Royale |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 116 | SL4-139-4015 | Canadian Rocky Mts., looking NE |
| 117 | 4016 | " " " |
| 118 | 4017 | " " " |
| 119 | 4018 | Rocky Mts looking S., Big Horn, Wind R., Little Belt Ranges |
| 120 | 4019 | Mont., looking E., Lewis Range to Black Hills |
| 121 | 4020 | Clouds, underexposed |
| 122 | 4021 | " " |
| 123 | 4022 | Indonesia, Sumatra I., Lake Tawar, Strait of Malacca |
| 124 | 4023 | " Malasia, Sumatra I., " " " |
| 125 | 4024 | China (Kwangtung), Hong Kong, Victoria, Macac, Pearl R. |
| 126 | 4025 | USSR (Siberia), Kamchatka Pen., Sea of Okhotsk, ice flows |
| 127 | 4026 | Honduras, Nicaragua, Cabo Gracias A Dios, Cayos Miskitos |
| 128 | 4027 | Cuba, Fla. Strait, Bahama Banks, Fla. looking N. |
| 129 | 4028 | Jamaica, Montego Bay, Kingston |
| 130 | 4029 | Fla. Strait, Keys, Pen., Bahama Banks, Andros I. |
| 131 | 4030 | Bermuda |
| 132 | 4031 | La. Coast, Cameron, Grand Cheniere, clouds, haze |
| 133 | 4032 | " Mouth of Mississippi, Sedimentation, oil well fires |
| 134 | 4033 | Calif. Coast looking N., Los Angeles, Point Concepcion, Big Sur |
| 135 | 4034 | Ariz., Cal., Nev., Phoenix, Colorado R., Lake Mead |
| 136 | 4035 | " " Phoenix, Colorado R., Gila R. |
| 137 | 4036 | Ariz., Nev., Utah, Grand Canyon, Lakes Powell & Mead, looking N. |
| 138 | 4037 | " " " " " " " " " " " |
| 139 | 4038 | Utah, Colo., N.M., Ariz., 4-Corners, San Juan R., Colo. R., Fruitland |
| 140 | 4039 | Rocky Mts., Front Range, Denver, Laramie Range, Black Hills, South Park |
| 141 | 4040 | " " " " " " " " " " " |
| 142 | 4041 | Mich., Ontario, Lake Superior, White Fish Point, Michipicoten I. |
| 143 | 4042 | " " " " " " " " " " " |
| 144 | 4043 | Ontario, James Bay, Hudson Bay, Akimiski I., ice flows |
| 145 | 4044 | Quebec, Manicouagan Structure, Canadian Shield, Labrador |
| 146 | 4045 | " Newfoundland, Gulf of St. Lawrence, Jacques Cartier Passage |
| 147 | 4046 | Newfoundland, Labrador, Belle Isle, Strait of Belle Isle, Grey Is. |
| 148 | 4047 | Ore., Wash., Looking N., Cascades, 3-Sisters, Mt. Hood, Mt. Rainier |
| 149 | 4048 | " Crater Lake, Cascade Mts., 3-Sisters, Mt. Hood, Deschutes R. |
| 150 | 4049 | Utah, Idaho, N. Tip of Great Salt Lake, Snake R. Plains, Bannock Range |
| 151 | 4050 | Quebec, N. B., St. Lawrence R., Anticosti I. |
| 152 | 4051 | Tropical Storm Wanda, East of Philippines |
| 153 | 4052 | " " " " " " " " " " " |
| 154 | 4053 | " " " " " " " " " " " |
| 155 | 4054 | Overexposed, North Sea area, England |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|--|
| 156 | SL4-139-4055 | Overexposed England, North Sea |
| 157 | 4056 | " " " " |
| 158 | 4057 | " " " " France, Strait of Dover |
| 159 | 4058 | " " " " |
| 160 | 4059 | " Baltic Sea, Pomerania, E. Prussia |
| 161 | 4060 | " " " " " " |
| 162 | 4061 | Bahama Is. (Andros-Long-Acklins-Great Inagua), Cuba, Fla. Strait |
| 163 | 4062 | Mexico, Puebla, Popocatepetl, Poza Rica, Jalapa |
| 164 | 4063 | " hazy, looking NW up Central Plateau |
| 165 | 4064 | " Puebla, Popocatepetl, Poza Rica, Orizaba Volcano |
| 166 | 4065 | Clouds over Mississippi Valley |
| 167 | 4066 | " " " " |
| 168 | 4067 | Lake Michigan, clouds looking N., clouds |
| 169 | 4068 | Michigan, Lake Michigan, Huron, looking N. clouds |
| 170 | 4069 | NE Canada, looking NE, clouds |
| 171 | 4070 | Quebec, Manicouagan Structure, Canadian Shield |
| 172 | 4071 | " Labrador, looking NE to Goose Bay |
| 173 | 4072 | Newfound, Quebec, Labrador, Strait of Belle Isle, Lake Melville |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-50(140) CAMERA Hasselblad LENS 100-mm FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-140-4073 | Colo., Wyo., Neb., Kan., looking E. from Rocky Mt. Front |
| 2 | 4074 | Alaska, Alaskan Pen., Bristol Bay, Kodiak I., Cook Inlet |
| 3 | 4075 | " " " Kodiak I., Cook Inlet, Kenai Pen., Mt. McKinley |
| 4 | 4076 | " Switzerland, Italy, Alps, Mt. Blanc, Lake Geneve |
| 5 | 4077 | Germany, France, Switzerland, Austria, Alps, Rhein R., Black Forest |
| 6 | 4078 | France, Champaign Province |
| 7 | 4079 | Germany, Austria, Italy, Switzerland, Tyrol Alps, Eastward |
| 8 | 4080 | Unique Cloud Patterns off Ecuador |
| 9 | 4081 | Baja Calif., Cabo Colnett, Punta San Jose |
| 10 | 4082 | Ireland, Scotland, N. Ireland, Dublin, Belfast, Isle of Man, Cork |
| 11 | 4083 | N. Ireland, Scotland, Ireland, Belfast, Isle of Mann, N. Channel |
| 12 | 4084 | Scotland, Ireland, N. Ireland, Isle of Man, Mull of Galloway, Irish Sea |
| 13 | 4085 | N. Ireland, Scotland, England, Wales, Belfast, Isle of Man |
| 14 | 4086 | Calif., Nev., Mono Lake, Walker Lake, Sierra Nevada, Reno |
| 15 | 4087 | Newfoundland, Labrador, Strait of Belle Isle, ice flows |
| 16 | 4088 | Alaska, Aleutian Is., U Mimak, Cold Bay, Krenitzen Is. |
| 17 | 4089 | " " " Unalaska, U Mimak, " |
| 18 | 4090 | Colombia, Venezuela, Guajira Pen., Nevada Santa Marta, Gulf of Venez. |
| 19 | 4091 | " " " " " Maracaibo |
| 20 | 4092 | " " " " " Paraguana Pen., Gulf of Venezuela |
| 21 | 4093 | " " " " " " Aruba I. |
| 22 | 4094 | Ireland, Tralee, Cork, Old Head of Kinsale, Fastnet, Dingle Bay |
| 23 | 4095 | Okla., Kan., Canadian, Cimarron, Arkansas Rivers, snow |
| 24 | 4096 | Ohio, Pan., N.Y., Ontario, Lakes Erie, Ontario, Buffalo, Cleveland. ice |
| 25 | 4097 | N.Y., Ontario, Lake Ontario, Finger Lakes, Rochester, Niagara Falls |
| 26 | 4098 | Mich., Ontario, Lakes Superior, Michigan, Huron, Sault Ste. Marie |
| 27 | 4099 | Quebec, Quebec City, St. Lawrence R., Ile D'Orleans |
| 28 | 4100 | Ontario, Quebec, James Bay, Akimiski I., Cape Jones |
| 29 | 4101 | " " " " " Cape Henrietta Marie |
| 30 | 4102 | Quebec, Anticosti I., Gulf of St. Lawrence, Cartier Passage |
| 31 | 4103 | " " " " " " " " |
| 32 | 4104 | " Gulf of St. Lawrence, Gethsemani, Mutton Bay |
| 33 | 4105 | " " " " " Cape Whittle, Harrington Harbour |
| 34 | 4106 | Hawaii, I. of Hawaii, Unique bow clouds (stereo pair) |
| 35 | 4107 | " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 36 | SL4-140-4108 | Hawaii, I. of Hawaii, unique bow clouds (stereo pair) |
| 37 | 4109 | " " " " " " " " |
| 38 | 4110 | USSR, Siberia, Gzero Kanka, Ussuriysk, Sea of Japan, Kavaleroovo |
| 39 | 4111 | Alaska, Aleutian Is., Unalaska, Umnak, 4-Mountains |
| 40 | 4112 | " " " " " " Alaska Pen. |
| 41 | 4113 | " Alaska Pen. |
| 42 | 4114 | Tibet, Nepal, Himalaya Mts., Mt. Everest, Brahmaputra R. |
| 43 | 4115 | " " Mt. Everest, Himalaya Mts., Tangra Tsho |
| 44 | 4116 | " Lhasa, Brahmaputra R., Nam Tsho (Lake) |
| 45 | 4117 | " Nam Tsho (Lake), Lhasa, Brahmaputra R. |
| 46 | 4118 | " Tanqara Tsho, Nyenchhen, Thangiha |
| 47 | 4119 | " Nam Tsho (Lake), Nyenehhen, Thangiha |
| 48 | 4120 | " Lhasa, Brahmaputra R., Nam Tsho |
| 49 | 4121 | China (Tsinghai-Kansu-I. Mongolia-Sinkiang) Mongolia, Pei Shan Mts. |
| 50 | 4122 | " (Inner Mongolia), Gobi Desert, Patan Chalanko |
| 51 | 4123 | " " " Ningsia, Holan Shan Range, Gobi Desert, Yellow R. |
| 52 | 4124 | Mongolia, Boon Tsagaan Nuur (Lake), Nangayn Noruu (Mts.) Gobi Desert |
| 53 | 4125 | " USSR, Area NE of Ulan Bator, Yablonovyy Range |
| 54 | 4126 | Clouds off Baja Calif. |
| 55 | 4127 | " " " " |
| 56 | 4128 | " " " " |
| 57 | 4129 | " " " " |
| 58 | 4130 | Mexico (Baja Calif.-Sonora), Mouth of Colorado, Sea of Cortez |
| 59 | 4131 | " " " " " " " |
| 60 | 4132 | Ariz., Mexico (Sonora), Pinacate Mts., Gila R., Ajo, Yuma |
| 61 | 4133 | Mexico (Sonora-Baja Calif.), Sea of Cortez, Tiburon I., Guaymas |
| 62 | 4134 | " " " " " " Cerro Pinacate |
| 63 | 4135 | Ariz., Mexico (Sonora-Baja Calif.), Cerro Pinacate, Gila R., Ajo |
| 64 | 4136 | Calif., Mexico (Baja Calif.-Sonora), Salton Sea, San Diego, Imperial V. |
| 65 | 4137 | " Ariz., Mexico (Baja Calif.-Sonora), Ajo, Sea of Cortez |
| 66 | 4138 | Ariz., Mexico (Sonora), Phoenix, Gila R., Sea of Cortez, Pinacate Mts. |
| 67 | 4139 | Calif., Ariz., Mexico (Sonora-Baja), Salton Sea, Gila R., Phoenix |
| 68 | 4140 | " " " " " Phoenix, Mogollon Rim, Gila R. |
| 69 | 4141 | " " " " " Gila R., Phoenix, Mogollon Rim |
| 70 | 4142 | Unique clouds, Great Lakes Area |
| 71 | 4143 | British Columbia, Coast Mts., Queen Charlotte Is.* Sound, Hecate Strait |
| 72 | 4144 | Minn., Wisc., Twin Cities, Miss. R., Mille Lacs, Duluth, Lake Superior |
| 73 | 4145 | Minn., Wisc., Ill., Iowa, Twin Cities, Mississippi R., Lake Michigan |
| 74 | 4146 | Iowa, Wisc., Ill., Ind., Mississippi R., Lake Michigan |
| 75 | 4147 | Newfoundland, Labrador, Strait of Belle, Gulf of St. Lawrence |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 116 | SL4-140-4188 | Mexico, looking E., Sierra Madre Oriental, Tampico, Gulf of Mexico |
| 117 | 4189 | Sunglint on Cumulus clouds at terminator |
| 118 | 4190 | USSR, Sakhalin I., Zaliv Aniva (Bay), Korsakov, ice flows |
| 119 | 4191 | " " " Tatar Strait, ice flows |
| 120 | 4192 | " " " Zaliv Mordvinova (Bay), Korsakov, ice flows |
| 121 | 4193 | Clouds, Aleutian Is. area |
| 122 | 4194 | India, Rajasthan, Madhya Pradesh, looking SW |
| 123 | 4195 | " Tibet, Nepal, Himalaya Range, Katmandu, Annapurna Mt. |
| 124 | 4196 | China (Inner Mongolia), Mongolia, Gobi Desert, Ochina R. |
| 125 | 4197 | Mexico (Baja Calif.-Sonora), Sea of Cortez, Guaymas, Isla Carmen |
| 126 | 4198 | " " " " " " Tiburon I. Punta San Gabrie |
| 127 | 4199 | Spain, Punta De La Rapita, Valencia, Vinaroz, Valencia |
| 128 | 4200 | " France, Italy, Gulf of Lion, Pyrennes, Riviera, Maritime Alps |
| 129 | 4201 | " Gulf of Valencia, Valencia, Burriana |
| 130 | 4202 | " Mouth of Ebro R., Vinaroz, Terragona |
| 131 | 4203 | " France, Barcelona, Cabo Creus, Perpignan, Pyrennes |
| 132 | 4204 | " Andorra, Barcelona, Golfe Du Lion, Pyrennes |
| 133 | 4205 | Ontario, James Bay, Hudson Bay, Akimiski I., Cape Henrietta Marie |
| 134 | 4206 | " " " " " " " " " " |
| 135 | 4207 | " Quebec, James Bay, Akimiski I., Cape Jones |
| 136 | 4208 | Quebec, Gaspé Pen., St. Lawrence R., Anticosti I., ice flows |
| 137 | 4209 | Unique clouds S. of Aleutian Is. |
| 138 | 4210 | Alaska, Alaska Pen., Aleutian Range, Veniamin Volcano |
| 139 | 4211 | Cirrus clouds over SW USA, New Mexico |
| 140 | 4212 | Quebec, St. Lawrence R., Anticosti I., Gaspé Pen, ice flows |
| 141 | 4213 | " " " " " " J. Cartier Passage |
| 142 | 4214 | " Gulf of St. Lawrence, Wolf Bay, ice flows |
| 143 | 4215 | " New Brunswick, Bay Chaleur, Prince Edward I., Gaspé Pen. |
| 144 | 4216 | " St. Lawrence Gulf, Anticosti I., Gaspé Pen, ice flows |
| 145 | 4217 | " " " " " " " " " " |
| 146 | 4218 | Unique clouds E. of Newfoundland |
| 147 | 4219 | Spain, Andorra, France, Pyrenees, Mediterranean Sea |
| 148 | 4220 | France, Switzerland, Austria, Italy, Alps, Riviera Coast, Lombardy |
| 149 | 4221 | Spain, Andorra, France, Barcelona, Pyrenees, Catalonia |
| 150 | 4222 | Italy, Mediterranean Sea, Adriatic Sea, Roma, Napoli, Capri |
| 151 | 4223 | France, Italy, Switzerland, Alps, Corsica, Lombardy Plains |
| 152 | 4224 | Spain, Portugal, Lisboa, Sierra Gredos Leon |
| 153 | 4225 | " Morocco, Strait of Gibraltar, Mediterranean Sea, Cadiz |
| 154 | 4226 | " " " " " " Sierra Nevada |
| 155 | 4227 | Mauritania, Senegal, St. Louis, Senegal R., Trarza |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 156 | SL4-140-4228 | Mauritania, Senegal, Senegal R., Mouarchott, Trarza |
| 157 | 4229 | Manitoba, Ontario, York Factory, Hudson Bay, Nelson R. |
| 158 | 4230 | Very unique Von Karman Vortices, mid-Atlantic 20°N |
| 159 | 4231 | Colo., Neb., Kan., Denver, Platte R., Colo. Front Range. N. Park |
| 160 | 4232 | N.M., White Sands Nat. Mon., clouds |
| 161 | 4233 | Tex., Mexico (Coahuila), Amistad Lake, Rio Grande |
| 162 | 4234 | USSR, Siberia, Kamchatka Pen., Sea of Okhotsk looking N. |
| 163 | 4235 | " " " " " " " " " " |
| 164 | 4236 | China (Sinkiang), Dzoosotoyn Desert, Tien Shan (Mts.) |
| 165 | 4237 | " Siaikiang, Mongolia, Altai Mts., Hari Nur, Dzoosotoyn |
| 166 | 4238 | China (Sinkiang), Baghbask-Kol, Takla Makan, Tien-Shan |
| 167 | 4239 | Mongolia, China (Sinkiang), Hara Usa, Harra Nur, Altai Mts. |
| 168 | 4240 | " " (Inner Mongolia), Hangay Mts., Altai Mts. |
| 169 | 4241 | " USSR (Siberia) Hangay Mts., Ulan Bator, Henjiyn Mts. |
| 170 | 4242 | " " " Chita, Borshchovochny Mts " " |
| 171 | 4243 | USSR (Siberia), China (Inner Mongolia-Manchuria), Amur R., Shikar |
| 172 | 4244 | " " Belogorsk, Zeya R., Bureya R., Bureihskiy Mts. |
| 173 | 4245 | " " Birobidzhan, Ural, Urni R., Jewis Atonomous State |
| 174 | 4246 | Clouds |
| 175 | 4247 | Clouds, Partial frame |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-46(141) CAMERA Hasselblad LENS 100-mm FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-141-4248 | Unique clouds SW of British Islands |
| 2 | 4249 | England, Isle of Wight, Spithead, Portsmouth, Havant, Beachy Head |
| 3 | 4250 | Iran, Persian Gulf, Zagros Mts., Shiraz |
| 4 | 4251 | " " " " " Jahrom |
| 5 | 4252 | " " " " " Trucial States, Ras Musandam |
| 6 | 4253 | Saudi Arabia, Rub Al Khali(empty quarter) Sief Dunes |
| 7 | 4254 | Muscat & Oman - Saudi Arabia, Rub Al Khali |
| 8 | 4255 | Saudi Arabia, Rub Al Khali, Sief Dunes |
| 9 | 4256 | Muscat & Oman, Saudi Arabia, Rub Al Khali |
| 10 | 4257 | " " " Muscat, Al-Jabal-Al-Akhdar |
| 11 | 4258 | Colorado, Colorado Springs, front range, snowcovered |
| 12 | 4259 | " San Luis Valley, Sangre de Cristo Mts. |
| 13 | 4260 | S. D., Black Hills, Belle Fourche |
| 14 | 4261 | Mich., Lake Superior, ice plumes, cloudy, Geoeble Range |
| 15 | 4262 | Canada, James Bay, Akimiski I., ice |
| 16 | 4263 | Newfoundland, Strait of Belle Isle, Long Range Mts., complete sea ice |
| 17 | 4264 | " Bonavista Bay, ice plumes |
| 18 | 4265 | British Columbia, Lower Kootenay Lake, Lower Arrow Lake |
| 19 | 4266 | " " Columbia R., Canadian Rockies, Kootenay Nat. Park |
| 20 | 4267 | N. D., Manitoba, Saskatchewan, Soris R. |
| 21 | 4268 | " " Minn., Fargo, Red R. |
| 22 | 4269 | S. D., Oahe Res., Aberdeen |
| 23 | 4270 | Lake Ontario, Lake Erie, view to West, Detroit |
| 24 | 4271 | " " " " " Buffalo |
| 25 | 4272 | USSR, Kamchatka Pen., Sea of Okhotsk |
| 26 | 4273 | " " " " " " |
| 27 | 4274 | Iran, Northern Zagros Mts. |
| 28 | 4275 | " " " " |
| 29 | 4276 | " Southern " " |
| 30 | 4277 | " Northern Zagros Mts. |
| 31 | 4278 | " Kerman, Dasht-i-Lut |
| 32 | 4279 | " Pakistan, Makran Range, Arabian Sea |
| 33 | 4280 | " " " dust storm over ocean |
| 34 | 4281 | France, Spain, Gulf of Lions, Pyrenees |
| 35 | 4282 | " Italy, Marseille, Rhone R., Maritime Alps |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 36 | SL4-141-4283 | France, Switzerland, Italy, The Alps, Po Valley, Milano |
| 37 | 4284 | " Italy, Switzerland, Alps, Europe to North, cloud covered |
| 38 | 4285 | Northern Italy, Florence, Bologna, Apennines |
| 39 | 4286 | Central Italy, Rome, Apennines, Ancona |
| 40 | 4287 | " " " " " " |
| 41 | 4288 | " " " " Naples |
| 42 | 4289 | " " Naples, Vesuvius, Apennines |
| 43 | 4290 | S. Italy, Naples, Taranto |
| 44 | 4291 | " " Calabria, Catanzaro, Gulf of Taranto |
| 45 | 4292 | " " Gulf of Taranto, Taranto, Brindisi |
| 46 | 4293 | Ethiopia, Red Sea, Danakil Depression, lava flows |
| 47 | 4294 | " " " Saudi Arabia, Yemen |
| 48 | 4295 | Yemen, Red Sea highlands, Empty Quarter |
| 49 | 4296 | " " " " " " |
| 50 | 4297 | " " " " Hodeida |
| 51 | 4298 | Ethiopia, Afar Depression, Red Sea, Bab Al Mandab, underexposed |
| 52 | 4299 | Canada, Anticosti I., Gulf of St. Lawrence, ice |
| 53 | 4300 | Newfoundland, Long Range Mts., Quebec, ice |
| 54 | 4301 | " Stereo pair |
| 55 | 4302 | " " " " " " |
| 56 | 4303 | " Belle Isle (island), Hare Bay |
| 57 | 4304 | Algeria, Tunisia, Grand Erg Oriental, Gulf of Gabes |
| 58 | 4305 | " Libya, Tassili Najjer, Irrarene Dunes |
| 59 | 4306 | SW Libya, Hamade El Hamra |
| 60 | 4307 | Libya, Idehan of Ubari (sand sea), Sabha |
| 61 | 4308 | " " " " Stereo pair |
| 62 | 4309 | " Marzuk Sand Sea, stereo pairs |
| 63 | 4310 | " " " " " " |
| 64 | 4311 | " " " " " " |
| 65 | 4312 | " " " " " " |
| 66 | 4313 | " " " " " " |
| 67 | 4314 | " " " " " " |
| 68 | 4315 | Central African Republic, brush fires, NW winds |
| 69 | 4316 | Canada, Hudson Bay, Nelson R., York Factory, ice |
| 70 | 4317 | " " " " " " " " |
| 71 | 4318 | " St. Lawrence R., Gaspé Pen., stereo strip |
| 72 | 4319 | " " " " " " " " |
| 73 | 4320 | " " " " " " " " |
| 74 | 4321 | " " " " " " " " |
| 75 | 4322 | " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 76 | SL4-141-4323 | Canada, St. Lawrence R., Gaspé Pen., stereo strip |
| 77 | 4324 | " " " " " " " " |
| 78 | 4325 | " " " " " " " " |
| 79 | 4326 | " " " " " " " " |
| 80 | 4327 | " " " " " " " " |
| 81 | 4328 | British Columbia, Vancouver I., Coast Mts. |
| 82 | 4329 | " " Coast Mts. |
| 83 | 4330 | " " " " Vancouver I. |
| 84 | 4331 | Quebec, Gulf of St. Lawrence, Anticosti I. |
| 85 | 4332 | Cape Verde Is. |
| 86 | 4333 | British Columbia, Coast Mts., stereo pair |
| 87 | 4334 | " " " " " " |
| 88 | 4335 | Nebraska, Omaha, Lincoln, Missouri R., Platte R. |
| 89 | 4336 | USSR, Sakhalin I., Korsakov, sea ice |
| 90 | 4337 | " " " " " " |
| 91 | 4338 | " " " " " " |
| 92 | 4339 | " " " " " " |
| 93 | 4340 | Japan, Hokkaido, Kunashir, Sea of Okhotsk |
| 94 | 4341 | Newfoundland, Avalon Pen., sea ice |
| 95 | 4342 | " (almost entire island), Gulf of St. Lawrence |
| 96 | 4343 | Greenland, long range oblique |
| 97 | 4344 | Spain, east coast, Pyrenees, Barcelona |
| 98 | 4345 | " " " Valencia |
| 99 | 4346 | " " " Cartagena. Sierra Nevada |
| 100 | 4347 | " southeast coast, Sierra Nevada, Almeria |
| 101 | 4348 | Algeria, Oran, Mediterranean Coast, Tell Atlas |
| 102 | 4349 | " Algiers, Tell Atlas, Golfe de Bougie |
| 103 | 4350 | " Grand Erg Oriental |
| 104 | 4351 | Libya, Ubari sand sea |
| 105 | 4352 | " " " " |
| 106 | 4353 | " Tiririne Dunes, Ubari sand sea |
| 107 | 4354 | " Algeria, Tassili Najjer, Mavzuk sand sea, Hamadet Murzuk |
| 108 | 4355 | Chad, Libya, E. of Emi Koussi, Borkou |
| 109 | 4356 | SE Chad, SW Sudan, Ennedi |
| 110 | 4357 | Canary Is., island wake |
| 111 | 4358 | Algeria, Mauritania, Erg Iguidi |
| 112 | 4359 | " Northern Erg Iguidi |
| 113 | 4360 | " Erg Chech |
| 114 | 4361 | Mali, Lake Faguibine, Tombouctou (Timbuktu) |
| 115 | 4362 | " Tombouctou, Lake Horo, Coundam |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 116 | SL4-141-4363 | Hudson Bay, west shore, Nelson R., York Factory |
| 117 | 4364 | Canada, St. Lawrence R., Anticosti I., Quebec |
| 118 | 4365 | Quebec, " " " " " " |
| 119 | 4366 | " " " " " " |
| 120 | 4367 | " " " " " " |
| 121 | 4368 | " Gulf of St. Lawrence, ice |
| 122 | 4369 | Newfoundland, Avalon Pen., Benard cells |
| 123 | 4370 | Venezuela, Colombia, Rio Orinoco, Rio Guaviare, Rio Apure |
| 124 | 4371 | Calif., Klamath Mts. Sacramento Valley |
| 125 | 4372 | " Sierra Nevada, " " |
| 126 | 4373 | " " " " " R. in flood |
| 127 | 4374 | " " " " " " " |
| 128 | 4375 | " Nevada, Lake Tahoe, Reno, Pyramid Lake |
| 129 | 4376 | " " " " " " " |
| 130 | 4377 | " Monterey Bay, Coast Ranges, underexposed |
| 131 | 4378 | " " " " " " " |
| 132 | 4379 | Nev., Calif., Panamint Range |
| 133 | 4380 | " " " " " Death Valley |
| 134 | 4381 | Calif., Mojave Desert, Garlock Fault, stereo strip |
| 135 | 4382 | " " " " " " " |
| 136 | 4383 | " " " " " " " |
| 137 | 4384 | " " " " " " " |
| 138 | 4385 | Nev., Las Vegas, Lake Mead, stereo pair |
| 139 | 4386 | " " " " " " " |
| 140 | 4387 | Salton Sea, Imperial Valley, Chocolate Mts., stereo pair |
| 141 | 4388 | " " " " " " " |
| 142 | 4389 | " " " " " " " |
| 143 | 4390 | Ariz., Yuma, mainly clouds, stereo strip |
| 144 | 4391 | " " " " " " " |
| 145 | 4392 | Mexico (Sonora), Gulf of Calif., Stereo strip |
| 146 | 4393 | " " " " " " " |
| 147 | 4394 | " " " Sierra Madre Occidental, stereo strip |
| 148 | 4395 | " " " " " " " |
| 149 | 4396 | " " " " " " " |
| 150 | 4397 | " " " " " " " |
| 151 | 4398 | " " " " " " " |
| 152 | 4399 | " " " " " " " |
| 153 | 4400 | " " " " " " " |
| 154 | 4401 | Sierra Madre Occidental, Barranca de Cobre, Navajoa |
| 155 | 4402 | Italy, Po Valley, Alps, Apennines |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|--|
| 156 | SL4-141-4403 | Italy, Austria, Yugoslavia, Slps, Gulf of Venice, Trieste |
| 157 | 4404 | Yugoslavia, Austria, Hungary, Zagreb |
| 158 | 4405 | " Dinavic Alps, Adriatic Sea, Belgrade |
| 159 | 4406 | " " " Northern Albania |
| 160 | 4407 | Italy, Foggia, Gulf of Manfredonia |
| 161 | 4408 | Albania, Yugoslavia, Greece, Ohridsko Vez and Prespansko Vezero (lakes) |
| 162 | 4409 | Greece, Gulf of Corinth, Peloponnesus |
| 163 | 4410 | Algeria, oblique along Mediterranean coast, Oran in distance, Tell Atlas |
| 164 | 4411 | Libya, Ubari sand sea, Hamadet of Murzuk |
| 165 | 4412 | Kenya, area SE of Lake Rudolph, volcanic area |
| 166 | 4413 | S. D., Black Hills, Badlands, Rockies, snow pattern |
| 167 | 4414 | Hudson Bay, east coast, Nastopoka Is., Belcher Is., ice |
| 168 | 4415 | Spain, Morocco, Strait of Gibraltar |
| 169 | 4416 | " oblique of Iberian Pen. to NE, Lisbon |
| 170 | 4417 | " and Portugal, Lisbon |
| 171 | 4418 | SW Algeria, Adrai Iforas, Ahaggar |
| 172 | 4419 | Zaire; Congo R., Lake Tumba Tondo, Lake Leopold II |
| 173 | 4420 | Cape Verde Is., cloud vortices |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-18(142) CAMERA Hasselblad LENS 100-mm FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-142-4421 | Mont., Bear Paw Mts., S. Alberta |
| 2 | 4422 | " Ft. Peck Res., view to SW, snow cover |
| 3 | 4423 | Central Manitoba, edge of Canadian shield |
| 4 | 4424 | Chesapeake Bay, laser experiment not visible |
| 5 | 4425 | " " " " " " |
| 6 | 4426 | Sunglint on Atlantic O. SE of Bermuda about 25°N, 55°W |
| 7 | 4427 | Fla., Coast, Cape Canaveral to Miami |
| 8 | 4428 | Fla., Miami, Straits of Fla., Bahama Bank |
| 9 | 4429 | Fla., Miami, Fla. Keys, Bahama Bank |
| 10 | 4430 | Oregon, N. Calif., Crater Lake, Klamath Lake |
| 11 | 4431 | N. Calif., Klamath Mts., Sacramento Valley |
| 12 | 4432 | Central Calif., Sacramento R. in flood, San Francisco |
| 13 | 4433 | Nev., Ely, Ruby Range, Pancake Range, White Pine Mts. |
| 14 | 4434 | Central Calif., Sierra Nevada, Mono Lake, Lake Tahoe |
| 15 | 4435 | Ariz., Nev., Utah, Lake Mead, Grand Canyon, snow cover |
| 16 | 4436 | " Utah, Grand Canyon, Lake Powell, snow cover |
| 17 | 4437 | " Colo., N.M., Lake Powell, SE Utah, 4-Corners area, snow |
| 18 | 4438 | Central Ariz., Flagstaff, Meteor Crater, Mogollon Rim, snow cover |
| 19 | 4439 | Ariz., Phoenix, Gila R., no clouds or snow |
| 20 | 4440 | " " stereo pair |
| 21 | 4441 | Tex., Mexico, Rio Grande, Gulf Coast, Falcon Res. |
| 22 | 4442 | Mexico, Gulf of Tehuantepec, Salina Cruz |
| 23 | 4443 | Guatemala, El Salvador, Punta Remidios |
| 24 | 4444 | Pacific O. W. of Columbia "red tide" |
| 25 | 4445 | " " " " " " |
| 26 | 4446 | " " " " " " |
| 27 | 4447 | Colombia, Pacific Coast, Tumaco, sediment patterns |
| 28 | 4448 | USSR, Sakhalin I., sea ice |
| 29 | 4449 | " " " " " " |
| 30 | 4450 | " " " " " " |
| 31 | 4451 | " " " " " Seamount Group |
| 32 | 4452 | "Seamounts" probably reefs, 30°W, 49°N, Faraday Seamount Group |
| 33 | 4453 | " " " " " " |
| 34 | 4454 | Cyprus, roll clouds, stereo strip |
| 35 | 4455 | " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 36 | SL4-142-4456 | Cyprus, roll clouds, stereo strip |
| 37 | 4457 | " " " " " |
| 38 | 4458 | " " " " " |
| 39 | 4459 | " " " " " |
| 40 | 4460 | " " " " " |
| 41 | 4461 | N.Y., N.J., Conn. |
| 42 | 4462 | N.Y., Conn., R.I., Mass., Block I. |
| 43 | 4463 | " N.J., Conn., New York City, Long I. |
| 44 | 4464 | Von Karman Vortices, Cape Verde Is. |
| 45 | 4465 | Iowa, S. D., Minn., Sioux City, Sioux Falls, Worthington, Minn. Minn R. |
| 46 | 4466 | Ill., Iowa, Mo., Mississippi R., Rock I., Cedar Rapids |
| 47 | 4467 | Iowa, Neb., Des Moines, Omaha, snow cover w/unusual pattern |
| 48 | 4468 | Ill., Wisc., Ind., Chicago, Milwaukee, snow cover, Lake Michigna |
| 49 | 4469 | " Mo., St. Louis, badly underexposed, Mississippi R. |
| 50 | 4470 | N. C., Cape Hatteras, Pamlico Sound |
| 51 | 4471 | S. C. Coast, Charleston |
| 52 | 4472 | Bahama Is., cloud streets behind islands |
| 53 | 4473 | Nev., Calif., Sierra Nevada, Mono Lake, Lake Tahoe, snow cover |
| 54 | 4474 | Ariz., Utah, Lake Powell, Henry Mts., Aquains Plateau, snow |
| 55 | 4475 | Utah, Wyo., Colo., Uinta Mts., Green R., Wind River Mts. |
| 56 | 4476 | Ariz., San Francisco Mts., Flagstaff, Grand Canyon |
| 57 | 4477 | Colo., Utah, Ariz., N.M., 4-Corners Area, Colo. R., Grand Junction |
| 58 | 4478 | Mexico, Laguna Los Terminos, Yucatan, Yucatan current |
| 59 | 4479 | Cuba, Isle of Pines, Havana, Gulf of Batabano |
| 60 | 4480 | El Salvador, Honduras, Nicaragua, Gulf of Fonseca |
| 61 | 4481 | Costa Rica, Gulf of Nicoya, Puntarenas |
| 62 | 4482 | Calif., San Francisco to Los Angeles, Coast looking east |
| 63 | 4483 | " " " " " " " " " " |
| 64 | 4484 | " Coast Range, Salinas Valley, Los Angeles, San Joaquin Valley |
| 65 | 4485 | " Channel Is., Los Angeles, Mojave Desert |
| 66 | 4486 | Calif., Nev., Ariz., Baja, Los Angeles, San Diego, Lake Mead |
| 67 | 4487 | " " " " " " " " " Salton Sea |
| 68 | 4488 | Mexico, (Baja Calif.-Sonora) Baja Calif., Gulf of Calif. |
| 69 | 4489 | " " " " " " " " " " |
| 70 | 4490 | Japan, Hokkaido I., Abashiri, snow cover |
| 71 | 4491 | Von Karman vortices and Benard cells about 35°N, 55°W, NE of Bermuda |
| 72 | 4492 | " " " " " " " " " " |
| 73 | 4493 | " " " " " " " " " " |
| 74 | 4494 | Chad, unique drainage in savanna lands |
| 75 | 4495 | Tanzania, about 5°S, 33°E, chiefly clouds |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 76 | SL4-142-4496 | Mali, Niger R., Mopti |
| 77 | 4497 | Upper Volta, Ouagadougou, Mali, Niger River |
| 78 | 4498 | Galapagos Is., Isabela and Fernandina |
| 79 | 4499 | " " San Cristobal |
| 80 | 4500 | Chile, Valparaiso, Andes, view toward Argentina |
| 81 | 4501 | Chile, Argentina, Andes, view toward Mendoza Province, Argentina |
| 82 | 4502 | Argentina, view to E., Bahia Blanca on horizon, Andes in foreground |
| 83 | 4503 | S. Pacific, eddies in clouds, about 20°S, 120°W |
| 84 | 4504 | " " 1 revolution later, 20°S, 120°W |
| 85 | 4505 | Japan, Tokyo, smog blowing out to sea, snow in mountains |
| 86 | 4506 | Samoa, Upolu and Savaii Is., Apia |
| 87 | 4507 | China (Inner Mongolia) view to west, vicinity 40°N, 102°E |
| 88 | 4508 | " " Koko Nor (Lake) A-la Shan (Mts.) in foreground |
| 89 | 4509 | " Yellow Sea Coast, Kiangsu Province, N. Kiangsu Canal |
| 90 | 4510 | Nigeria, Cameroon, smoke from slash burnin, |
| 91 | 4511 | Angola or Zambia "speckled land" |
| 92 | 4512 | Botswana |
| 93 | 4513 | Venezuela, Gulf of Venezuela, sediment patterns |
| 94 | 4514 | " " " " " " |
| 95 | 4515 | " Lake Maracaibo, sediment patterns |
| 96 | 4516 | " " " " " " |
| 97 | 4517 | " " " " " " |
| 98 | 4518 | Connective cells in cumulus over ocean |
| 99 | 4519 | " " " " " " |
| 100 | 4520 | Calif., Monterey Bay, Diablo Range, underexposed |
| 101 | 4521 | " Diablo Range, San Joaquin Valley, cloudy |
| 102 | 4522 | " Coast Ranges, Monterey Bay to Pt. Concepcion, dark |
| 103 | 4523 | " Santa Barbara, Channel Is., dark, many clouds |
| 104 | 4524 | Peru, Chimbote, sunglint in ocean |
| 105 | 4525 | " near Lima, San Lorenzo I., sunglint in ocean |
| 106 | 4526 | China, Tientsin, Peking, Gulf of Chihli |
| 107 | 4527 | Fla., fire in Big Cypress Swamp |
| 108 | 4528 | Bahama Is., Andros |
| 109 | 4529 | Colombia, Venezuela, Guajira Pen., Gulf of Venezuela, sedimentation |
| 110 | 4530 | Calif. Coast, San Francisco to Los Angeles, view south into sur |
| 111 | 4531 | " " " " view South into sun |
| 112 | 4532 | " Los Angeles, Mojave Desert, view South into sun |
| 113 | 4533 | " San Francisco Bay, sediment pattern, dark |
| 114 | 4534 | " " " " " " |
| 115 | 4535 | " Monterey Bay, San Joaquin Valley, Coast Ranges |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 116 | SL4-142-4536 | Coast Ranges from Monterey Bay to Santa Barbara |
| 117 | 4537 | Calif., Coast Ranges, Point Arquello, San Joaquin Valley |
| 118 | 4538 | " Transverse Ranges, Bakersfield, Mojave Desert, Los Angeles |
| 119 | 4539 | " Tehachapi Mts., Garlock & San Andreas Faults, Los Angeles |
| 120 | 4540 | " Sierra Nevada, China Lake, Mojave Desert, Mt. Whitney |
| 121 | 4541 | " " " " " " " " " " |
| 122 | 4542 | " Mojave Desert, Los Angeles, San Andreas Fault, San Diego |
| 123 | 4543 | " " " " " " " " " " |
| 124 | 4544 | " Baja Calif., Salton Sea, San Diego, Peninsula Range |
| 125 | 4545 | " " " " " " " " " " |
| 126 | 4546 | " " " " " " " " " " |
| 127 | 4547 | Baja Calif., Gulf of Calif., Colorado R. |
| 128 | 4548 | " " " " " " " " " " |
| 129 | 4549 | " " " " " " " " " " |
| 130 | 4550 | " " " " " " " " " " |
| 131 | 4551 | Calif., Mojave Desert, Los Angeles, San Joaquin Valley |
| 132 | 4552 | Baja Calif., Gulf of Calif. |
| 133 | 4553 | Mexico (Sonora), Sierra Madre Occidental, Gulf of Calif. |
| 134 | 4554 | " " " " " " " " " distant view |
| 135 | 4555 | Cook Is., S. Pacific |
| 136 | 4556 | Mauritania, Senegal, Senegal R. |
| 137 | 4557 | Portugese Guinea, Atlantic Coast, Bissau, sediment patterns |
| 138 | 4558 | Calif., Coast Ranges, stereo pair, cloudy |
| 139 | 4559 | " " " " " " " " " " |
| 140 | 4560 | " Sierra Nevada, Mojave Desert, San Joaquin Valley |
| 141 | 4561 | " " " " " " " " " " |
| 142 | 4562 | " Los Angeles, San Bernadino Mts., Peninsular Ranges |
| 143 | 4563 | " " " " " " " " " " |
| 144 | 4564 | " Ariz., Salton Sea, Gulf of Calif., Sonora |
| 145 | 4565 | " " " " " " " " " " |
| 146 | 4566 | Nicaragua, Honduras, Pacific Coast, Managua, Lake Managua |
| 147 | 4567 | Costa Rica, Gulf of Nicoya, Puntarenas |
| 148 | 4568 | " " " " " " " " " " |
| 149 | 4569 | Brazil, Porto Alegre, coastal blooming, sand dunes |
| 150 | 4570 | " Lagoa dos Patos |
| 151 | 4571 | " Uruguay, Rio de la Plata |
| 152 | 4572 | Chile, coast between Valparaíso and Concepcion, Humboldt current |
| 153 | 4573 | " " " " " " " " " " |
| 154 | 4574 | S. Atlantic, Falkland current |
| 155 | 4575 | " " " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 156 | SL4-142-4576 | Ice island, S. Atlantic, about 49°S, 30°W |
| 157 | 4577 | " " " " " " |
| 158 | 4578 | Mauritania, Spanish Sahara, Cape Blanc, Plankton bloom in ocean |
| 159 | 4579 | Mali, Inland Delta of the Niger R., Timbuctu |
| 160 | 4580 | Great Plains, oblique to SW over Kan., Okla., Tex., White Sands |
| 161 | 4581 | SW United States, Gulf of Calif., Sonora, unusual clouds |
| 162 | 4582 | Tex., Houston, Galveston Bay |
| 163 | 4583 | Falkland current |
| 164 | 4584 | Japan, Hokkaido I., ice plume and roll clouds |
| 165 | 4585 | USSR, Lake Baikal, Sayan Fault, sunrise photo |
| 166 | 4586 | " Vladivostok |
| 167 | 4587 | N. Korea, China border, snow covered |
| 168 | 4588 | Japan, Tokyo, oblique view to West over Honshu |
| 169 | 4589 | China, Nanking, Yangtze R., Kao-Yuhu (Lake) snow cover |
| 170 | 4590 | New Zealand, North I., Northland, Ninety Mile Beach |
| 171 | 4591 | " " " " Auckland |
| 172 | 4592 | " " " " South Is. |
| 173 | 4593 | Chatham I., Pitt I. |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO CX-45 143 CAMERA Hasselblad LENS 100-mm FILM TYPE SQ-368

DESCRIPTION Ektachrome, MS WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-143-4594 | Clouds. underexposed, some light fogging |
| 2 | 4595 | " " Idaho, Nev. |
| 3 | 4596 | " " " " |
| 4 | 4597 | " " Great Salt Lake Desert, Utah, Nev. |
| 5 | 4598 | " " " " " " " " |
| 6 | 4599 | Tex., Gulf of Mexico, Pollution at Mouth of Brazos, Galveston I. |
| 7 | 4600 | La., Vermillion Bay, Terrebonne Bay, Bayou Teche, Gulf of Mexico. |
| 8 | 4601 | " Mouth of Mississippi, sediments in Gulf of Mexico |
| 9 | 4602 | Columbia, Barranquilla, Mouth of Magdalena, Cartagena |
| 10 | 4603 | Mexico, (Baja Calif.-Sonora), Sea of Cortez, Mouth of Colo. |
| 11 | 4604 | " " " " " " Tiburon I. |
| 12 | 4605 | " " " Cabo San Lucas |
| 13 | 4606 | " USA, looking NE across Chihuahua, Sonora, Sierra Madre Occ. |
| 14 | 4607 | " looking NNW, Sea of Cortez, Baja Calif., Sonora |
| 15 | 4608 | Argentina, Uruguay, Mouth of Rio Dela Plata, Montevideo, Buenos Aires |
| 16 | 4609 | South Atlantic Ocean, east of Argentina, Ocean currents |
| 17 | 4610 | " " " " " " " " |
| 18 | 4611 | " " " " " " " " |
| 19 | 4612 | Okla., Kan., Ark., Mo., Tulsa, Arkansas R., Ft. Gibson Res. |
| 20 | 4613 | Underexposed |
| 21 | 4614 | Ark., Okla., Arkansas R., Little Rock, Ft. Smith, Boston Mts. |
| 22 | 4615 | Calif., Los Angeles, Mojave Desert, Sierra Nevada, San Joaquin Valley |
| 23 | 4616 | Mexico (Sonora-Chihuahua-Sinaloa) Sierra Madre Occidental, looking NE |
| 24 | 4617 | " " " " " " " " |
| 25 | 4618 | " Sinaloa-Chihuahua-Durango " " " " " |
| 26 | 4619 | " " " " " " " " |
| 27 | 4620 | " " Nayarit-Durango " " " " " |
| 28 | 4621 | " " " " " " " " |
| 29 | 4622 | " Nayarit-Durango-Jalisco-Zacatecas, Sierra Madre Occidental |
| 30 | 4623 | South Atlantic Ocean, east of Argentina, ocean currents |
| 31 | 4624 | " " " " " " " " |
| 32 | 4625 | " " " " " " " " |
| 33 | 4626 | " " " " " " " " |
| 34 | 4627 | " " " " " " " " |
| 35 | 4728 | " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 36 | SL4-143-4629 | South Atlantic O , 1,000 Miles E. of Argentina, ocean currents |
| 37 | 4630 | " " " " " " " " " " |
| 38 | 4631 | " " " Ice I. & Bergs N. of So. Georgia I. |
| 39 | 4632 | Indonesia, Java, looking west Djakarta, Sumatra, Java Sea |
| 40 | 4633 | Malaysia (Sarawak), Brunei, Indonesia, (Borneo I.), Brunei, S.China Sea |
| 41 | 4634 | " " " Indonesia, Borneo I., Lupar R. |
| 42 | 4635 | " " " " " " " Kuching, Lupar R. |
| 43 | 4636 | Australia (No. Territory), Alice Springs, MacDonnel Range |
| 44 | 4637 | " (S. Australia), Lake Eyre Basin, Simpson Desert, flooding |
| 45 | 4638 | " " " " " " " " " " |
| 46 | 4639 | " " " " " " " Victoria, Murray R. Basin, Swan Hill |
| 47 | 4640 | " " " " " " " Melbourne |
| 48 | 4641 | " " " " " " " Victoria-New So. Wales, Hume Res. Wagga Wagga |
| 49 | 4642 | " " " " " " " New So. Wales, Riverina Area, Lachlan R., Murrumbidge R. |
| 50 | 4643 | Saudi Arabia-Yeman, Dunes in Rub Al Khali, looking SW |
| 51 | 4644 | " " " " " " " Sief Dunes in Rub Al Khali, looking SW |
| 52 | 4645 | " " " " " " " Qatar-Bahrain, Gulf of Bahrain, Al Hufuf, Oil well fires |
| 53 | 4646 | " " " " " " " Ar Riyad, Ad Dahna, looking North |
| 54 | 4647 | " " " " " " " Rub Al Khali Dunes (empty quarter) |
| 55 | 4648 | " " " " " " " Qatar-Trucial States, As Sanam Dunes, Rub Al Khali |
| 56 | 4649 | Skylab at undocking, Apollo Telescope Mount (ATM) |
| 57 | 4650 | " " " " " " " Multiple Docking Adapter (MDA) |
| 58 | 4651 | " " " " " " " MDA |
| 59 | 4652 | " " " " " " " " |
| 60 | 4653 | " " " " " " " " |
| 61 | 4654 | " " " " " " " " |
| 62 | 4655 | " " " " " " " " |
| 63 | 4656 | " " " " " " " ATM-MDA |
| 64 | 4657 | " " " " " " " Solar Panel |
| 65 | 4658 | " " " " " " " " |
| 66 | 4659 | " " " " " " " " |
| 67 | 4660 | " " " " " " " " |
| 68 | 4661 | " " " " " " " " |
| 69 | 4662 | " " " " " " " " |
| 70 | 4663 | " " " " " " " " |
| 71 | 4664 | " " " " " " " " |
| 72 | 4665 | " " " " " " " " |
| 73 | 4666 | " " " " " " " " |
| 74 | 4667 | " " " " " " " Flyaround |
| 75 | 4668 | " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | | | |
|-----------|--------------|--|---|---|---------------------------|---|---|-----|
| 76 | SL4-143-4669 | Skylab Flyaround, ATM, MDA, Solar Panel, Parasol | | | | | | |
| 77 | 4670 | " | " | " | " | " | " | " |
| 78 | 4671 | " | " | " | " | " | " | " |
| 79 | 4672 | " | " | " | " | " | " | " |
| 80 | 4673 | " | " | " | " | " | " | " |
| 81 | 4674 | " | " | " | " | " | " | " |
| 82 | 4675 | " | " | " | " | " | " | " |
| 83 | 4676 | " | " | " | " | " | " | OWS |
| 84 | 4677 | " | " | " | " | " | " | " |
| 85 | 4678 | " | " | " | " | " | " | " |
| 86 | 4679 | " | " | " | Solar Panel, OWS, Parasol | | | |
| 87 | 4680 | " | " | " | " | " | " | " |
| 88 | 4681 | " | " | " | " | " | " | " |
| 89 | 4682 | " | " | " | " | " | " | " |
| 90 | 4683 | " | " | " | " | " | " | " |
| 91 | 4684 | " | " | " | " | " | " | " |
| 92 | 4685 | " | " | " | " | " | " | " |
| 93 | 4686 | " | " | " | " | " | " | " |
| 94 | 4687 | " | " | " | " | " | " | " |
| 95 | 4688 | " | " | " | " | " | " | " |
| 96 | 4689 | " | " | " | " | " | " | " |
| 97 | 4690 | " | " | " | " | " | " | " |
| 98 | 4691 | " | " | " | " | " | " | " |
| 99 | 4692 | " | " | " | " | " | " | " |
| 100 | 4693 | " | " | " | " | " | " | " |
| 101 | 4694 | " | " | " | " | " | " | " |
| 102 | 4695 | " | " | " | " | " | " | " |
| 103 | 4696 | " | " | " | " | " | " | " |
| 104 | 4697 | " | " | " | " | " | " | " |
| 105 | 4698 | " | " | " | " | " | " | " |
| 106 | 4699 | " | " | " | " | " | " | " |
| 107 | 4700 | " | " | " | " | " | " | " |
| 108 | 4701 | " | " | " | " | " | " | " |
| 109 | 4702 | " | " | " | " | " | " | " |
| 110 | 4703 | " | " | " | " | " | " | " |
| 111 | 4704 | " | " | " | " | " | " | " |
| 112 | 4705 | " | " | " | " | " | " | " |
| 113 | 4706 | " | " | " | " | " | " | " |
| 114 | 4707 | " | " | " | " | " | " | " |
| 115 | 4708 | " | " | " | " | " | " | " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|--|
| 116 | SL4-143-4709 | Skylab Flyaround, OWS, Solar Panel, ATM, Parasol |
| 117 | 4710 | " " " " " " |
| 118 | 4711 | " " " " " " |
| 119 | 4712 | " " " " " " |
| 120 | 4713 | " " " " " " |
| 121 | 4714 | " " " " " " |
| 122 | 4715 | " " " " " " |
| 123 | 4716 | " " " " " " |
| 124 | 4717 | " Separation " " " " |
| 125 | 4718 | " " " " " " |
| 126 | 4719 | " " " " " " |
| 127 | 4720 | " " " " " " |
| 128 | 4721 | Guadeloupe I. |
| 129 | 4722 | Barbados I. |
| 130 | 4723 | Reentry, on parachute |
| 131 | 4724 | After Splash, Recovery Helicopter |
| 132 | 4725 | " " " " |
| 133 | 4726 | Out of focus - END OF ROLL - END OF MISSION |

END OF ROLL

SECTION II

35mm Nikon
(Earth-Looking)

SKYLAB - 4

NOVEMBER 16, 1973 - FEBRUARY 8, 1974

PHOTOGRAPHIC IDENTIFICATION LIST

35-MM NIKON CAMERA

EARTH-LOOKING PHOTOGRAPHY

PREPARED BY:

RICHARD W. UNDERWOOD

PHOTOGRAPHIC TECHNOLOGY DIVISION

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HOUSTON, TEXAS 77058

and

PAUL D. LOWMAN, JR., PhD.

GODDARD SPACE FLIGHT CENTER

GREENBELT, MARYLAND 20771

NOTE: Photographic quality, look angle, cloud cover, or haze not specifically evaluated. Users should inspect transparencies prior to ordering prints. This list is intended to provide user with a general location and picture subject. Only rolls which contain Earth-looking views are contained in this list.

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. IR-08 CAMERA Nikon LENS Various FILM TYPE 2443

DESCRIPTION Infrared Ektachrome WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-152-5151 | Dr. Gibson, face view |
| 2 | 5152 | " " left side view |
| 3 | 5153 | " " face view |
| 4 | 5154 | " " left side view |
| 5 | 5155 | Colonel Pogue, face view |
| 6 | 5156 | " " left side view |
| 7 | 5157 | Blank |
| 8 | 5158 | Colonel Carr, face view |
| 9 | 5159 | " " " " |
| 10 | 5160 | " " left side view |
| 11 | 5161 | " " face view |
| 12 | 5162 | " " left side view |
| 13 | 5163 | Blank |
| 14 | 5164 | Colonel Carr, face, full body |
| 15 | 5165 | Fogged |
| 16 | 5166 | Colonel Carr, face, full body |
| 17 | 5167 | Blank, fogged |
| 18 | 5168 | " " |
| 19 | 5169 | " " |
| 20 | 5170 | " " |
| 21 | 5171 | " " |
| 22 | 5172 | " " |
| 23 | 5173 | " " |
| 24 | 5174 | El Salvador, Gulf of Fonseca, Illopango Lake, Part fogged |
| 25 | 5175 | Clouds over water, part fogged |
| 26 | 5176 | Nicaragua, Honduras, Gulf of Fonseca, fogged |
| 27 | 5177 | Costa Rica, fogged |
| 28 | 5178 | Panama, fogged |
| 29 | 5179 | Peru, Amazon R., partial fogged |
| 30 | 5180 | " " " " |
| 31 | 5181 | Interior light source, underexposed, out of focus |
| 32 | 5182 | " " " " " " |
| 33 | 5183 | Paraguay, Argentina, Asuncion, Rio Paraguay |
| 34 | 5184 | Brazil, Lagoa Dos Patos |
| 35 | 5185 | Unique clouds over S. Atlantic |

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT DESCRIPTION, LOCATION, ETC.</u> |
|----------------------|---------------------|--|
| 36 | SL4-152-5186 | Mexico, Baja Calif., out of focus |
| 37 | 5187 | Clouds, Texas Coast, underexposed |
| 38 | 5188 | " |
| 39 | 5189 | Colonel Pogue, face view |
| 40 | 5190 | " " left side view |
| 41 | 5191 | " " face view |
| 42 | 5192 | " " left side view |
| 43 | 5193 | Out of focus, clouds, water |
| 44 | 5194 | " " " Argentina, Pampas |
| 45 | 5195 | Astronaut shoulder |
| 46 | 5196 | " " partial frame |
| 47 | 5197 | " " " " |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. IR-10 CAMERA Nikon LENS Various FILM TYPE 2443

DESCRIPTION Infrared, Ektachrome WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-154-5236 | Colonel Pogue, face view, full |
| 2 | 5235 | Blank |
| 3 | 5234 | Colonel Pogue, side view, right, full |
| 4 | 5233 | " " rear view, full |
| 5 | 5232 | Dr. Gibson, face view, full |
| 6 | 5231 | " " right side view, full |
| 7 | 5230 | " " rear view, full |
| 8 | 5229 | Colonel Carr, face view, full |
| 9 | 5228 | " " right side view, full |
| 10 | 5227 | " " rear view, full |
| 11 | 5226 | Overexposed, out of focus |
| 12 | 5225 | " " " " |
| 13 | 5224 | " " " " |
| 14 | 5223 | " " " " |
| 15 | 5222 | " " " " |
| 16 | 5221 | " " " " |
| 17 | 5220 | " " " " |
| 18 | 5219 | " " " " |
| 19 | 5218 | Colonel Pogue, face view |
| 20 | 5217 | " " left side view |
| 21 | 5216 | " " face view |
| 22 | 5215 | " " left profile, face |
| 23 | 5214 | Dr. Gibson, face view |
| 24 | 5213 | " " left side view |
| 25 | 5212 | " " face view |
| 26 | 5211 | " " left side view |
| 27 | 5210 | Out of focus, Venezuela, Colombia, Maricaoibo |
| 28 | 5209 | " " " " " " |
| 29 | 5208 | " " " " " " |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. IR-11 CAMERA Nikon LENS Various FILM TYPE 2443

DESCRIPTION Infrared Ektachrome WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-155-5237 | Colonel Carr, face view |
| 2 | 5238 | " " side view |
| 3 | 5239 | " " face view |
| 4 | 5240 | " " side view |
| 5 | 5241 | Out of focus, Japan |
| 6 | 5242 | " " " " |
| 7 | 5243 | " " " Hokkaido |
| 8 | 5244 | " " " " |
| 9 | 5245 | " " " Kuril Is. |
| 10 | 5246 | " " " " |
| 11 | 5247 | Blank |
| 12 | 5248 | " |
| 13 | 5249 | Colonel Carr, face view, full |
| 14 | 5250 | " " side view, full |
| 15 | 5251 | " " back view, full |
| 16 | 5252 | " " face view, full |
| 17 | 5253 | " " side view, full |
| 18 | 5254 | " " back view, full |
| 19 | 5255 | Brazil, Rio Mateus, Punta Da Baleia |
| 20 | 5256 | Argentina, Patagonia, Golfo San Jorge, Rio Descado |
| 21 | 5257 | Underexposed, clouds |
| 22 | 5258 | Mauritania, Spanish Sahara, Baie Du Levrier, Cap Blanc |
| 23 | 5259 | Brazil, Mouth of Sao Francisco, Aracaju |
| 24 | 5260 | " Rio Jequitinhona, Ilheus, Punta Baleia |
| 25 | 5261 | Underexposed, Chile, Punta Rõnca, Rio Tolten |
| 26 | 5262 | Argentina, Chile, Lago Buenos Aires, Patagonia |
| 27 | 5263 | " Lago Musters, Lago Colhue Huapi |
| 28 | 5264 | " Pen. De Valdez, Golfo Nuevo, Punta Ninias |
| 29 | 5265 | China (Kiangsu), Kao-Yu Lake, Tsingtao, Yellow Sea |
| 30 | 5266 | " " Tai Lake, Chengchaing, Yangtze R. |
| 31 | 5267 | " " Hung-Tse Lake, Kao-Yu Lake, Nanking |
| 32 | 5268 | Clouds over water |
| 33 | 5269 | Taiwan, underexposed |
| 34 | 5270 | " " |
| 35 | 5271 | Blank |

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT DESCRIPTION, LOCATION, ETC.</u> |
|----------------------|---------------------|--|
| 36 | SL4-155-5272 | Argentina, Gulfo De San Jorge, Cabo Dos Bahias |
| 37 | 5273 | " Cabo Dos Bahias, Gulfo San Jorge |
| 38 | 5274 | Blank |
| 39 | 5275 | Dr. Gibson, face view, full |
| 40 | 5276 | " " side view, left, full |
| 41 | 5277 | Blank |
| 42 | 5278 | Dr. Gibson, back view, full |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. IR-12 CAMERA Nikon LENS Various FILM TYPE 2443

DESCRIPTION Infrared, Ektachrome WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | | Underexposed |
| 2 | | Underexposed |
| 3 | | Underexposed |
| 4 | SL4-156-5279 | No filter, Peru, Chimbote, Cordillera Blanca |
| 5 | 5280 | " " " " " " |
| 6 | 5281 | " " " Mollendo, Pampa De La Joyo, Pampa Majes |
| 7 | 5282 | " " " Chile, Arica, Ilo, Tacna, Punta Pisagua |
| 8 | 5283 | " " " Nazca, Ica, Pisco, San Juan |
| 9 | 5284 | " " " Chile, Peru, Arica, Ilo, Tacna |
| 10 | 5285 | " " " Antofagasta, Tocopilla |
| 11 | 5286 | " " " " " Taltal, Copalpo, Antofagasta |
| 12 | 5287 | " " " Argentina, Pampas, Santa Rosa, Rio Salado |
| 13 | 5288 | Clouds over water, plankton |
| 14 | 5289 | " " " " " |
| 15 | 5290 | " " " " " |
| 16 | 5291 | " " " ice islands and bergs |
| 17 | 5292 | Burma, Mouths of Irrawaddy, Rangoon, Mouth of Maraban |
| 18 | 5293 | Thailand, Malasia, Malay Pen., Kota Bharu, Alor Star |
| 19 | 5294 | Calif., Ariz., Baja Calif., Sonora, Salton Sea, Mouth of Colo. |
| 20 | 5295 | " " " " " " " " " " |
| 21 | 5296 | Tex., N. M., Colo., Ariz., Utah, San Juan Mts., Llano Estacado |
| 22 | 5297 | " " " " " " " " " " |
| 23 | 5298 | Clouds, overexposed |
| 24 | 5299 | " " " " " " " " " " |
| 25 | 5300 | Brazil, Coast at Lagoa Dos Patos |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. IR-13 CAMERA Nikon LENS Various FILM TYPE 2443

DESCRIPTION Infrared Ektachrome WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-157-5301 | Ocean currents, plankton |
| 2 | 5302 | " " " " " " " " |
| 3 | 5303 | Cape Verde Is., Sao Nicclao, Sao Antao |
| 4 | 5304 | Wisc., Ill., Lakes Michigan, Winnebago, Chicago, Milwaukee |
| 5 | 5305 | Uruguay, Argentina, Mouth of Rio, Dela Plata, Buenos Aires |
| 6 | 5306 | " " " " " " " " Montevedio |
| 7 | 5307 | Ocean currents, Pacific East of Australia |
| 8 | 5308 | " " " " " " " " |
| 9 | 5309 | " " " " " " " " |
| 10 | 5310 | " " " " " " " " |
| 11 | 5311 | " " " " " " " " |
| 12 | 5312 | " " " " " " " " |
| 13 | 5313 | " " " " " " " " |
| 14 | 5314 | " " " " " " " " |
| 15 | 5315 | " " " " " " " " |
| 16 | 5316 | Australia, Queensland, Fraser I., Hervey Bay |
| 17 | 5317 | " " " " " " " " New South Wales, Clarence R., Coolangatta |
| 18 | 5318 | " " " " " " " " |
| 19 | 5319 | New Zealand, South I., Banks Pen., Christchurch |
| 20 | 5320 | " " " " " " " " North I., South I., Cook Strait, Wellington |
| 21 | 5321 | Ocean currents East of New Zealand |
| 22 | 5322 | Tenn., Ark., Miss., Memphis, Mississippi R. |
| 23 | 5323 | Ala., Tenn., Birmingham, Huntsville, Tennessee R. |
| 24 | 5324 | Fla., Fla. Keys, Fla. Bay, Everglades |
| 25 | 5325 | " " " " " " " " Miami, Fla. Keys, Bimini I., Everglades |
| 26 | 5326 | Cuba, West half looking West |
| 27 | 5327 | Chile, Coastal blooming plankton, Constitucion, Rio Maule |
| 28 | 5328 | " " " " " " " " Concepcion, Rio Bio Bio |
| 29 | 5329 | Dr. Gibson, face view |
| 30 | 5330 | " " " " " " " " left side view |
| 31 | 5331 | " " " " " " " " face view |
| 32 | 5332 | " " " " " " " " left side view |
| 33 | 5333 | " " " " " " " " face view |
| 34 | 5334 | " " " " " " " " left side view |
| 35 | 5335 | Colonel Pogue, face view |

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT DESCRIPTION, LOCATION, ETC.</u> |
|----------------------|---------------------|---|
| 36 | SL4-157-5336 | Colonel Pogue, left side view |
| 37 | 5337 | " " face view |
| 38 | 5338 | " " left side view |
| 39 | 5339 | New Zealand, North I., South I., Cape Palliser, Cook Strait |
| 40 | 5340 | Clouds over water |
| 41 | 5341 | Colonel Carr, face view |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-56 CAMERA Nikon LENS Various FILM TYPE SO-368
DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-185-6662 | New Zealand, Banks Pen., Christchurch |
| 2 | 6663 | Line of clouds over ocean |
| 3 | 6664 | " " " " " |
| 4 | 6665 | Argentina, Pen. De Valdez, plankton bloom |
| 5 | 6666 | Ocean glitter pattern, green streak in ocean |
| 6 | 6667 | " " " " " " |
| 7 | 6668 | Deep Blue Ocean, swells, numerous small features |
| 8 | 6669 | New Zealand, North I., South I., Cape Palliser, Cape Campbell |
| 9 | 6670 | EVA Underexposed, no image |
| 10 | 6671 | " " " " |
| 11 | 6672 | " " " " |
| 12 | 6673 | " " " " |
| 13 | 6674 | " " " " |
| 14 | 6675 | " " " " |
| 15 | 6676 | " " " " |
| 16 | 6677 | " " " " |
| 17 | 6678 | " " " " |
| 18 | 6679 | " " " " |
| 19 | 6680 | " " " " |
| 20 | 6681 | " " " " |
| 21 | 6682 | " " " " |
| 22 | 6683 | " " " " |
| 23 | 6684 | " ATM Instruments |
| 24 | 6685 | " " " |
| 25 | 6686 | " " " |
| 26 | 6687 | " " Solar Panel |
| 27 | 6688 | " " and OWS Solar Panels |
| 28 | 6689 | " OWS and Solar Panel |
| 29 | 6690 | " " Astronaut retrieving film, panel venting gas |
| 30 | 6691 | " ice island below, S. Atlantic O. |
| 31 | 6692 | " Astronaut and film pack on tether |
| 32 | 6693 | " ATM structure |
| 33 | 6694 | " Astronaut pulling film pack into airlock |
| 34 | 6695 | " MDA and ATM solar panel |
| 35 | 6696 | " ATM structure |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 36 | SL4-185-6697 | EVA, MDA, terminator in background |
| 37 | 6698 | " " and airlock |
| 38 | 6699 | " OWS + Z position, sunshade |
| 39 | 6700 | " " " " " " " " |
| 40 | 6701 | " " solar panel, ATM solar panel |
| 41 | 6702 | " MDA, Astronaut in airlock retrieving film |
| 42 | 6703 | " OWS, sunshade |
| 43 | 6704 | " " " " |
| 44 | 6705 | " " " " |
| 45 | 6706 | " Astronaut in airlock |
| 46 | 6707 | " " " " retrieving film |
| 47 | 6708 | " OWS, root of missing solar panel |
| 48 | 6709 | " " " " " " " " |
| 49 | 6710 | " ATM instruments |
| 50 | 6711 | " " " " |
| 51 | 6712 | " " " " |
| 52 | 6713 | " " solar panel with Earth limb in background |
| 53 | 6714 | " " " " " " " " |
| 54 | 6715 | " " " " " " " " |
| 55 | 6716 | " SM RCS Thrusters |
| 56 | 6717 | " CSM RCS Thrusters, hatch |
| 57 | 6718 | " " " " " " " " |
| 58 | 6719 | " CM-MDA attachment |
| 59 | 6720 | " " " " " " " " |
| 60 | 6721 | " out of focus, part of spacesuit |
| 61 | 6722 | " " " " " " " structure |
| 62 | 6723 | " MDA, Microwave Radiometer |
| 63 | 6724 | " " " " " " " " |
| 64 | 6725 | " window, MDA/OWS interface |
| 65 | 6726 | " " " " " " " " |
| 66 | 6727 | " fogged, light struck, partial |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-55 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---------------------------------------|
| 1 | SL4-190-6959 | S-IVB Separation |
| 2 | 6960 | " " |
| 3 | 6961 | " " |
| 4 | 6962 | " " |
| 5 | 6963 | OWS Rendezvous |
| 6 | 6964 | " " |
| 7 | 6965 | " " |
| 8 | 6966 | " " |
| 9 | 6967 | " " |
| 10 | 6968 | " " |
| 11 | 6969 | " " |
| 12 | 6970 | " " |
| 13 | 6971 | " " |
| 14 | 6972 | " " |
| 15 | 6973 | " " |
| 16 | 6974 | " " |
| 17 | 6975 | " " |
| 18 | 6976 | " " |
| 19 | 6977 | " " |
| 20 | 6978 | " " |
| 21 | 6979 | " " |
| 22 | 6980 | " " |
| 23 | 6981 | " " |
| 24 | 6982 | ATM Solar Panel |
| 25 | 6983 | " " " |
| 26 | 6984 | OWS " " |
| 27 | 6985 | " Docking Port |
| 28 | 6986 | " " " |
| 29 | 6987 | " " " |
| 30 | 6988 | " " " |
| 31 | 6989 | ATM Solar Panel |
| 32 | 6990 | OWS Docking Port, MDA |
| 33 | 6991 | Greece, Peloponnesus, Gulf of Corinth |
| 34 | 6992 | " " " " " |
| 35 | 6993 | Egypt, Nile R., jet stream |

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT DESCRIPTION, LOCATION, ETC.</u> |
|----------------------|---------------------|---|
| 36 | SL4-190-6994 | Egypt, Nile R., jet stream |
| 37 | 6995 | Ethiopia, Danakil Depression (partial frame) |
| 38 | 6996 | " " " " |
| 39 | 6997 | Blank frame |
| 40 | 6998 | Partial fog, Ethiopia, Gulf of Tadjoura, Danakil Depression |
| 41 | 6999 | Blank |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POHLE)

MAGAZINE NO. CX-41 CAMERA Nikon LENS Various FILM TYPE SO-368
DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-191-7000 | Partial frame, Antipodes Is. |
| 2 | 7001 | Small oceanic island |
| 3 | 7002 | Blank |
| 4 | 7003 | Clouds, island wakes, location unknown |
| 5 | 7004 | Utah, Great Salt Lake, blurred, dark |
| 6 | 7005 | Canada, Hudson Bay, cloud streets over open waters, 1/16/74 |
| 7 | 7006 | " " " " " " " " " " |
| 8 | 7007 | " " " " " " " " " " |
| 9 | 7008 | Ariz., Grand Canyon, underexposed oblique |
| 10 | 7009 | Southern Ariz., underexposed |
| 11 | 7010 | Wash., Mt. Rainier, 1/17/74, 300-mm lens |
| 12 | 7011 | " Mt. Adams " " " " |
| 13 | 7012 | " Mt. Helens " " " " |
| 14 | 7013 | Portugal, Setubal, Alcacen, Sado R. |
| 15 | 7014 | " Lisbon, Tagus R., Cabo de Espichel |
| 16 | 7015 | Spain, Sierra Nevada, Almeria, Cartagena, Murcia |
| 17 | 7016 | New Hampshire, Newfound Lake, Plymouth, Laconia, Conn. R., New Haven |
| 18 | 7017 | " " " " " " " " " " |
| 19 | 7018 | " " " " " " " " Franklin |
| 20 | 7019 | Utah, Ariz., Lake Powell, dark |
| 21 | 7020 | Blurred, dark, probably Minneapolis, St. Paul |
| 22 | 7021 | Tex., Aransas Pass, Corpus Christi |
| 23 | 7022 | " Matagorda I., Matagorda Bay, Pass Cavallo |
| 24 | 7023 | Blank |
| 25 | 7024 | Land area, not identifiable, very dark photo |
| 26 | 7025 | " " " " " " " " |
| 27 | 7026 | USSR, West Coast of Kamchatka Peninsula, Cape Yuzhnyi, ice plumes |
| 28 | 7027 | " Volcanoes in Kamchatka Peninsula, Klyuchevskaya Sopka |
| 29 | 7028 | Clouds over ocean |
| 30 | 7029 | Hawaii, Oahu, Molokai, Lanai, Maui |
| 31 | 7030 | Hawaii, Island of Oahu, blurred |
| 32 | 7031 | " Lanai, Molokai, blurred |
| 33 | 7032 | Cumulus clouds, dark, area unknown |
| 34 | 7033 | blurred, location unknown, probably in Central Europe |
| 35 | 7034 | Alaska, Aleutian Range, Bristol Bay, Kuskokwim Mts. |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 36 | SL4-191-7035 | Alaska, oblique NW to Kodiak I. and Aleutian Range |
| 37 | 7036 | Baja Calif., Sierra San Pedro Martin, San Felipe Valley |
| 38 | 7037 | " " Pacific Coast, Punta Canoas |
| 39 | 7038 | " " Santa Columbia Range, San Agustin |
| 40 | 7039 | " " " " Moling Lacy |
| 41 | 7040 | " " Pacific Coast, Bahia De San Quentin, blurred |
| 42 | 7041 | Galapagos Is., Santa Cruz |
| 43 | 7042 | " " Isabela |
| 44 | 7043 | " " " |
| 45 | 7044 | " " " |
| 46 | 7045 | " " " Pta. Cristobal |
| 47 | 7046 | " " " dark |
| 48 | 7047 | Alaska, Aleutian Is., Unalaska I., Dutch Harbor |
| 49 | 7048 | Hawaiian Is., Maui, Haleakalu Crater |
| 50 | 7049 | " " " " " |
| 51 | 7050 | " " Hawaii, slopes of Mauna Loa |
| 52 | 7051 | " " " Mauna Kea |
| 53 | 7052 | " " " Hilo |
| 54 | 7053 | Clouds over coastline, Hawaii, partly obscured |
| 55 | 7054 | Rumania, Mouth of Danube R., Sulina, Black Sea |
| 56 | 7055 | Ethiopia, French Somalialand, Danakil Depression |
| 57 | 7056 | " " " " " Lake Assai |
| 58 | 7057 | " " " " " " |
| 59 | 7058 | " " " " " Gulf of Tadjoura |
| 60 | 7059 | Yemen, North shore of Gulf of Aden, volcano at Al Khayman |
| 61 | 7060 | Cape Verde Is., Fogo (volcano) |
| 62 | 7061 | Sea ice near Sakhalin I., blurred |
| 63 | 7062 | " " " " " " |
| 64 | 7063 | " " Sakhalin I., Khvalissokye, blurred |
| 65 | 7064 | " " " " blurred |
| 66 | 7065 | Kurile Is., volcanoes, ice, Hokkaido |
| 67 | 7066 | " " Hokkaido, ice flows |
| 68 | 7067 | Mali, Lake Faguibine |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-40 CAMERA Nikon LENS Various FILM TYPE SO-368
DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-192-7068 | Azores, Pico (Island) |
| 2 | 7069 | " underexposed, blurred |
| 3 | 7070 | Ill., Ind., Mich., Lake Michigan, Chicago |
| 4 | 7071 | Mich., Ontario, Lake Huron, Georgian Bay, floating ice |
| 5 | 7072 | Ontario, Lake Huron, Georgian Bay |
| 6 | 7073 | Newfoundland, Long Range Mts., ice in Strait of Belle Isle |
| 7 | 7074 | " " " " " " " " " " " " |
| 8 | 7075 | " White Bay, Horse Is. |
| 9 | 7076 | Cloud streets, North Atlantic, about 45°W 50°N |
| 10 | 7077 | " over ocean, possibly Pacific Ocean, 150 miles NE of Lucan |
| 11 | 7078 | " " " " " ocean 450 miles NE of Hawaii |
| 12 | 7079 | Wash., Mt. Rainier, Mt. Adams, Mt. St. Helens |
| 13 | 7080 | " " " " " " " " " " " " |
| 14 | 7081 | " Mt. Adams, Mt. St. Helens |
| 15 | 7082 | Almost completely dark, not identifiable |
| 16 | 7083 | " " " " " " " " " " " " |
| 17 | 7084 | " " " " " " " " " " " " |
| 18 | 7085 | Earth limb, Jupiter and Mars Setting |
| 19 | 7086 | " " " " " " " " " " " " |
| 20 | 7087 | " " " " " " " " " " " " |
| 21 | 7088 | " " " with clouds, sunrise |
| 22 | 7089 | " " " " " " " " " " " " |
| 23 | 7090 | " " " " " " " " " " " " |
| 24 | 7091 | Nev., Walker Lake, overexposed, partly obscured |
| 25 | 7092 | Minn., Minneapolis, obscured, overexposed |
| 26 | 7093 | Quebec, Manicouagan impact structure, Canada |
| 27 | 7094 | " Gulf of St. Lawrence, overexposed |
| 28 | 7095 | " " " " " " " " " " " " |
| 29 | 7096 | Labrador, Goose Bay, overexposed |
| 30 | 7097 | Blank |
| 31 | 7098 | Clouds, dark, blurred |
| 32 | 7099 | Blank |
| 33 | 7100 | Fla., Coral Gables, Biscayne Bay |
| 34 | 7101 | " " " " " " " " " " " " |
| 35 | 7102 | " Miami, Biscayne Bay |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 36 | SL4-192-7103 | Fla., Miami, Biscayne Bay |
| 37 | 7104 | N.C., Cape Lookout, dark blurred, partly obscured |
| 38 | 7105 | Buffalo, N.Y., Lake Erie, snow |
| 39 | 7106 | Hawaii, Kilauea, blurred, dark, cloudy |
| 40 | 7107 | " " " " " " |
| 41 | 7108 | Philippines, Luzon |
| 42 | 7109 | " " Ragay Bay |
| 43 | 7110 | " " Sierra Madre |
| 44 | 7111 | " " Bataan Peninsula, Manila Bay, Manila |
| 45 | 7112 | " " Lake Taal, Batangas, Verde I. Passage |
| 46 | 7113 | Japan, Sagami Bay, Fujiyama, S. end of Tokyo Bay |
| 47 | 7114 | " Tokyo, edge of Tokyo Bay |
| 48 | 7115 | " E. Coast of Honshu, Iwaki |
| 49 | 7116 | USSR, (Siberia) ice at Vladivostok |
| 50 | 7117 | Alaska, Aleutian Is., oblique toward mainland |
| 51 | 7118 | " " " " " Alaska Peninsula |
| 52 | 7119 | " " " Alaskan Peninsula, blurred |
| 53 | 7120 | " island wakes in clouds, Aleutian Is., blurred |
| 54 | 7121 | Blank |
| 55 | 7122 | India, Ganges R., blurred |
| 56 | 7123 | " " " " |
| 57 | 7124 | N. Y., Buffalo, Niagara R. |
| 58 | 7125 | " " " out of focus or blurred |
| 59 | 7126 | Alaska, S. Coast, Chugach Mts., St. Elias Mts. (Canada) |
| 60 | 7127 | " " " " " Copper R., Cordova |
| 61 | 7128 | Ill., Chicago, dark, blurred |
| 62 | 7129 | Ecuador, Galapagos Is., dark, cloudy |
| 63 | 7130 | Nicaragua, Honduras, Gulf of Fonseca, Cosiguina volcano, coast |
| 64 | 7131 | " Pacific Coast, Lake Managua |
| 65 | 7132 | Cuba, Guantanamo Bay, dark, blurred |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-39 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-193-7133 | Argentina, Rio Deseado, recent volcanic field |
| 2 | 7134 | S. Atlantic Ocean Track, S063 Experiment |
| 3 | 7135 | " " " " " " |
| 4 | 7136 | " " " " " " |
| 5 | 7137 | " " " " " " |
| 6 | 7138 | " " " " " " |
| 7 | 7139 | " " " " " " |
| 8 | 7140 | " " " " " " |
| 9 | 7141 | " " " " " " |
| 10 | 7142 | " " " " " " |
| 11 | 7143 | " " " " " " |
| 12 | 7144 | Ascension I. " " |
| 13 | 7145 | S. Atlantic Ocean Track, " " |
| 14 | 7146 | " " " " " " |
| 15 | 7147 | " " " " " " |
| 16 | 7148 | Fernando de Noronha I. (Brazil), island wake |
| 17 | 7149 | Fla., KSC, VAB, Complex 39, partly dark |
| 18 | 7150 | S. Pacific, Tuamotu Archipelago, about 140°W 19°S, lt. blue "seamount" |
| 19 | 7151 | Colo., Denver, snow cover, Golden Front Range |
| 20 | 7152 | Brazil, Santos, "Coastal bloom and red tide" |
| 21 | 7153 | " Rio de Janeiro |
| 22 | 7154 | Mexico, Mexico City (under smoke), Lake Texcoco, waterworks |
| 23 | 7155 | " " " " " " |
| 24 | 7156 | Quebec, Manicouagan impact structure, Canada |
| 25 | 7157 | Galapagos Is., visible through clouds |
| 26 | 7158 | " " " " " " |
| 27 | 7159 | " " " " " " |
| 28 | 7160 | S. Pacific, Marquesas Is., about 142°W 10°S "seamount" |
| 29 | 7161 | Central Pacific, "current boundary." light and dark water, 133°W 2°N |
| 30 | 7162 | Great Lakes, ice in Green Bay, Menominee, Michigan |
| 31 | 7163 | Philippine Is., Luzon, Clark Field, dark |
| 32 | 7164 | Japan, Sakurajima volcano eruption, 1/7/74, 0316 GMT |
| 33 | 7165 | Sakurajima, dark, blurred |
| 34 | 7166 | Japan, Mount Fuji, stereo pair |
| 35 | 7167 | " " " " " dark |

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT DESCRIPTION, LOCATION, ETC.</u> |
|------------------|-----------------|--|
| 36 | SL4-193-7168 | Fla., Cape Canaveral, cloud streets |
| 37 | 7169 | " Jacksonville to Tampa |
| 38 | 7170 | " view to South, Lake Okochobee, glitter pattern |
| 39 | 7171 | Tex., Dallas, Ft. Worth, Intercontinental Airport, Grapevine Res. |
| 40 | 7172 | " " " " " " dark, blurred |
| 41 | 7173 | Ark., Ouachita Mts., very dark, blurred |
| 42 | 7174 | Mo., Ill., St. Louis, snow scene, blurred |
| 43 | 7175 | Ill., Ind., Chicago snow scene, Lake Michigan |
| 44 | 7176 | Mo., Ill., St. Louis, snow scene, stereo pair |
| 45 | 7177 | " " " " " " " |
| 46 | 7178 | Quebec, Horizon view of Terminator, moon, Manicouagan impact structure |
| 47 | 7179 | Calif., Nev., Lake Tahoe, oblique view to North, clouds and snow |
| 48 | 7180 | Italy, Rome, oblique to West, dark |
| 49 | 7181 | Bahama Is., Cuba, glitter pattern |
| 50 | 7182 | Quebec, Gulf of St. Lawrence, Gaspe Peninsula, cloudy |
| 51 | 7183 | " " " " " " " dark |
| 52 | 7184 | Newfoundland, Goose Bay, Labrador Coast, moon, sea ice, dark |
| 53 | 7185 | " " " " " good exposure |
| 54 | 7186 | Bermuda, blurred |
| 55 | 7187 | Baja Calif. just S. of Punta Baja |
| 56 | 7188 | " " San Quentin |
| 57 | 7189 | " " Agua Blanca Fault |
| 58 | 7190 | " " " " Valle de la Trinidad |
| 59 | 7191 | Calif., Salton Sea (blurred) |
| 60 | 7192 | Ariz., Phoenix, blurred |
| 61 | 7193 | Minn., Wisc., Lake Superior, west end, ice breakup, Two Harbors |
| 62 | 7194 | Ontario, Lake Huron, dark, blurred, partly obscured |
| 63 | 7195 | Quebec, Gulf of St. Lawrence, sea ice, Gaspe Peninsula, Chandler |
| 64 | 7196 | " " " " " Cape Gaspe, Point St. Peter, sea ice |
| 65 | 7197 | " " " " " |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-37 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-194-7198 | Nicaragua, 300-mm lens, Lago de Managua |
| 2 | 7199 | " Honduras, S. end of Gulf of Fonseca, Rio Tecomapa |
| 3 | 7200 | " " El Salvador, Gulf of Fonseca, Cosiguina Volcano |
| 4 | 7201 | El Salvador, Honduras, Gulf of Fonseca, San Miguel |
| 5 | 7202 | " " Jucuapa, Rio Lempa |
| 6 | 7203 | " " San Salvador, Lago de Ilpango |
| 7 | 7204 | " " Guatemala, Lago de Guija, Ascuncion Mita |
| 8 | 7205 | Guatemala, Lago de Izabal, Sierra de las Minas |
| 9 | 7206 | " " " " " " |
| 10 | 7207 | " Sierra de las Minas, Rio Matagua |
| 11 | 7208 | Fla., Miami, dark, partly obscured |
| 12 | 7209 | Tex., Matagorda Bay, Cavallo Pass |
| 13 | 7210 | " vicinity of Victoria, very dark |
| 14 | 7211 | " " " " |
| 15 | 7212 | Calif., Los Angeles, San Gabriel Fault, smog |
| 16 | 7213 | " Lake Elsinore, Elsinore Fault |
| 17 | 7214 | " Los Angeles Basin, very dark |
| 18 | 7215 | Blank |
| 19 | 7216 | Ariz., Grand Canyon, very dark |
| 20 | 7217 | " " " Extremely dark |
| 21 | 7218 | Hawaii, Kona Coast, dark & blurred |
| 22 | 7219 | Egypt, Israel, Saudi Arabia, Jordan, Sinai Peninsula, Red Sea |
| 23 | 7220 | " " " " " " " " |
| 24 | 7221 | " " " " " " " " |
| 25 | 7222 | " " " " " " " " |
| 26 | 7223 | Sunset view toward Rocky Mts. in Montana |
| 27 | 7224 | Mali, Niger R., False Delta, Lake Debo |
| 28 | 7225 | " Goundam, Lake Horo, Niger R., stabilized dunes |
| 29 | 7226 | " Lake Faguibine |
| 30 | 7227 | Algeria, Erg Chech |
| 31 | 7228 | " "star dunes", Grand Erg Oriental |
| 32 | 7229 | " dunes, nearly completely dark |
| 33 | 7230 | " " " " |
| 34 | 7231 | Peru, Nazca Plains, cloudy |
| 35 | 7232 | Cumulus cloud tops near New Orleans, stereo pair |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 36 | SL4-194-7233 | Cumulus cloud tops near New Orleans, stereo pair |
| 37 | 7234 | Baja Calif., Cabo Colnett, Agua Blanca Fault, 300-mm |
| 38 | 7235 | " " Valle de las Trinidad, Agua Blanca Fault, 300-mm |
| 39 | 7236 | Mexico (Sonora), Rio San Ignacio, Punta Tepoca |
| 40 | 7237 | " " " " " " |
| 41 | 7238 | Baja Calif., Agua Blanca Fault, Valle de Las Trinidad |
| 42 | 7239 | Mexico (Sonora), Rio San Ignacio, dark |
| 43 | 7240 | " " Pinate volcanic field, very dark |
| 44 | 7241 | S. D., Black Hills, oblique to NE |
| 45 | 7242 | Blank |
| 46 | 7243 | Australia, New South Wales, Darling R Meniadee Lake |
| 47 | 7244 | " " " " " " " " |
| 48 | 7245 | " " " " " " " " |
| 49 | 7246 | Clouds, no location given, lens fogged |
| 50 | 7247 | " " " " " " " " |
| 51 | 7248 | " " " " " " " " |
| 52 | 7249 | " " " " " " " " |
| 53 | 7250 | " " " " " " " " |
| 54 | 7251 | " " " " " " " " |
| 55 | 7252 | " " " " " " " " |
| 56 | 7253 | Chad, Cameroun, Nigeria, Niger, Lake Chad |
| 57 | 7254 | Sinai Peninsula, Gulf of Aqaba, Gulf of Suez |
| 58 | 7255 | Gulf of Suez, Suez Canal |
| 59 | 7256 | Northern Sinai Peninsula, Gaza Strip |
| 60 | 7257 | Sinai Peninsula, Gulf of Aqaba |
| 61 | 7258 | Nile Delta, Cairo, Suez Canal |
| 62 | 7259 | Aqaba, Dead Sea Rift, Gaza Strip, Sinai Peninsula |
| 63 | 7260 | Dead Sea, Tel Aviv, Amman |
| 64 | 7261 | Sinai Peninsula, glitter pattern |
| 65 | 7262 | " " " " " " |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-36 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

NOTE: FILM ADVANCE DID NOT FUNCTION PROPERLY--SOME OVERLAPPED FRAMES

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-195-7263 | Blank, fog |
| 2 | 7264 | Buenos Aires, Rio de la Plata, SW Uruguay, partial frame |
| 3 | 7265 | Chile Coast, 50°S 75°W, glaciers, cloudy |
| 4 | 7266 | " " " " " blurred |
| 5 | 7267 | " " about 50°S, chiefly clouds |
| 6 | 7268 | " about 50°S, glaciers, snow, chiefly clouds |
| 7 | 7269 | S. Atlantic about 50°S 55°W, clouds |
| 8 | 7270 | New Zealand, South Is., Tasman Mts., underexposed |
| 9 | 7271 | Blank |
| 10 | 7272 | Blank except for small strip showing mountains |
| 11 | 7273 | New Zealand, North end of South I. |
| 12 | 7274 | Australia, Northern Territory, McDonnell Ranges |
| 13 | 7275 | New Zealand, South I., Fiordland National Park, Lake Te Anau |
| 14 | 7276 | " " " " " " Lake Wakatipu |
| 15 | 7277 | " " " " " " S. Fiord, Kepler Mts. |
| 16 | 7278 | " " " " " " Secretary Is. |
| 17 | 7279 | Icebergs, S. Atlantic O., about 15°W 50°S |
| 18 | 7280 | " " " " " " |
| 19 | 7281 | " " " " " 5°E 48°S |
| 20 | 7282 | " " " " " 10°E 47°S |
| 21 | 7283 | Chile, Isla Chulin, Chiaten, coastal fiord, underexposed |
| 22 | 7284 | " " " " " glitter pattern |
| 23 | 7285 | Blank |
| 24 | 7286 | Obscured |
| 25 | 7287 | Ice Island, S. Atlantic about 25°W 48°S, clouds |
| 26 | 7288 | " " " " " " " " stereo pair |
| 27 | 7289 | " " " " " " " " |
| 28 | 7290 | Chile, Lago Todos Santos |
| 29 | 7291 | underexposed, out of focus |
| 30 | 7292 | Blank |
| 31 | 7293 | Indonesia, Timor I. (including Portugese Timor), blurred |
| 32 | 7294 | " " " " " " " " |
| 33 | 7295 | "Closed Benard Cells" Pacific O. about 155°E 50°S |
| 34 | 7296 | Auckland I., plankton blooms, dark |
| 35 | 7297 | Brazil, Lagoa dos Patos, Uruguay, Rio de la Plata |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 36 | SL4-195-7298 | Brazil, Uruguay, Lagoa dos Patos, Rio de la Plata |
| 37 | 7299 | Galapagos Is., Fernandina eruption and plume |
| 38 | 7300 | Arc of cumulus clouds, terminator, S. Atlantic about 45°W 35°S |
| 39 | 7301 | " " " " " " " " " " " " |
| 40 | 7302 | Indonesia, Halmahera I., Galea, volcano, 4,380' with "stain" edge |
| 41 | 7303 | W. Australia, Mandurah, Cape Bouvard, Peel Inlet |
| 42 | 7304 | " " " Perth, Medina, Cockburn Sound, Fremantle |
| 43 | 7305 | Ice island in clouds, S. Atlantic about 45°W 48°S |
| 44 | 7306 | " " " " " " " " " " " " |
| 45 | 7307 | New Zealand, South Island, Dunedin, L. Wakatipu |
| 46 | 7308 | Interior medical photo, Gibson, front view |
| 47 | 7309 | " " " " " back " |
| 48 | 7310 | " " " Carr, front view |
| 49 | 7311 | " " " " " back " |
| 50 | 7312 | " " " Pogue, front view |
| 51 | 7313 | " " " " " back " |
| 52 | 7314 | Argentina, Lago Olmos, Saladillo R., Large Pampa Grass fire |
| 53 | 7315 | Sunset sequence, first (sunup) |
| 54 | 7316 | " " " second |
| 55 | 7317 | " " " third |
| 56 | 7318 | " " " fourth |
| 57 | 7319 | " " " fifth (sundown) |
| 58 | 7320 | Peru, Nazca Plains, Chonguillo, very cloudy |
| 59 | 7321 | " " " San Juan, Bahia San Juan, cloudy |
| 60 | 7322 | " " " " " " " " " " " " |
| 61 | 7323 | " " " " " " " " " " " " |
| 62 | 7324 | " " " " " " " " " " " " |
| 63 | 7325 | Baja Calif., Punta Baja, El Rosario, smoke plume, very dark |
| 64 | 7326 | underexposed, almost completely dark |
| 65 | 7327 | Saudi Arabia, Empty Quarter, dunes, almost completely dark |
| 66 | 7328 | " " " " " " " " " " " " |
| 67 | 7329 | Argentina, Chile, Strait of Magellan, largely cloud covered |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-20 CAMERA Nikon LENS Various FILM TYPE SO-368
DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-196-7330 | N.Y., N.J., Conn., New York City, partial frame, acid waste dump |
| 2 | 7331 | Brazil, cloud street, light leak, fog |
| 3 | 7332 | Guyana, Mouth of Essequibo R., Georgetown |
| 4 | 7333 | Eastern Brazil, cumulus clouds |
| 5 | 7334 | "Cloud rings" over ocean |
| 6 | 7335 | "Odd cloud form" over ocean |
| 7 | 7336 | Smoke from Sakurazima volcano, Vapay |
| 8 | 7337 | " " " " " " |
| 9 | 7338 | " " " " " " |
| 10 | 7339 | " " " " " " |
| 11 | 7340 | " " " " " " |
| 12 | 7341 | Blank |
| 13 | 7342 | " |
| 14 | 7343 | Ivory Coast, Liberia, cumulus clouds, Gulf of Guinea |
| 15 | 7344 | Ghana, Togo, Lake Volta |
| 16 | 7345 | New York to Washington, Goddard Laser Experiment |
| 17 | 7346 | " " " " " " " |
| 18 | 7347 | " " " " " " " |
| 19 | 7348 | Brazil, Amazon Basin, cloud streets |
| 20 | 7349 | " " " " " " |
| 21 | 7350 | S. Atlantic O. about 52°W 41°S, plankton bloom (best) |
| 22 | 7351 | " " " " 50°W 42°S " |
| 23 | 7352 | New Zealand, North I., East Cape |
| 24 | 7353 | N. C., Pamlico R., Pamlico Sound |
| 25 | 7354 | Calif., San Diego |
| 26 | 7355 | Mexico, Michoacan State, Punta Mongrove, Balsas R. |
| 27 | 7356 | " Acapulco |
| 28 | 7357 | Lake Erie, Buffalo, Niagara Falls |
| 29 | 7358 | " " " " " " |
| 30 | 7359 | Md., GSFC laser experiment" |
| 31 | 7360 | " " " " " |
| 32 | 7361 | Calif., Los Angeles, Santa Ana R. |
| 33 | 7362 | " San Diego, underexposed |
| 34 | 7363 | Mexico (Vera Cruz) Rio Panuco, Tempoal |
| 35 | 7364 | Pacific O. about 115°W 20°S, clouds |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 36 | SL4-196-7365 | Pacific O. about 115°W 20°S, clouds |
| 37 | 7366 | Md., GSFC, laser (not visible) |
| 38 | 7367 | " " " Visible |
| 39 | 7368 | Dela., Chesapeake Bay, cloudy |
| 40 | 7369 | Erupting volcano, probably Bonin or Volcano I |
| 41 | 7370 | " " " " " " |
| 42 | 7371 | Ariz., Mexico, Sonora, Gulf of Calif., Baja Calif. |
| 43 | 7372 | Mexico (Sonora, Gulf of Calif., Baja Calif. |
| 44 | 7373 | " Tex., Rio Grande, Falcon Res., Brownsville, underexposed |
| 45 | 7374 | " " Brownsville, Matamoros, Laguna Madre |
| 46 | 7375 | Argentina, NW of Bahia Blanca, Pampas |
| 47 | 7376 | " Bahia Blanca, Coronel Pringles, Pampas |
| 48 | 7377 | Brazil, cumulus buildup, stopping at coast, Belmonte |
| 49 | 7378 | " " " " " Maceio, Aracaju |
| 50 | 7379 | Tex., Houston, Galveston Bay, Port Arthur |
| 51 | 7380 | Mexico, Yucatan Peninsula, cloud buildup |
| 52 | 7381 | " " " " " |
| 53 | 7382 | Caribbean Sea, cloud buildup |
| 54 | 7383 | " " Honduras, Cape Gracias A Dios, Mosquitia |
| 55 | 7384 | " " " Mosquitia, Laguna Caratasca |
| 56 | 7385 | Panama, Costa Rica, Panama Canal, Golfo Mosquitos |
| 57 | 7386 | Atlantic O. about 20°W on equator, cloud ridge |
| 58 | 7387 | S. Africa, Cape of Good Hope, Capetown |
| 59 | 7388 | " " " " " " |
| 60 | 7389 | " " Cape Aguihas |
| 61 | 7390 | Ocean South of Cape of Good Hope |
| 62 | 7391 | Kerguelen I. (S. Indian O.), cloud covered |
| 63 | 7392 | Clouds, partial frame |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-19 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, medium speed WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-197-7393 | Astronaut's feet, front view |
| 2 | 7394 | " " side " right |
| 3 | 7395 | " " rear " |
| 4 | 7396 | " " side " right |
| 5 | 7397 | " " front view |
| 6 | 7398 | Colonel Pogue, head only, front |
| 7 | 7399 | " " " " right side, profile |
| 8 | 7400 | " " " " back |
| 9 | 7401 | OWS interior |
| 10 | 7402 | Colonel Pogue, head only, face view |
| 11 | 7403 | Earth limb, blurred |
| 12 | 7404 | " " " " |
| 13 | 7405 | " " sunset |
| 14 | 7406 | " " " " |
| 15 | 7407 | Yellow Filter, USSR, Tadzik & Kirgiz SSR, Pamir & Tien Shan Mts. |
| 16 | 7408 | " " clouds over Central Pacific |
| 17 | 7409 | " " " " " " |
| 18 | 7410 | " " Japan, City of Nagoya |
| 19 | 7411 | " " Honshu, Gmae Zaki |
| 20 | 7412 | " " Morocco, Algeria, Atlas Mts., Hamada Du Dra |
| 21 | 7413 | Earth limb, sunset, Moon |
| 22 | 7414 | Blank |
| 23 | 7415 | Underexposed, Hampton Roads, Atlantic O. |
| 24 | 7416 | Brazil, Mouth of Rio Sao Francisco, Aracaju |
| 25 | 7417 | Juan Fernandez I., cloud, wake |
| 26 | 7418 | Hawaii, Kauai, Niihau |
| 27 | 7419 | Japan, Tokyo, Yokahama |
| 28 | 7420 | " " " " |
| 29 | 7421 | " " " " |
| 30 | 7422 | " " " Mito, Inawashiroko |
| 31 | 7423 | China (Chantung, Hopeh, Liaoning), Po Hai Gulf, Shantung Pen., Tsingtao |
| 32 | 7424 | Mali, Lake Faguibine, Niger R., False Delta, Timbuktu |
| 33 | 7425 | Overexposed, Canada, Rocky Mts. |
| 34 | 7426 | Calif., Mexico (Baja Calif.), San Diego, Ensenada, Los Angeles area |
| 35 | 7427 | " San Diego, Los Angeles, Mojave Desert, Sierra Nevada |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 36 | SL4-197-7428 | Calif., Mexico (Baja Calif.), Todo Santos Bay, Sierra De Juarez |
| 37 | 7429 | Mexico (Baja Calif.), Sea of Cortez, Mouth of Colorado |
| 38 | 7430 | " (Guerrero), Acapulco, Chipancingo, Sierra Madre Del Sur |
| 39 | 7431 | " (Jalisco), Lago Chapala, Sierra Madre Occ., Bolson De Mapimi |
| 40 | 7432 | Argentina, Chile, Lago Nahuel Huapi, Andes, Patagonia |
| 41 | 7433 | Unique clouds near Hawaii (vortex) |
| 42 | 7434 | " " " " " |
| 43 | 7435 | " " " " " |
| 44 | 7436 | Korea, China, USSR, Korean Peninsula, looking NNW |
| 45 | 7437 | Red Particles at sunset (crew report) |
| 46 | 7438 | " " " " " " |
| 47 | 7439 | " " " " " " |
| 48 | 7440 | Nigeria, Niger, Dahomy, Niger R., Kainji Res. |
| 49 | 7441 | Chile, Atacama Desert, Chuquicamata, Calama Atacama Salar |
| 50 | 7442 | Argentina, Rio Parana, Gran Chaco Fires |
| 51 | 7443 | " Laguna Mar Chiquita, Rio Parana, fires in Chaco |
| 52 | 7444 | U.S., Canada, clouds in Lake Superior area |
| 53 | 7445 | " " " " " " |
| 54 | 7446 | " " " " " Huron area |
| 55 | 7447 | " " " " " " |
| 56 | 7448 | Potomac R., Chesapeake Bay, Patuxent R., Goddard laser experiment |
| 57 | 7449 | " " Goddard laser experiment, can't see laser experiment |
| 58 | 7450 | Clouds over water, "Bermuda Triangle" |
| 59 | 7451 | " " " " " " |
| 60 | 7452 | " " " " " " |
| 61 | 7453 | Neb., Platte R., Loup River System, Kearney |
| 62 | 7454 | " Kan., Platte R., Loup River System, Republican R., Kearney |
| 63 | 7455 | Argentina, Uruguay, Paraguay, Brazil, fires, looking ENE |
| 64 | 7456 | Clouds over water SE of Japan |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-63 CAMERA Nikon LENS Various FILM TYPE SO-368
 DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-198-7457 | Argentina, near San Miguel De Tucuman, Rio Salado |
| 2 | 7458 | " Cordoba, Las De Cordoba |
| 3 | 7459 | Uruguay, Argentina, Concordia, Salto, Rio Uruguay |
| 4 | 7460 | Argentina, Entre Rios Dept. |
| 5 | 7461 | " " " " |
| 6 | 7462 | S. Atlantic near S. Georgia I., ice islands |
| 7 | 7463 | " " " " " " " " |
| 8 | 7464 | " " ice island and bergs make cloud wakes |
| 9 | 7465 | " " " " " " " " |
| 10 | 7466 | " " " " " " " " |
| 11 | 7467 | Full Moon, Earth limb, Moonrise |
| 12 | 7468 | " " " " " " |
| 13 | 7469 | " " " " " " |
| 14 | 7470 | Clouds over water, poor focus |
| 15 | 7471 | " " " " " " |
| 16 | 7472 | Island of Hawaii, underexposed |
| 17 | 7473 | " " " " " " |
| 18 | 7474 | Out of focus, Island of Oahu |
| 19 | 7475 | Unique cloud cells, SE Pacific off Chile |
| 20 | 7476 | " " " " " " |
| 21 | 7477 | " " " " " " |
| 22 | 7478 | Chile, Argentina, Patagonia, clouds, Atlantic O |
| 23 | 7479 | " " " " " " |
| 24 | 7480 | " " " Strait of Magallen |
| 25 | 7481 | " " " " " " |
| 26 | 7482 | Falkland Is. |
| 27 | 7483 | Clouds over S. Atlantic E. of Falklands, ice islands and bergs |
| 28 | 7484 | " " " " " " " " |
| 29 | 7485 | Tuamotu Archipelago |
| 30 | 7486 | Falkland Is. |
| 31 | 7487 | Clouds over water, dark |
| 32 | 7488 | " " " " " " |
| 33 | 7489 | Afganistan, Pakistan, Makran Ranges, Quetta |
| 34 | 7490 | " " Sulaiman Range, Indus Plain, Makran Ranges |
| 35 | 7491 | Pakistan, Afganistan, Hindu Kush Ranges, Full Moon, terminator |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 36 | SL4-198-7492 | Pakistan, Afganistan, Sulaiman Range, Indus Plain |
| 37 | 7493 | India, Pakistan, Vale of Kashmir, Korakoram Range, Mt. Godwin-Austen |
| 38 | 7494 | " " Afganistan, Great Indian Desert, Indus Plain |
| 39 | 7495 | " " China, USSR, Korakoram, Hindu Kush Ranges |
| 40 | 7496 | " " USSR, China (Sinkiang), Korakoram, Hindu Kush Ranges |
| 41 | 7497 | Kashmir, Pakistan, China, USSR, Afganistan, Korakoram, Hindu Kush |
| 42 | 7498 | India, Tibet, Korakoram Range, Mt. Godwin-Austen, Indus R., Kashmir |
| 43 | 7499 | " " Himalaya Mts., Indus R., Korakoram Range |
| 44 | 7500 | " Nepal, Tibet, Himalaya Mts., Indus R., Kashmir, Jara La |
| 45 | 7501 | " " " " " Manda Devi Peak, Manasarowar Lake |
| 46 | 7502 | Nepal, Tibet, Himalaya Mts., Kaila Ranges, Alung Gangri Mts. |
| 47 | 7503 | India, Nepal, Tibet, Himalaya Mts., Annapurna Peak, Kailas Ranges |
| 48 | 7504 | " " " " " Katmandu, Gurla, Mandahata Peak |
| 49 | 7505 | " " " " " Ganges Plain, Annapurna Peak |
| 50 | 7506 | " " " " " Katmandu, Himalaya Mts., Mt., Dhaulagiri |
| 51 | 7507 | " Cuttack, Khragpur, Balasore (Bengal-Orissa) |
| 52 | 7508 | " Tibet, Nepal, Sikkim, Himalaya Mts., Mt. Everest, Mt. Makalu |
| 53 | 7509 | " Bangladesh, Mouths of Ganges, Diamond Harbor |
| 54 | 7510 | Burma, Bangladesh, India, Chittagong, Mouths of Ganges |
| 55 | 7511 | Bangladesh, India, Tibet, Dacca, Mouths of Ganges, Jamuna R. |
| 56 | 7512 | Burma, Bangladesh, India, Mouths of Ganges, Chittagong |
| 57 | 7513 | " Cheduba I., Irrawaddy R., Arakan, Yoma Mts. |
| 58 | 7514 | " Mouths of the Irrawaddy |
| 59 | 7515 | " Thailand, Kra Isthmus, Chumphon |
| 60 | 7516 | Thailand, Burma, Surat Thani, Ko-Samui, Kra Isthmus |
| 61 | 7517 | Malaysia, Thailand, Songkala, Pulau, Langkawi, Trang |
| 62 | 7518 | " Kuala Trengganu, Kuantan |
| 63 | 7519 | " Malacca, Kuantan, Strait of Malacca |
| 64 | 7520 | Indonesia, Sumatra |
| 65 | 7521 | " " Java Selat Sunda, Djakarta, Java Sea |
| 66 | 7522 | " Java, Djakarta, Java Sea |
| 67 | 7523 | " " Tjirebon, Pekalongan, Java Sea |
| 68 | 7524 | " " Surabaya, Surakarta, " " |
| 69 | 7526 | " " Madura I., Surabaya |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-61 CAMERA Nikon LENS Various FILM TYPE SO-368
 DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-199-7526 | Australia, Gulf of Carpentaria, Sir Ed. Pellew Is., Groote Eylandt |
| 2 | 7527 | " (N. Terr.) flooding, Barkly Tableland |
| 3 | 7528 | " " " " " " |
| 4 | 7529 | " (Queensland), Bentinck I., flooding, Gulf of Carpentaria |
| 5 | 7530 | " " flooding Flinders R., " " " |
| 6 | 7531 | " " " " " Norman R. |
| 7 | 7532 | " " " " " Leichhardt R., Gulf of Carpentaria |
| 8 | 7533 | " (Queen., N. Terr., S. Aust.) flooding in Great Artesian B. |
| 9 | 7534 | " (Queensland) flooding Flinders R., Gulf of Carpentaria |
| 10 | 7535 | " (Queen., N. & S. Aust.) flooding in Great Artesian Basin |
| 11 | 7536 | " (Queensland) flooding Diamantina R., Great Artesian Basin |
| 12 | 7537 | " " " " " " " |
| 13 | 7538 | " " " " " Rock Hampton, Fitzroy R., Cape Capricorn |
| 14 | 7539 | " " " " " New South Wales, Upper Darling River Basin |
| 15 | 7540 | " (New South Wales), Darling River Basin, Barwon R. |
| 16 | 7541 | " " " " " Victoria, Great Divide Range, Wreck Bay |
| 17 | 7542 | New Zealand, South I., Southern Alps, Lake Te Anau, Mt. Cook |
| 18 | 7543 | " " " " " Mt Cook, Southern Alps |
| 19 | 7544 | " " " " " North I., Golden Bay, Cape Foulwind |
| 20 | 7545 | " " " " " Timaru, Lake Wakatipu, Dunedin |
| 21 | 7546 | " " " " " " " " " |
| 22 | 7547 | " " " " " " " " " |
| 23 | 7548 | " " " " " " " " " |
| 24 | 7549 | Unique clouds over water |
| 25 | 7550 | " " " " " " " " " |
| 26 | 7551 | " " " " " " " " " |
| 27 | 7552 | U.S., Mexico, Salton Sea, Coastal Fog, Mojave Desert, Mouth of Colo. |
| 28 | 7553 | " " " " " " " " " |
| 29 | 7554 | Cal., Nev., Ariz., Utah, Sierra Nevada, Colo. R., Lake Mead |
| 30 | 7555 | " " " " " " " " " |
| 31 | 7556 | " " " " " Owens Valley " " " " |
| 32 | 7557 | " " " " " Wilcox Lake " " " " |
| 33 | 7558 | Mexico, Sierra Madre Occidental, Sonora |
| 34 | 7559 | " " " " " Guymas, Hermosillo |
| 35 | 7560 | " " " " " Ciudad Obregon |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 36 | SL4-199-7561 | Mexico, Gulf of Calif., Guymas, Sierra Madre Occidental |
| 37 | 7562 | " " " " Los Mochis, Sierra Madre Occidental |
| 38 | 7563 | " " " " " " " " |
| 39 | 7564 | " " " " " " " " |
| 40 | 7565 | " " " " " " " " |
| 41 | 7566 | " Sierra Madre Occidental, Puranco |
| 42 | 7567 | " " " " " " |
| 43 | 7568 | " " " " " " |
| 44 | 7569 | " " " " Jalisco |
| 45 | 7570 | " " " " " Tepic |
| 46 | 7571 | " " " " " " |
| 47 | 7572 | " Lago Chapala, Guadalajara, Puerto Vallarta |
| 48 | 7573 | " " " " " " |
| 49 | 7574 | " " " " " " |
| 50 | 7575 | " " " " " " |
| 51 | 7576 | " Sierra Madre Occidental, Gulf of Calif., looking NW |
| 52 | 7577 | " " " " " " |
| 53 | 7578 | " Manzanillo, Colima, Cabo Corrientes |
| 54 | 7579 | " Mexico City, Puebla, Popocatepetl, Lake Texcoco |
| 55 | 7580 | " Mar Inferior, Mar Muerto, Gulf of Tehuantepec, Union Hidalgo |
| 56 | 7581 | El Salvador, San Salvador, Lago Ilopango, Punta Remedios |
| 57 | 7582 | " " Rio Lempa, San Miguel, Punta San Juan |
| 58 | 7583 | Honduras, El Salvador, Nicaragua, Gulf of Fonseca |
| 59 | 7584 | Costa Rica, Pen. De Nicoya, Golfo De Nicoya, Punta Renas |
| 60 | 7585 | Ecuador, Punta Santa Elena |
| 61 | 7586 | " " " " " |
| 62 | 7587 | Peru, Tumbes |
| 63 | 7588 | " " |
| 64 | 7589 | " Bahia De Sechura, Punta Aguja, Sechura Desert |
| 65 | 7590 | " " " " " " " " |
| 66 | 7591 | " Sechura Desert |
| 67 | 7592 | " " " " |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-60 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-200-7593 | Clouds over water, fogged |
| 2 | 7594 | " " " |
| 3 | 7595 | Out of focus, Mexico (Tamaulipas, St. Luis Potosi), Mante |
| 4 | 7596 | " " " El Salvador, Punta Remedios |
| 5 | 7597 | Plankton in Ocean |
| 6 | 7598 | Peru, San Juan, Nazca, Bahia San Nicolas |
| 7 | 7599 | " " " " " " " |
| 8 | 7600 | Ice island in Pacific, underexposed |
| 9 | 7601 | Chile, Argentina, looking S., Atlantic-Pacific |
| 10 | 7602 | Numerous icebergs, S. Atlantic |
| 11 | 7603 | " " " " " |
| 12 | 7604 | S. Georgia I., ice islands and bergs |
| 13 | 7605 | " " " " " " |
| 14 | 7606 | Ice island and bergs, S. Atlantic |
| 15 | 7607 | Ice bergs, S. Atlantic |
| 16 | 7608 | " " " " " |
| 17 | 7609 | S. Georgia island, ice islands and bergs |
| 18 | 7610 | " " " " " " |
| 19 | 7611 | Ice islands and bergs, S. Atlantic |
| 20 | 7612 | " " " " " " |
| 21 | 7613 | S. Georgia I., numerous ice islands and bergs |
| 22 | 7614 | Numerous ice islands and bergs, S. Atlantic |
| 23 | 7615 | Very large ice island, bergs, S. Atlantic |
| 24 | 7616 | Ocean, plankton, underexposed, " " |
| 25 | 7617 | Full Moon over Earth limb |
| 26 | 7618 | Blurred, Coast of Desert |
| 27 | 7619 | Mexico, Mexico City, severe air pollution, volvan Tlaloc |
| 28 | 7620 | " " Volcan Popocatepetl, Volcan Iztaccihuatl |
| 29 | 7621 | " " Puebla, Volcan Malinche |
| 30 | 7622 | " " Orizaba Volcano |
| 31 | 7623 | El Salvador, Guatemala, Rio Paz |
| 32 | 7624 | " " Lago Ilopango, San Salvador |
| 33 | 7625 | " " Rio Lempa, Jiquilisco |
| 34 | 7626 | " " Honduras, Gulf of Fonseca, El Tigre I., Amapala |
| 35 | 7627 | Nicaragua, Honduras, Gulf of Fonseca, Cosiguina Volcano |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 36 | SL4-200-7628 | Honduras, Olancho, poor focus |
| 37 | 7629 | " Cordillera Nombre, Rio Aguan, La Ceiba, poor focus |
| 38 | 7630 | Nicaragua, Honduras, Esteli, poor focus |
| 39 | 7631 | " Lake Managua, Managua, poor focus |
| 40 | 7632 | Small island, plankton bloom, out of focus |
| 41 | 7633 | Water, plankton bloom, out of focus |
| 42 | 7634 | " " " " " " |
| 43 | 7635 | " " " " " " |
| 44 | 7636 | Antenna |
| 45 | 7637 | Australia (Victoria, S. Aust.), the Coorong |
| 46 | 7638 | " " Lake Tyrell |
| 47 | 7639 | Earth limb, sunrise |
| 48 | 7640 | " " " |
| 49 | 7641 | " " " |
| 50 | 7642 | " " " |
| 51 | 7643 | " " " |
| 52 | 7644 | " " " |
| 53 | 7645 | " " " |
| 54 | 7646 | " " " |
| 55 | 7647 | " " " |
| 56 | 7648 | " " " |
| 57 | 7649 | " " " |
| 58 | 7650 | " " " |
| 59 | 7651 | " " " |
| 60 | 7652 | " " " |
| 61 | 7653 | " " " |
| 62 | 7654 | " " " |
| 63 | 7655 | " " " |
| 64 | 7656 | " " " |
| 65 | 7657 | " " " |
| 66 | 7658 | " " |
| 67 | 7659 | Blank, partial frame |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-59 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, medium speed WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-201-7660 | Blank, fogged |
| 2 | 7661 | New Zealand, North I., South I., Cook Strait |
| 3 | 7662 | S. Africa, Capetown, Cape of Good Hope |
| 4 | 7663 | " " Atlantic Coast, Orange R. |
| 5 | 7664 | " " Orange R., Vaal R., Kaap Plato |
| 6 | 7665 | Guatemala, Mexico, Guatemala City, Tapachula, Lake Atitlan |
| 7 | 7666 | " " " " Lake Atitlan |
| 8 | 7667 | " El Salvador, Honduras, Ocotepeque, Santa Ana |
| 9 | 7668 | " " " " Lake Izabal, Copan |
| 10 | 7669 | " " " " San Salvador, Guatemala City |
| 11 | 7670 | El Salvador, Honduras, Guatemala, Gulf of Fonseca, Rio Motagua |
| 12 | 7671 | Nicaragua, Honduras, El Salvador, Lake Managua, Gulf of Fonseca |
| 13 | 7672 | " " " " " " |
| 14 | 7673 | " " " " Costa Rica, Gulf of Fonseca |
| 15 | 7674 | Costa Rica, Gulf of Nicoya, Puntarenas |
| 16 | 7675 | " " Panama, Golfo Dulce, San Jose, Pen. De Osa |
| 17 | 7676 | Panama, Costa Rica, Golfo de Chiriqui, Javid, Pen. De Azuero |
| 18 | 7677 | " Peninsula de Azuero, Gulf of Panama, Canal Zone |
| 19 | 7678 | " Canal Zone, Gulf of Darien, Colombia |
| 20 | 7679 | S. Australia, Spencer Gulf, Port Augusta, Lake Torrens, Lake Eyre |
| 21 | 7680 | Australia, Adelaide, York Peninsula, Younghusband Peninsula |
| 22 | 7681 | " Victoria State, Cape Otway, Melbourne (under clouds) |
| 23 | 7682 | " New South Wales, Victoria State, Murray R. |
| 24 | 7683 | " Adelaide, Younghusband Peninsula, Murray R. |
| 25 | 7684 | " New South Wales, Mildura, Murray R. |
| 26 | 7685 | " Victoria State, Australian Alps, cloud covered |
| 27 | 7686 | " " " " Ninety Mile Beach |
| 28 | 7687 | Tasmania, Bass Strait, Furneaux Is. |
| 29 | 7688 | New South Wales, Victoria State, Murray R., Echuca |
| 30 | 7689 | " " " " " " " " Swan Hill, Bendigo |
| 31 | 7690 | Australian Alps, snowy mountains, Cape Everard |
| 32 | 7691 | Tasmania, Flinders I., Bass Strait |
| 33 | 7692 | Moon above sunset or sunrise Earth limb |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-58 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION: Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-202-7693 | Blank |
| 2 | 7694 | S. Australia, Spencer Gulf, Lake Gairdner |
| 3 | 7695 | " " Great Victoria Desert |
| 4 | 7696 | " " Spencer Gulf, Lake Torrens |
| 5 | 7697 | " " " " " " |
| 6 | 7698 | " " " " " " |
| 7 | 7699 | " " " " Flinders Range |
| 8 | 7700 | " " " " " " |
| 9 | 7701 | " " Flinders Range, New South Wales |
| 10 | 7702 | " " New South Wales, Murray R. |
| 11 | 7703 | New South Wales, Murray R., Mildura |
| 12 | 7704 | " " " " Darling R. |
| 13 | 7705 | " " " Darling R., Tandou Lake |
| 14 | 7706 | " " " Owen, Underbooi |
| 15 | 7707 | " " " L. Victoria, Murray R. |
| 16 | 7708 | " " " Murray R., Lake Tyrrell |
| 17 | 7709 | " " " " Swan Hills |
| 18 | 7710 | Moon on horizon, clouds |
| 19 | 7711 | Venezuela, Guajira Pen., Paraguana Pen. |
| 20 | 7712 | " Lake Valencia, Cordillera de Merida |
| 21 | 7713 | " " " Caracas |
| 22 | 7714 | " Caracas, Barcelona, obscured |
| 23 | 7715 | " Barcelona, Araya Pen. |
| 24 | 7716 | Calif., Mojave Desert, Garlock Fault, Sunrise |
| 25 | 7717 | " Sierra Nevada, sunrise, full Moon |
| 26 | 7718 | Baja Calif., Sierra Juarez, Colorado R., sunrise |
| 27 | 7719 | Ariz., Phoenix, Grand Canyon sunrise |
| 28 | 7720 | " Sonora, Gulf of Calif., Pinacate volcanic field |
| 29 | 7721 | " Phoenix, Gulf of Calif., Gila R. |
| 30 | 7722 | " Grand Canyon, Mogollon Rim, sunrise |
| 31 | 7723 | " Mogollon Rim, Phoenix, sunrise |
| 32 | 7724 | " Grand Canyon, Humphrey's Peak, S. Utah |
| 33 | 7725 | Mexico, Gulf of Calif., Baja Calif., cloudy |
| 34 | 7726 | Ariz., Grand Canyon, Humphrey's Peak |
| 35 | 7727 | Sonora, cloudy |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATIC", ETC. |
|-----------|--------------|---|
| 36 | SL4-202-7728 | Mexico, Sierra Madre Occidental, Gulf of Calif. |
| 37 | 7729 | " " " " " " |
| 38 | 7730 | Rio Grande Valley, White Sands Nat. Mon., oblique to N. |
| 39 | 7731 | Mexico, Sierra Madre Occidental, Gulf of Calif. |
| 40 | 7732 | " " " " Baja Calif. |
| 41 | 7733 | " Central Meseta, sunrise, cloudy |
| 42 | 7734 | " Sierra Madre Occidental, Gulf of Calif. |
| 43 | 7735 | Long range oblique to N. up Rio Grande Valley |
| 44 | 7736 | Mexico, Neo-volcanic Plateau, Guadalajara |
| 45 | 7737 | " Sierra Madre Occidental, Saltillo, sunrise |
| 46 | 7738 | " Neo-volcanic Plateau, Lake Chapala, Guadalajara |
| 47 | 7739 | " Long range oblique to NW, Sierra Madre Occidental in foreground |
| 48 | 7740 | " Sierra Madre Oriental, fog |
| 49 | 7741 | " Mexico City, Orizaba, Popocatepetl |
| 50 | 7742 | Oblique to NW along Sierra Madre Oriental |
| 51 | 7743 | Gulf of Mexico, Tuxpan, Ver Cruz |
| 52 | 7744 | Mexico, Sierra Madre Del Sur, Tehuantepec |
| 53 | 7745 | " almost entire country on oblique to N. |
| 54 | 7746 | Guatemala, Guatemala City, Lake Atitlan, Pacific Coast |
| 55 | 7747 | Peru, Chile border, Pacific Coast, Arica |
| 56 | 7748 | Pacific Coast of Chile, Arica, Salar de Uyuni |
| 57 | 7749 | " " " " Antofagasta, Salar de Uyuni |
| 58 | 7750 | Chile, Andes, oblique to SW, Antofagasta, Salar de Atacama |
| 59 | 7751 | Andes, oblique to S., Chile, Argentina |
| 60 | 7752 | S. Atlantic, near S. Georgia, two ice islands plus blooming |
| 61 | 7753 | " " " " " " " " 2/6/74 |
| 62 | 7754 | Chile, Argentina Andes, Chile, Concepcion, Talca |
| 63 | 7755 | Argentina, Rio Barrancas, Rio Colorado |
| 64 | 7756 | " Rio Negro, Lake Pellegrini, Neuquen |
| 65 | 7757 | " " " Villa Regina |
| 66 | 7758 | " La Pampa and Rio Negro Provinces, cloudy |
| 67 | 7759 | Partial frame, clouds over ocean |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

| MAGAZINE NO. | CX-43 | CAMERA | Nikon | LENS | Various | FILM TYPE | SO-368 |
|------------------|--------------------------|---|------------|-------|---------|-----------|--------|
| FILM DESCRIPTION | Ektachrome, medium speed | | FILM WIDTH | 35-mm | | | |
| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | | |
| 1 | SL4-209-8152 | Partial frame, clouds over ocean | | | | | |
| 2 | 8153 | Clouds over ocean | | | | | |
| 3 | 8154 | Japan, Hokkaido, Sea of Okhotsk, Kutcharoko (Lake) | | | | | |
| 4 | 8155 | Brazil, Mouth of Rio Sao Francisco, sediment plume | | | | | |
| 5 | 8156 | " " " " " " " " | | | | | |
| 6 | 8157 | Uganda, Saire, NW of Lake Victoria | | | | | |
| 7 | 8158 | Tanzania, S. End of Lake Victoria, cloudy | | | | | |
| 8 | 8159 | Newfoundland, Gulf of St. Lawrence, Quebec, Labrador | | | | | |
| 9 | 8160 | Clouds, Wyo., underexposed | | | | | |
| 10 | 8161 | Contrails, Prairie States, underexposed | | | | | |
| 11 | 8162 | Clouds | | | | | |
| 12 | 8163 | " over ocean | | | | | |
| 13 | 8164 | " " " | | | | | |
| 14 | 8165 | " " " | | | | | |
| 15 | 8166 | " " " | | | | | |
| 16 | 8167 | " " " | | | | | |
| 17 | 8168 | " " " | | | | | |
| 18 | 8169 | " " " | | | | | |
| 19 | 8170 | " " " | | | | | |
| 20 | 8171 | Dense clouds | | | | | |
| 21 | 8172 | " " | | | | | |
| 22 | 8173 | " " | | | | | |
| 23 | 8174 | " " | | | | | |
| 24 | 8175 | Galapagos Is., out of focus | | | | | |
| 25 | 8176 | " " " " " | | | | | |
| 26 | 8177 | " " " " " | | | | | |
| 27 | 8178 | " " " " " | | | | | |
| 28 | 8179 | River mouth, S. America, dark, out of focus | | | | | |
| 29 | 8180 | Clouds | | | | | |
| 30 | 8181 | " Dark, out of focus | | | | | |
| 31 | 8182 | Haiti, Port-Au-Prince, Jacmel, fault in mts. S. of Port-Au-Prince | | | | | |
| 32 | 8183 | Dominican Republic and Haiti, Lago de Enriquillo | | | | | |
| 33 | 8184 | Colombia, Guajira Pen., cloudy | | | | | |
| 34 | 8185 | " " " " | | | | | |
| 35 | 8186 | " " " " | | | | | |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 36 | SL4-209-8187 | Venezuela, Paraguana Pen. |
| 37 | 8188 | " Lake Maracaibo, Green pattern, algae |
| 38 | 8189 | " " " algae or sediment |
| 39 | 8190 | " Rio Apure |
| 40 | 8191 | Brazil current, SE of De Janeiro |
| 41 | 8192 | Calif., San Francisco Bay Area, Oakland, San Andreas Fault |
| 42 | 8193 | " S. end San Francisco Bay, Menlo Park, Ames Research Center |
| 43 | 8194 | " " " " " San Jose " " " |
| 44 | 8195 | " San Jose, Morgan Hill, Gilroy |
| 45 | 8196 | " Suisun Bay, Concord, Sacramento R. |
| 46 | 8197 | Peru, Bogapan, Sieria La Brea, unique Sedimentation |
| 47 | 8198 | " " " " " " " |
| 48 | 8199 | Mexico (Guerrero), Acapulco |
| 49 | 8200 | " " " " |
| 50 | 8201 | " " " " |
| 51 | 8202 | Japan, Kagoshima Bay, Sakurajima volcano |
| 52 | 8203 | Cloud convection cells over ocean |
| 53 | 8204 | Mauritania, Richat Structure, Cap Blanc |
| 54 | 8205 | " dunes, Richat structure |
| 55 | 8206 | Mozambique, Biera, Buzi R. |
| 56 | 8207 | " Cape Santa Maria, Bay of Lourenio Marques |
| 57 | 8208 | " Inhambane, Linga Linga Point |
| 58 | 8209 | Md., red laser from GSFC |
| 59 | 8210 | " " " " " " |
| 60 | 8211 | " laser photo but laser not visible |
| 61 | 8212 | " " " " " " " |
| 62 | 8213 | Denver, Boulder, Golden, Front Range |
| 63 | 8214 | China (Shantung-Kiangsu) Wei-Shan-Hu, Grand Canal |
| 64 | 8215 | " " " " " " |
| 65 | 8216 | " " " " " " |
| 66 | 8217 | " " " " " " |
| 67 | 8218 | Blank |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-57 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-203-7760 | Blank |
| 2 | 7761 | Dark, out of focus, interior |
| 3 | 7762 | Taiwan (entire island) |
| 4 | 7763 | Island wake in clouds, underexposed, S. Pacific O. |
| 5 | 7764 | Snares I. with distinctive cloud wake |
| 6 | 7765 | St. Helena I. |
| 7 | 7766 | " " " |
| 8 | 7767 | Colorado, Alamosa Monte Vista, San Luis Valley |
| 9 | 7768 | Colorado, Denver, Boulder, looking E. |
| 10 | 7769 | " Kan., Arkansas R. |
| 11 | 7770 | " " " " |
| 12 | 7771 | Dallas, Ft. Worth, International Airport, underexposed |
| 13 | 7772 | Austin, Lake Travis, underexposed |
| 14 | 7773 | San Antonio, underexposed |
| 15 | 7774 | Waco, Lake Whitney |
| 16 | 7775 | Houston, EAFB, JSC, Clear Lake City |
| 17 | 7776 | " JSC, Galveston Bay, Texas City |
| 18 | 7777 | Forest fires, E. La., hazy |
| 19 | 7778 | " " La., hazy |
| 20 | 7779 | La. Coast, Mississippi R. Delta S. of Houma |
| 21 | 7780 | " " " " " |
| 22 | 7781 | Mississippi R. Mouth, sediment plume |
| 23 | 7782 | Ocean swells |
| 24 | 7783 | " " |
| 25 | 7784 | Calif., Sierra Nevada, Yosemite Park, Hetch Hetchy Res. |
| 26 | 7785 | " " " Mt. Whitney, Bishop, stereo pair |
| 27 | 7786 | " " " " " Kern Canyon |
| 28 | 7787 | " S. end of Sierra Nevada, Kern Canyon, Isabella Res. |
| 29 | 7788 | " Coast, San Luis Obispo, Pismo Beach, fog |
| 30 | 7789 | " " Range, Cuyama R., Temblor Range, San Andreas Fault |
| 31 | 7790 | " Ventura, Oxnard, Port Hueneme, contrail |
| 32 | 7791 | " Los Angeles, San Fernando Valley, Santa Monica Mts. |
| 33 | 7792 | " " Long Beach, Palos Verdes, San Gabriel Mts. |
| 34 | 7793 | " " Santa Ana Mts., Newport Beach, San Gabriel Mts. |
| 35 | 7794 | " San Bernadino, Riverside, L. E. Inore, Elsinore Fault |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|--|
| 36 | SL4-203-7795 | Calif., Mojave Desert, Garlock Fault, Searles Lake |
| 37 | 7796 | " " " " " " |
| 38 | 7797 | " " " Mojave R., Newberry Mt. |
| 39 | 7798 | " " " Pisgah Crater |
| 40 | 7799 | " Nev., Mojave Desert, Las Vegas, Spring Mts. |
| 41 | 7800 | Ariz., Nev., Calif., Lake Mead, Colorado R. |
| 42 | 7801 | Calif., Perris Basin, Riverside, San Bernadino |
| 43 | 7802 | " San Diego County, Anza Borrego Park, Palomar Mt. |
| 44 | 7803 | " Salton Sea, Anza Borrego Park, Indio |
| 45 | 7804 | " " " Chocolate Mts., San Andreas Fault |
| 46 | 7805 | " Mojave Desert, Granite Mts., Ford Lake |
| 47 | 7806 | " Nev., Ariz., Colorado R., Lakes Mead, Mojave, and Havasu |
| 48 | 7807 | " Baja Calif., San Diego, Tijuana, Palomar Mt., Laguna Mts. |
| 49 | 7808 | Baja Calif., Ensenada, Bahia de Todos Santos |
| 50 | 7809 | " " Agua Blanca Fault, Valle de la Trinidad |
| 51 | 7810 | " " Sierra San Pedro Martir, San Felipe Valley |
| 52 | 7811 | " " " " " " " " |
| 53 | 7812 | Sonora, Gran Desierto (dunes), Colorado R., Yuma |
| 54 | 7813 | Calif., Ariz., Baja Calif., Sonora, Colorado R., Yuma, Gila R. |
| 55 | 7814 | Sonora, Pinacate volcanic field |
| 56 | 7815 | Ariz., Sonora, Sonoita R., Yuma |
| 57 | 7816 | Baja Calif., Agua Blanca Fault, San Felipe Valley |
| 58 | 7817 | " " Sierra San Pedro Martir, Cabo San Quentin |
| 59 | 7818 | " " " " " Gulf of Calif. |
| 60 | 7819 | " " Sierra Santa Isabel, Gulf of Calif. |
| 61 | 7820 | Sonora, Pinacate volcanic field, La Salina |
| 62 | 7821 | " Rio Concepcion, Juarez |
| 63 | 7822 | " Punta Tepoca, Rio San Ignacio |
| 64 | 7823 | " Playa San Bartolo, Nácori |
| 65 | 7824 | " desert W. of Hermosillo |
| 66 | 7825 | " delta of Rio Sonora, farms, Punta Baja |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-49 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-205-7886 | Fogged |
| 2 | 7887 | Out of focus, interior view |
| 3 | 7888 | Partial frame, unidentified object |
| 4 | 7889 | Very dark frame, mountainous desert area, Argentina |
| 5 | 7890 | Astronaut Gibson, front view, underexposed |
| 6 | 7891 | " " back view |
| 7 | 7892 | Blank |
| 8 | 7893 | Astronaut Pogue, front view, underexposed |
| 9 | 7894 | " " back view, underexposed |
| 10 | 7895 | Astronaut Carr, front view, underexposed |
| 11 | 7896 | " " " " |
| 12 | 7897 | " " rear view " |
| 13 | 7898 | China, oblique to W. over Sinkiang Prov., Wulumuchi, sand dunes |
| 14 | 7899 | " " " " " " |
| 15 | 7900 | Mariana Is., Saipan, Tinian, Aquijan |
| | 7901 | Solomon Is., Santa Isabel, Malaita, Guadalcanal, Iron Bottom Sound |
| 17 | 7902 | Raoul I., cloud plume, blurred |
| 18 | 7903 | Clouds over ocean |
| 19 | 7904 | " " " |
| 20 | 7905 | " " " |
| 21 | 7906 | " " " |
| 22 | 7907 | " " " |
| 23 | 7908 | " " " |
| 24 | 7909 | " " " |
| 25 | 7910 | " " " |
| 26 | 7911 | " " " |
| 27 | 7912 | " " " |
| 28 | 7913 | " " " |
| 29 | 7914 | " " " |
| 30 | 7915 | " " " |
| 31 | 7916 | " " " |
| 32 | 7917 | " " " |
| 33 | 7918 | " " " |
| 34 | 7919 | " " " |
| 35 | 7920 | " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 36 | SL4-205-7921 | Clouds over ocean |
| 37 | 7922 | Mississippi R., Vicksburg |
| 38 | 7923 | Clouds and contrail over ocean |
| 39 | 7924 | Cuba, Moron, cloudy |
| 40 | 7925 | Cuba, Haiti, windward passage |
| 41 | 7926 | Clouds over Caribbean Sea |
| 42 | 7927 | Venezuela, Aruba, Paraguana Pen., Gulf of Venezuela |
| 43 | 7928 | " Calabozo, Rio Guarico |
| 44 | 7929 | Brazil, heavy cumulus cloud cover over forest, Amazon Basin |
| 45 | 7930 | " " " " " " " " " " |
| 46 | 7931 | " " " " " " " " " " |
| 47 | 7932 | " " " " " " " " " " |
| 48 | 7933 | " " " " " " " " " " |
| 49 | 7934 | " " " " " " " " " " |
| 50 | 7935 | " Goias area, clouds |
| 51 | 7936 | " " " " " " " " " " |
| 52 | 7937 | " near Brazilia, clouds |
| 53 | 7938 | " " " " " " " " " " |
| 54 | 7939 | " Minas Gerais, Tres Marias Res., clouds |
| 55 | 7940 | Argentina and Chile, oblique, Coquimbo, Sierra de Famatina |
| 56 | 7941 | " Pampas de las Salinas, Cordoba, Lake Mar Chiquita |
| 57 | 7942 | " L. Mar Chiquita, Cordoba |
| 58 | 7943 | " Rio Parana, Rio Uruguay, Buenos Aires |
| 59 | 7944 | " " " " " " " " " " |
| 60 | 7945 | " Cordoba, Rio Primero |
| 61 | 7946 | " Santa Fe, Esperanza, Rio Parana |
| 62 | 7947 | " " " Parana, Rio Parana |
| 63 | 7948 | " Buenos Aires, Rio de la Plata, La Plata |
| 64 | 7949 | " " " " " " " " " " |
| 65 | 7950 | Uruguay, Argentina, Rio Uruguay, Rio Negro, Fray Bentos, Mercedes |
| 66 | 7951 | " " " " " " " " " " |
| 67 | 7952 | Argentina, Buenos Aires, blurred |
| 68 | 7953 | Japan, Sakurajima eruption, 2/1/74, 0231 GMT, blurred |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE N. CX-54 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-204-7927 | Interior light |
| 2 | 7928 | Blank |
| 3 | 7929 | New Zealand, North I., Auckland, Cape Regina |
| 4 | 7930 | " " " " " Hauraki Gulf |
| 5 | 7931 | " " " " " Hawke Bay, Gisborne |
| 6 | 7932 | Cell clouds over water |
| 7 | 7933 | Cyclonic vortex |
| 8 | 7934 | " " |
| 9 | 7935 | " " |
| 10 | 7936 | " " |
| 11 | 7937 | " " |
| 12 | 7938 | " " |
| 13 | 7939 | Australia (W. Australia), Kimberly Dist., Great Sandy Desert |
| 14 | 7940 | " " " " " " " " |
| 15 | 7941 | " (N. Terr.) Van Deimen Gulf |
| 16 | 7942 | " " " " " " " |
| 17 | 7943 | " (W. Australia), Kimberly Dist., Great Sandy Desert |
| 18 | 7944 | " " " " " Lake Mackay, Great Sandy Desert |
| 19 | 7945 | " (N. Terr.), Gulf of Carpenteria, Groote Eylandt |
| 20 | 7946 | " " " " " " " " |
| 21 | 7947 | " (Queensland, N. Territory, S. Aust.) floods in Lake Eyre Basin |
| 22 | 7948 | " " " " " " " " |
| 23 | 7949 | " " " " " Gulf of Carpenteria, floods at Burketown |
| 24 | 7950 | " " " " " N. Territory, S. Aust.) floods in Lake Eyre Basin |
| 25 | 7951 | " " " " " Floods at Burketown |
| 26 | 7952 | " " " " " N. Territory, S. Aust) floods in Lake Eyre Basin |
| 27 | 7953 | " " " " " " " " " |
| 28 | 7954 | " New South Wales, Victoria, looking SE to Melbourne |
| 29 | 7955 | " " " " " S. Aust., Victoria, looking S. to Melbourne |
| 30 | 7956 | " (NSW, Vict., S. Aust.) Adelaide, Spencer Gulf |
| 31 | 7957 | " (Vict., NSW), Australian Alps, Canberra |
| 32 | 7958 | " " " " " " " " |
| 33 | 7959 | Cyclonic vortex over S. Pacific |
| 34 | 7960 | New Zealand, South I., Southern Alps, Lake Wakatipu |
| 35 | 7961 | Large cyclonic vortex over Pacific O. |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 36 | SL4-204-7962 | Large cyclonic vortex over Pacific O. |
| 37 | 7963 | " " " " " " |
| 38 | 7964 | " " " " " " |
| 39 | 7965 | " " " " " " |
| 40 | 7966 | " " " " " " |
| 41 | 7967 | Brazil, Paranaiba, Rio Paranaiba |
| 42 | 7968 | Gabon, Cap Lopez, Port Gentil |
| 43 | 7969 | " " " " " " |
| 44 | 7970 | NW Mexico, SW USA, Basin, Ranges, Gulf of Calif. |
| 45 | 7971 | La., Mouth of Mississippi, New Orleans |
| 46 | 7972 | " Tex., Mouth of Mississippi, Galveston Bay |
| 47 | 7973 | Brazil, Santos, Sao Paulo |
| 48 | 7974 | " " Sao Sebastiao I. |
| 49 | 7975 | " Sao Paulo, Santos |
| 50 | 7976 | " " " " " " |
| 51 | 7977 | " " " " " " |
| 52 | 7978 | Clouds over water, underexposed |
| 53 | 7979 | Calif., Channel Is., Point Arguello, San Joaquin Valley |
| 54 | 7980 | " " " " " " |
| 55 | 7981 | " Los Angeles, Mojave Desert, Sierra Nevada |
| 56 | 7982 | " " " San Diego, Mojave Desert, Baja Calif. |
| 57 | 7983 | Calif., Baja Calif., Mojave Desert, Los Angeles, Salton Sea |
| 58 | 7984 | Mexico (Baja Calif.), Sierra San Pedro Matir, Cabo Colnett |
| 59 | 7985 | " " " " " " " " " " |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-44 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, MS WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|---|
| 1 | SL4-206-7954 | Ice I., S. Atlantic about 46°S 50°W 1/27/74, 300-mm lens |
| 2 | 7955 | SW Africa, Namib Desert |
| 3 | 7956 | " " Walvis Bay, Namib Desert |
| 4 | 7957 | " " " " " " |
| 5 | 7958 | " " S. Africa, Lüderitz |
| 6 | 7959 | S. Africa, Atlantic Coast, Capetown, Cape of Good Hope |
| 7 | 7960 | " " " " " " |
| 8 | 7961 | Clouds off U.S. West Coast |
| 9 | 7962 | Calif. Coast, view south into sun, Cape Mendocino |
| 10 | 7963 | " " " " " " |
| 11 | 7964 | " Nev., oblique to South, Sierra Nevada, San Joaquin Valley |
| 12 | 7965 | " " " " " " |
| 13 | 7966 | Nev., Calif., Sierra Nevada, Mojave Desert |
| 14 | 7967 | " " " " " " |
| 15 | 7968 | " " " " Reno, Lake Tahoe, Walker Lake |
| 16 | 7969 | " " Northern Sierra Nevada, Lake Tahoe |
| 17 | 7970 | Mexico, Sierra Madre Occidental, Gulf of Calif. |
| 18 | 7971 | Central Texas, smoke plume 30-40 miles long |
| 19 | 7972 | Tex., San Antonio |
| 20 | 7973 | Tangatapu (island) Group; Eva I., 21°S 175°W |
| 21 | 7974 | Mauritania, Cape Timiris, El Frelt |
| 22 | 7975 | Mali, Niger R. near Timbuktu |
| 23 | 7976 | Chesapeake Bay, GSFC laser experiment not visible |
| 24 | 7977 | " " " " " red laser visible |
| 25 | 7978 | N. C., Pamlico R. |
| 26 | 7979 | " " " Sound, Neuse R., Cape Lookout |
| 27 | 7980 | Brazil, Rio Sao Francisco, sediment plume, 1/29/74 |
| 28 | 7981 | " unnamed river just S. of mouth of R. Sao Francisco |
| 29 | 7982 | " Mouth of Rio Jequitinhonha, Belmonte, sediment plume |
| 30 | 7983 | " Rio Peruípe, Caravelas, reets, sediment plume |
| 31 | 7984 | Oregon, Crater Lake |
| 32 | 7985 | Tex., Houston, blurred |
| 33 | 7986 | " " " " |
| 34 | 7987 | " " " " |
| 35 | 7988 | " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|---|
| 36 | SL4-206-7989 | Mexico, Sierra Madre Oriental, Monterrey |
| 37 | 7990 | Tex., Mexico, Isthmus of Tehuantepec, Yucatan Peninsula |
| 38 | 7991 | Clouds over Ocean, SE Pacific O. |
| 39 | 7992 | Pacific I., Juan Fernandez I., dark, blurred |
| 40 | 7993 | Chile, Argentina, S. Andes |
| 41 | 7994 | " " Strait of Magellan, Bahia de Loma |
| 42 | 7995 | Pacific Atoll, S. of Ulithi, possibly Sarol Atoll |
| 43 | 7996 | Solomon Is., Bougainville, Empress Augusta Bay |
| 44 | 7997 | " " " " " " |
| 45 | 7998 | " " Kolombangara Is., New Georgia I. |
| 46 | 7999 | " " New Georgia I. |
| 47 | 8000 | Md., GSFC laser experiment, red laser visible |
| 48 | 8001 | " " " " " " " " |
| 49 | 8002 | Brazil, Bahia de San Marcos, Sao Luis, very cloudy |
| 50 | 8003 | Surinam, very cloudy |
| 51 | 8004 | Tristan de Cunha I., sunglint |
| 52 | 8005 | " " " " " " |
| 53 | 8006 | Tex., Houston, Galveston Bay, JSC |
| 54 | 8007 | " " " " " " |
| 55 | 8008 | Malaysia, Kepvlauan Is. |
| 56 | 8009 | Calif., Nev., Sierra Nevada, Mono Lake |
| 57 | 8010 | " Southern Sierra Nevada, Kern Canyon Fault |
| 58 | 8011 | " " " " Isabella Lake, Kernville |
| 59 | 8012 | " Mojave Desert, Searles Lake, Panamint Range |
| 60 | 8013 | " San Gabriel Mts., Mint Canyon |
| 61 | 8014 | " " " " San Gabriel Fault |
| 62 | 8015 | " Mojave Desert, Cajon Pass, San Andreas Fault |
| 63 | 8016 | " " " " Searles Lake, Garlock Fault |
| 64 | 8017 | " Nev., Armagosa Desert, Armagosa Range |
| 65 | 8018 | " San Bernadino, Riverside, San Jacinto Fault |
| 66 | 8019 | " " " " Mts., San Gorgonio Mt. |
| 67 | 8020 | Blank |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. CX-42 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektach medium speed WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-207-8021 | Unidentified Object |
| 2 | 8022 | Mont., Ft. Peck Dam & Res., Missouri R., Milk R. |
| 3 | 8023 | Lake Mich., "lighter green circulation pattern" |
| 4 | 8024 | " " " " " " " " |
| 5 | 8025 | Cloud pattern, mountain effects, location unknown |
| 6 | 8026 | Calif., San Francisco Bay, South end, Oakland, Mountain View |
| 7 | 8027 | " " " " North " sedimentation |
| 8 | 8028 | " Monterrey Bay, Santa Cruz |
| 9 | 8029 | " Nev., Mono Lake, snow scene |
| 10 | 8030 | " Owens Lake, red color, Mt. Whitney |
| 11 | 8031 | " Salton Sea, Coachella Valley, Indio |
| 12 | 8032 | " Coachella Valley, Interstate 10, San Andreas Fault |
| 13 | 8033 | " Imperial Valley, El Centro, Brawley, Mexicali |
| 14 | 8034 | Mexico, Sonora, desert east of Bahia de San Jorge |
| 15 | 8035 | " " farms, along Rio Magdalena |
| 16 | 8036 | " " desert east of Cabo Tepoca |
| 17 | 8037 | " " " " Punta Bola, Bonancita area |
| 18 | 8038 | " " Punta Tepoca, El Desemboque |
| 19 | 8039 | " " desert in area of Coronado |
| 20 | 8040 | " " farms west of Hermosillo |
| 21 | 8041 | " " Guayamas, Empalme Navizao |
| 22 | 8042 | " " Sierra del Bacan |
| 23 | 8043 | " " Obugon Res., Ciudad Juarez |
| 24 | 8044 | " Sinaloa, Miguel Hidalgo Res., Rio Grande |
| 25 | 8045 | " Chihuahua, Rio Fuerte, Sierra Madre Occidental |
| 26 | 8046 | " " " " " " |
| 27 | 8047 | " " " " " " |
| 28 | 8048 | " Sinaloa, Culiacan, Rio Humaya |
| 29 | 8049 | " " Sierra Madre Occidental, Rio Humaya |
| 30 | 8050 | " " " " " " |
| 31 | 8051 | " Leon, Irapuato |
| 32 | 8052 | " Celaya, Leon |
| 33 | 8053 | " Neo-volcanic Plateau NW of Mexico City |
| 34 | 8054 | " " " " " " |
| 35 | 8055 | " Mexico City, Lake Texcoco, waterworks |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION LOCATION, ETC. |
|--------------|--------------|--|
| 36 | SL4-207-8056 | Mexico, Popocatepetl, Iztaccihuatl, Amecameca |
| 37 | 8057 | Honduras El Salvador, Nicaragua, Gulf of Fonseca |
| 38 | 8058 | Nicaragua, Gulf of Fonseca, Cosiguinan volcanoes |
| 39 | 8059 | Coastline with snow and sea ice, Sakhalin |
| 40 | 8060 | Lilya, Urabi Sand Sea |
| 41 | 8061 | " " |
| 42 | 8062 | Kenya, Lake Rudolph, volcanoes, blurred |
| 43 | 8063 | Sand dunes, underexposed |
| 44 | 8064 | Badly blurred, probably Gulf Coast USA |
| 45 | 8065 | KSC, blurred |
| 46 | 8066 | " " |
| 47 | 8067 | " Clear |
| 48 | 8068 | Chad, inundated dunes in Lake Chad |
| 49 | 8069 | " " " " " " |
| 50 | 8070 | " " " " " " |
| 51 | 8071 | " " " " " " |
| 52 | 8072 | Angola Coast, Porto Amboim, Lobito, looking SW |
| 53 | 8073 | SW Africa, Namib Desert |
| 54 | 8074 | " " " " |
| 55 | 8075 | Lake Michigan, pollution pattern |
| 56 | 8076 | " " cloudy, out of focus |
| 57 | 8077 | N. Y., N. J., Brooklyn, clouds or smoke, Newark |
| 58 | 8078 | " " pollution in ocean dumping grounds E of City |
| 59 | 8079 | " " W. End of Long Island, Jamaica Bay |
| 60 | 8080 | " Long Island, E. End, Great Peconic Bay, Montauk Point |
| 61 | 8081 | Oregon, Rogue R., Gold Beach |
| 62 | 8082 | " Cape Blanco, Bandon, Coquille R. |
| 63 | 8083 | Blank |
| 64 | 8084 | Colombia, Punta Chirambira, Rio San Juan |
| 65 | 8085 | " Punta Coco, Timbiqui |
| 66 | 8086 | Calif., San Francisco Bay, Monterey Bay, Sacramento Valley |

END OF ROLL

SKYLAB 4

(CARRISON-POGUE)

MAGAZINE NO. CX-38 CAMERA Nikon LENS Various FILM TYPE SO-368

DESCRIPTION Ektachrome, medium speed WIDTH 35-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|--------------|--|
| 1 | SL4-208-8087 | Clouds over water |
| 2 | 8088 | " " " |
| 3 | 8089 | " " " |
| 4 | 8090 | Argentina, Lago Buenos Aires, Lago Musters, Lago Colhue-Iruapi |
| 5 | 8091 | " Pen De Valdez, Punta Escondido, Golfo Nuevo |
| 6 | 8092 | Clouds over water |
| 7 | 8093 | " " " |
| 8 | 8094 | " " " |
| 9 | 8095 | " " " |
| 10 | 8096 | " " " |
| 11 | 8097 | " " " |
| 12 | 8098 | " " " |
| 13 | 8099 | " " " |
| 14 | 8100 | " " " |
| 15 | 8101 | " " " |
| 16 | 8102 | " " " |
| 17 | 8103 | Mali, Guinea, Ivory Coast, Upper Guinea Plains |
| 18 | 8104 | " Niger R., Bourem, Timbukto, Gao |
| 19 | 8105 | Algeria, Tideridjaouine, Hahalet, Hahacu |
| 20 | 8106 | " Grand Erg Oriental, Hamada de Tingher |
| 21 | 8107 | " " " " |
| 22 | 8108 | Libya, Tripoli, Mediterranean Sea |
| 23 | 8109 | Galapagos Is., Isabela I., cloudy |
| 24 | 811 | " " Fernandina and Isabela Is., clouds |
| 25 | 8111 | " " Isabela I., cloudy |
| 26 | 8112 | Fla., Tampa, St. Petersburg |
| 27 | 8113 | " Cape Canaveral, KSC, Melbourne |
| 28 | 8114 | Quebec, St. Lawrence R., out of focus |
| 29 | 8115 | " " " " " " " |
| 30 | 8116 | Calif., San Francisco, San Joaquin Valley, Big Sur Coast |
| 31 | 8117 | " San Joaquin Valley, very dark |
| 32 | 8118 | " Sierra Nevada, very dark |
| 33 | 8119 | Oregon, Washington, Idaho, sunset view, Cascades, Wallowa Mts. |
| 34 | 8120 | Idaho, Wyo., Utah, sunset view, Snake R., Great Salt Lake |
| 35 | 8121 | Australia, fires near Alice Springs about 135°E 24°S |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|--------------|--|
| 36 | SL4-208-8122 | Australia, near Barkly Tableland, Northern Territory, cloud streets |
| 37 | 8123 | Calif., Lake Elsinore, Elsinore Fault |
| 38 | 8124 | " San Diego County, Julian, Laguna Mts., Elsinore Fault |
| 39 | 8125 | " " " " Campo, Laguna Mts. |
| 40 | 8126 | S. Calif., Santa Ana, Huntington Beach, dark, blurred |
| 41 | 8127 | Hawaii, I. of Hawaii, Kilavea Crater. South Cape |
| 42 | 8128 | " Molokai, Lanai, Maui |
| 43 | 8129 | " Maui, Haleakala Crater, Wailuku |
| 44 | 8130 | " I. of Hawaii, Kilauea rift zone |
| 45 | 8131 | " Very dark |
| 46 | 8132 | Guam (North end) |
| 47 | 8133 | Tokyo, Yokohama, Tokyo Bay, oblique to S. |
| 48 | 8134 | " area, very dark |
| 49 | 8135 | Atlantic O. off Angola, clouds |
| 50 | 8136 | Clouds, Congo |
| 51 | 8137 | Zaire, SE of Kinshasa |
| 52 | 8138 | " Congo R., Lulonga R. |
| 53 | 8139 | " Uele R., clouds |
| 54 | 8140 | Central African Republic, Kotto R. |
| 55 | 8141 | Sudan SW of En Nahud, Bahr El Arab R. |
| 56 | 8142 | " Nile R. at Kakur |
| 57 | 8143 | Egypt, Ras Banas, Foul Bay, Sudan, Wadi Ibib |
| 58 | 8144 | Saudi Arabia, An Nafud, clouds |
| 59 | 8145 | " " Ad Dahna, Irbil, Tuwaiq |
| 60 | 8146 | Iran, Elburz Mts., SE corner of Caspian Sea |
| 61 | 8147 | USSR, Amu Darya (river), Turkmeniya and Uzbekistan, dark |
| 62 | 8148 | Cloud rolls over USSR, Kazakhstan, very dark |
| 63 | 8149 | Cloud rolls on low stratus, over USSR, Kazakhstan, no ground visible |
| 64 | 8150 | Oblique sunset views to S. over USSR/China border, TienShan Mts. |
| 65 | 8151 | " " " " " " " " " " " partial |

END OF ROLL

C-2

SECTION III

70mm 6-Lens Multispectral Camera

SKYLAB 4

NOVEMBER 16, 1973 - FEBRUARY 8, 1974

PHOTOGRAPHIC IDENTIFICATION LIST

70-MM 6-LENS MULTISPECTRAL CAMERA

(STATION 4 ONLY)

Prepared by:

Richard W. Underwood

PHOTOGRAPHIC TECHNOLOGY DIVISION

JOHNSON SPACE CENTER (JL)

HOUSTON, TEXAS 77058

| <u>STATION</u> | <u>FILM</u> | <u>ROLL</u> | <u>ROLL</u> | <u>ROLL</u> | <u>ROLL</u> | <u>ROLL</u> | <u>ROLL</u> | <u>ROLL</u> |
|----------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 | 2424 (B&W-IR) | 49 | 55 | 61 | 67 | 73 | A1 | 1B |
| 2 | 2424 (B&W-IR) | 50 | 56 | 62 | 68 | 74 | A2 | 2B |
| 3 | 2443 (IR-COLOR) | 51 | 57 | 63 | 69 | 75 | A3 | 3B |
| 4 | S0-356 (COLOR) | (52) | (58) | (64) | (70) | (76) | (A4) | (4B) |
| 5 | S0-022 (B&W) | 53 | 59 | 65 | 71 | 77 | A5 | 5B |
| 6 | S0-022 (B&W | 54 | 60 | 66 | 72 | 78 | A6 | 6B |
| | SET | R/W | T/V | X/R | Y/T | Z/X | P/Y | U/Z |

NOTES: This identification list has been prepared for Station 4 only. Station 4 is the S0-356 Ektachrome Color Film. Anyone ordering photographic products for any of the other five channels need only change the roll number to the proper one for the station required. The frame number (last three digits) will remain the same in each case. Example: SL4-52-019 (S0-356) was taken at the exact same time as SL4-49-019, SL4-50-019, SL4-51-019, SL4-53-019, and SL4-54-019.

Cloud cover is indicated when appropriate by C=XX, such as C=10. This means that there is approximately 10 percent clouds and shadows while C=90 means approximately 90 percent cloud cover. With high cloud cover photographs, only the general area is indicated unless a specific feature is visible within the noncloudy portion of the photograph. S=20 indicates percent of snow coverage.

Consult proper data and guide books for information, such as film characteristics, filters, shutter speeds, spacecraft dynamics, times, solar angles, etc.

No filters installed for Set R/W (rolls 49 through 54) thus no multispectral data available. On EREP Pass 14 only, Station 5 and 6 filters reversed (rolls 59 and 60).

RUNOUTS WHEN NOT SAME See notes at end of rolls 52, 64, 70, and A4. All stations runout at same frame on 58, 76, and B4. For numbering error between rolls 75 and 76, see note bottom first page of roll 76.

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. 52 CAMERA Itek 6-lens Multispectral LENS 6"150-mm FILM TYPE SO-356
Ektachrome Aerial,
 DESCRIPTION High Definition WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 1 | SL4-52-001 | BEGIN EREP PASS #3, Ut., Colo., N. M., Canyonlands, San Juan Mts, |
| 2 | 002 | Colo., N. M., Ut., Ariz., San Juan Mts., Uncompahgre Plateau |
| 3 | 003 | " " " " 4-Corners, San Juan Mts., Grand Mesa |
| 4 | 004 | N. M., Colo., Ariz., Ut., San Juan Mts., Rio Grande, 4-Corners |
| 5 | 005 | " " " Albuquerque, San Juan Mts., San Luis Valley, Navajo Lake |
| 6 | 006 | " " " " Rio Grande, San Juan Mts., San Luis Valley |
| 7 | 007 | " " " " Sangre De Cristo Mts. |
| 8 | 008 | " " " " Sangre De Cristo Mts., Sacramento Mts. |
| 9 | 009 | Tex., N. M., Pecos R., Carlsbad, Roswell, Ft. Sumner |
| 10 | 010 | " " " Lubbock, Midland, Hobbs, Pecos |
| 11 | 011 | " Mexico (Coahuila), Big Bend, San Angelo, Midland, Odessa |
| 12 | 012 | " " " Amistad Res., San Angelo, Edwards Plateau |
| 13 | 013 | " " " Del Rio, Amistad Res., San Antonio |
| 14 | 014 | " " (Coa-N.L.-Tamp), Rio Grande, San Antonio, Laredo |
| 15 | 015 | " " (Tamaulipas-N. leon-Coahuila), Rio Grande, Laredo |
| 16 | 016 | " " " Falcon Res., Rio Grande, McAllen |
| 17 | 017 | " " " Rio Grande, Brownsville, Matamoros, C-10 |
| 18 | 018 | " " " Corpus Cristi, Matamoros, BREAK IN PASS, C-20 |
| 19 | 019 | Honduras, Nicaragua, Juticalpa, Ocotal, Patuga R., C-60 |
| 20 | 020 | Nicaragua, Lake Nicaragua, Managua, Lake Managua, C-30 |
| 21 | 021 | Clouds, 100 |
| 22 | 022 | BREAK IN PASS, Bolivia, Brazil, Trinidad, Rio Mamore, C-25 |
| 23 | 023 | Bolivia, Brazil, Rio Mamore, Trinidad, C-18 |
| 24 | 024 | " " " " Rio San Miguel, C-15 |
| 25 | 025 | " " Laguna Concepcion, C-10 |
| 26 | 026 | " " Serrania De Santiago, Laguna Concepcion |
| 27 | 027 | Paraguay, Bolivia, Brazil, Rio Paraguai, Serrania De Santiago |
| 28 | 028 | " Brazil, Bolivia, Rio Paraguai, Ladario |
| 29 | 029 | " Bolivia, Brazil, Rio Paraguai, Corumba |
| 30 | 030 | " Brazil, Bolivia, Rio Paraguai, Porto Esperanca |
| 31 | 031 | " " Rio Paraguai, Puerto Guarani, Chaco Boreal |
| 32 | 032 | " " " " Puerto Casado, Gran Chaco |
| 33 | 033 | " " " " Puerto Pinasco |
| 34 | 034 | " " " " |
| 35 | 035 | Brazil, Paraguay, Rio Parana |

NOTE: Roll Ends at Frame

| | |
|----|---------------|
| 53 | 404 |
| 52 | 407 |
| 49 | 439 |
| 50 | Not Processed |
| 51 | Not Processed |
| 54 | Not Processed |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 36 | SL4-52-036 | Brazil, Paraguay, Rio Parana, Rio Ivai, Rio Parana Panema |
| 37 | 037 | " " " " " " C-15 |
| 38 | 038 | " " " " " " C-20 |
| 39 | 039 | " " " " " " C-25 |
| 40 | 040 | " " " " " " C-35, END EREP PASS #3 |
| 41 | 041 | BEGIN EREP PASS #4, S. D., Bad R., White R. |
| 42 | 042 | S. D., Badlands, White R., Missouri R. |
| 43 | 043 | " " Neb., Missouri R., F. Case Res., Niobrara R., S-30 |
| 44 | 044 | " " " " " " " " S-50, C-10 |
| 45 | 045 | " " " " " " Ft. Randall Dam, Niobrara R., S-60, C-40 |
| 46 | 046 | " " " " " " Niobrara R., S-60, C-70 |
| 47 | 047 | " " " " " " Iowa, C-95 |
| 48 | 048 | Neb., Iowa, Omaha, Missouri R., C-80 |
| 49 | 049 | Iowa, Neb., Omaha, Missouri R., C-75 |
| 50 | 050 | " " " " " " Des Moines, Missouri R., Atlantic, C-70 |
| 51 | 051 | " " " " " " Des Moines, Des Moines R., C-65 |
| 52 | 052 | Mo., Iowa, Des Moines R., Osceola, Oskaloosa, C-60 |
| 53 | 053 | Ill., Mo., Iowa, Mississippi R., Des Moines R., Ottumwa, C-60 |
| 54 | 054 | " " " " " " Quincy, Mississippi R., Monroe City, C-60 |
| 55 | 055 | " " " " " " Quincy, Mississippi R., Hannibal, C-60 |
| 56 | 056 | Mo., Ill., St. Louis, Mississippi R., Missouri R., Illinois R., C-50 |
| 57 | 057 | Ill., Mo., " " " " " " " " " " C-40 |
| 58 | 058 | Mo., Ill., " " " " " " Kaskaskia R., C-50 |
| 59 | 059 | " " " " " " Ind., Mississippi R., Ohio R., Wabash R., C-30 |
| 60 | 060 | " " " " " " Ky., Ohio R., Wabash R., Tennessee R., Paducah, C-20 |
| 61 | 061 | Ill., Ind., Ky., Tenn., Evansville, Ohio R., Cumberland R., C-15 |
| 62 | 062 | Ind., Ky., Tenn., Ohio R., Owensboro, Lake Barkley |
| 63 | 063 | Ky., Tenn., Nashville, Cumberland R., Bowling Green |
| 64 | 064 | " " " " " " " " Center Hill Res. |
| 65 | 065 | Tenn., Chattanooga, Tennessee R., Cumberland Plateau |
| 66 | 066 | " " N. C., Ga., Chattanooga, Copperhill Area, Great Smoky Mts. |
| 67 | 067 | " " " " " " S. C., Copperhill Area, Great Smoky Mts. |
| 68 | 068 | S. C., Ga., N. C., Hartwell Res., Anderson, Mt. Airy |
| 69 | 069 | Ga., S. C., Athens, Clark Hill Res., Hartwell Res. |
| 70 | 070 | " " " " " " Augusta, Savannah R., Clark Hill Res. |
| 71 | 071 | " " " " " " Savannah R., Augusta, Aiken |
| 72 | 072 | " " " " " " Savannah, Savannah R., Edisto R. |
| 73 | 073 | " " " " " " " " " " Sea Isle Coast |
| 74 | 074 | " " " " " " " " " " " " |
| 75 | 075 | Atlantic O. off Ga. |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 76 | SL4-52-076 | Atlantic O. off Ga., C-10 |
| 77 | 077 | " " " " C-20 |
| 78 | 078 | " " " " C-60 |
| 79 | 079 | " " " " C-90 |
| 80 | 080 | " " " Fla. C-95 |
| 81 | 081 | " " " " C-90 |
| 82 | 082 | " " " " C-60, BREAK IN PASS |
| 83 | 083 | BREAK IN PASS, Atlantic O. North of Puerto Rico, C-20 |
| 84 | 084 | Atlantic O. North of Puerto Rico, C-20 |
| 85 | 085 | Puerto Rico, Remy AFB, Arecibo, C-25 |
| 86 | 086 | " " San Juan, Ponce, C-30 |
| 87 | 087 | " " " " Vieques I., C-30 |
| 88 | 088 | " " Humacao, " " C-35 |
| 89 | 089 | Caribbean Sea, C-35 |
| 90 | 090 | " " " " |
| 91 | 091 | " " C-30 |
| 92 | 092 | " " C-20 |
| 93 | 093 | " " " BREAK IN PASS |
| 94 | 094 | BREAK IN PASS, Brazil, Amazon R., C-90 |
| 95 | 095 | Brazil, Rio Amazon, C-85 |
| 96 | 096 | " Rio Para, C-85, BREAK IN PASS |
| 97 | 097 | BREAK IN PASS, Brazil, Rio Parim, C-70 |
| 98 | 098 | Brazil, Rio Parim, C-70 |
| 99 | 099 | " " " " |
| 100 | 100 | " Serra Veamelha, C-75 |
| 101 | 101 | " Rio San Francisco, C-60 |
| 102 | 102 | " " " " C-65 |
| 103 | 103 | " " " " C-80 |
| 104 | 104 | " " " " C-90 |
| 105 | 105 | " C-95 |
| 106 | 106 | " " |
| 107 | 107 | " C-96 |
| 108 | 108 | " C-97 |
| 109 | 109 | " C-98 |
| 110 | 110 | " C-100, END EREP PASS #4 |
| 111 | 111 | BEGIN EREP PASS #5, Colo., N. M., San Juan Mts., San Luis Valley, S-40 |
| 112 | 112 | Colo., N. M., San Juan Mts., San Luis Valley, Rio Grande, Taos, C-15 |
| 113 | 113 | N. M., Taos, Sangre De Cristo Mts., Las Vegas, C-15 |
| 114 | 114 | " " Las Vegas, Conchas Res., Canadian R., Philmont, C-10 |
| 115 | 115 | " " Tucumcari, Conchas Res., Ute Res., Logan |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 116 | SL4-52-116 | N. M., Tex., Clovis, Hereford, San Jon, Muleshoe |
| 117 | 117 | Tex., Lubbock, Plainview, Muleshoe, Levelland |
| 118 | 118 | " Brazos Forks, Pease R., Spur, Aspermont |
| 119 | 119 | " Abeline, Anson, Clear Fork of Brazos, Buffalo Gap |
| 120 | 120 | " " Buffalo Gap, Brownwood Lake, Cisco, Brazos R. |
| 121 | 121 | " Brownwood, Coleman, Brazos R., Dublin |
| 122 | 122 | " " Brazos R., Killeen, Hamilton |
| 123 | 123 | " Austin, Temple, Killeen, LBJ Lake, Inks Lake |
| 124 | 124 | " " Lake Travis, Temple, Ft. Hood, Buchanan Lake |
| 125 | 125 | " " Colorado R., Brazos R., College Station |
| 126 | 126 | " Brazos R., College Station, Houston, Columbus |
| 127 | 127 | " Houston, LB Johnson Space Center, Texas City, Wharton |
| 128 | 128 | " " " " " Galveston, Freeport |
| 129 | 129 | " Texas City, Galveston, Freeport |
| 130 | 130 | Gulf of Mexico |
| 131 | 131 | " " " " |
| 132 | 132 | " " " C-20 |
| 133 | 133 | " " " C-35 |
| 134 | 134 | " " " C-40 |
| 135 | 135 | " " " C-60 |
| 136 | 136 | " " " C-80 |
| 137 | 137 | " " " C-65 |
| 138 | 138 | Mexico (Yucatan-Quintana Roo), Cabo Catoche, Holbox, C-80 |
| 139 | 139 | " " " " " C-90 |
| 140 | 140 | Caribbean Sea, C-75 |
| 141 | 141 | " " " C-65 |
| 142 | 142 | " " " C-40 |
| 143 | 143 | Honduras, Nicaragua, Cabo Gracias A Dios, Offshore reefs, C-30 |
| 144 | 144 | Caribbean Sea, C-30, BREAK IN PASS |
| 145 | 145 | BREAK IN PASS, Brazil, Amazon Basin, C-50 |
| 146 | 146 | Brazil, Amazon Basin, C-50 |
| 147 | 147 | " " " C-65 |
| 148 | 148 | " " " C-60 |
| 149 | 149 | " " " " |
| 150 | 150 | " " " " |
| 151 | 151 | " " " " |
| 152 | 152 | " " " Rio Juruia, C-60 |
| 153 | 153 | " " " " " |
| 154 | 154 | " " " C-70 |
| 155 | 155 | " " " C-65 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 156 | SL4-52-156 | Brazil, Amazon Basin, C-75 |
| 157 | 157 | " " " " " " |
| 158 | 158 | " " " " BREAK IN PASS |
| 159 | 159 | BREAK IN PASS, Brazil, Near Campo Grande, C-30 |
| 160 | 160 | Brazil, Rio Pardo, C-20 |
| 161 | 161 | " Rio Parana, Rio Paranapanema, C-20 |
| 162 | 162 | " Rio Paranapanema, Rio Tabagi, Rio Ivai, C-30 |
| 163 | 163 | " Rio Ivai, C-60 |
| 164 | 164 | " Rio Tibagi, C-90, END EREP PASS #5 |
| 165 | 165 | BEGIN EREP PASS #6, Colo., Colorado R., Gore Range, C-75 |
| 166 | 166 | Colo., Vail, Aspen, Colorado R., C-60 |
| 167 | 167 | " Mt. Evans, South Park, Leadville, Vail, C-40 |
| 168 | 168 | " Colorado Springs, South Park, Mt. Evans, USAF Academy, C-30 |
| 169 | 169 | " Arkansas R., Pueblo, Colorado Springs, South Park, 11-Mile Res. |
| 170 | 170 | " " " " " " |
| 171 | 171 | " " " La Junta, Ordway |
| 172 | 172 | " Kan., Okla., Arkansas R., Lamar, Purgatourie R., La Junta |
| 173 | 173 | Okla., Colo., Kan., Arkansas R., Cimarron R., Springfield |
| 174 | 174 | " Tex., Kan., Cimarron R., Liberal, Guymon |
| 175 | 175 | " " " Liberal, Cimarron R., N. Canadian R |
| 176 | 176 | " " " Canadian R., N. Canadian R., Cimarron R. |
| 177 | 177 | " " Canadian R., Ft. Supply, Elk City, Canton Res. |
| 178 | 178 | " Canton Res., El Reno, Canadian R. |
| 179 | 179 | " Oklahoma City, Norman, Canadian R., C-10 |
| 180 | 180 | " " " " " Arbuckle Mts., C-15 |
| 181 | 181 | " Tex., Red R., Norman, Ardmore, Lake Texoma, C-10 |
| 182 | 182 | " " Lake Texoma, Red R., Denison, Paris, C-40 |
| 183 | 183 | Tex., La., Tyler, Marshall, Longview, Palestine Lake, C-60 |
| 184 | 184 | " " Shreveport, Marshall, Toledo Bend Lake, Red R. |
| 185 | 185 | " " Natchitoches, Red R., Toledo Bend Res. Rayburn Res. |
| 186 | 186 | " " Red R., Alexandria, Toledo Bend Res., Lake Charles |
| 187 | 187 | La., Lake Charles, Lafayette, Opelousas, Atchafalaya R., C-12 |
| 188 | 188 | " Atchafalaya R., Lafayette, New Iberia, Vermillion Bay, C-15 |
| 189 | 189 | " " Mississippi R., Vermillion Bay, C-10 |
| 190 | 190 | " " Atchafalaya Bay, Morgan City |
| 191 | 191 | " Terrebonne Bay, Morgan City |
| 192 | 192 | " Timbalier I., Grand Isle |
| 193 | 193 | Gulf of Mexico, C-15 |
| 194 | 194 | " " " C-40 |
| 195 | 195 | " " " C-60 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 196 | SL4-52-196 | Gulf of Mexico, C-50 |
| 197 | 197 | " " " C-40 |
| 198 | 198 | " " " C-45 |
| 199 | 199 | " " " " |
| 200 | 200 | Cuba (Pinar Del Rio) Mantua, Archipelago De Los Colorados BREAK IN PASS |
| 201 | 201 | Grand Cayman I., C-60 |
| 202 | 202 | Caribbean Sea, Pedro Bank, C-30 |
| 203 | 203 | " " " C-30, END OF EREP PASS #6 |
| 204 | 204 | BEGIN EREP PASS #7, Pacific O. off Calif., C-20 |
| 205 | 205 | Pacific O. off Calif., C-30 |
| 206 | 206 | " " " " |
| 207 | 207 | Calif., Point Arguello, Point Concepcion, Vandenberg |
| 208 | 208 | " Vandenberg, Point Arguello, San Miguel I. |
| 209 | 209 | " Point Concepcion, Santa Rosa I., Santa Cruz I. |
| 210 | 210 | " San Nicolas I., Santa Rosa I., San Miguel I. |
| 211 | 211 | " Santa Cruz I., San Nicolas I., Santa Barbara I. |
| 212 | 212 | " San Nicolas I., Santa Barbara I., San Clemente I. |
| 213 | 213 | " San Clemente I. |
| 214 | 214 | Baja Calif., Bahia Del Descanso |
| 215 | 215 | " " Todo Santos Bay, Punta Banda |
| 216 | 216 | " " Punta Banda, Punta San Jose |
| 217 | 217 | " " Bahia San Quintin, Cabo San Quintin, Punta Baja |
| 218 | 218 | " " Sierra Columbia, Bahia Blanca, C-15 |
| 219 | 219 | " " Laguna Ojo De Libre, Sea of Cortez |
| 220 | 220 | " " Desierto De Vizcaino, Sea of Cortez |
| 221 | 221 | " " Punta Concepcion, Santa Rosalia |
| 222 | 222 | " " Carman I., Sierra La Giganta, San Diego I. |
| 223 | 223 | " " LaPaz, Bahia La Paz, San Jose I., Espirito Santo I. |
| 224 | 224 | " " Punta Arena, Punta Arena De La Ventana |
| 225 | 225 | Pacific O. off Mexico |
| 226 | 226 | " " " " Isla San Juanito |
| 227 | 227 | Mexico (Nayarit), Islas Marias |
| 228 | 228 | " " " " |
| 229 | 229 | " (Jalisco-Nayarit), Puerto Vallarta, Bahia De Banderas |
| 230 | 230 | " " " " Cabo Corrientes |
| 231 | 231 | " (Jalisco-Colima), Autlan, Puerto Vallarta |
| 232 | 232 | " " Manzanillo, Bahia Manzanillo |
| 233 | 233 | " (Jalisco-Colima-Michoacan), Manzanillo, Punta San Juan Lima |
| 234 | 234 | " (Colima-Michoacan) Punta San Telmo |
| 235 | 235 | " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 236 | SL4-52-236 | Pacific O. off Mexico, C-20, END EREP PASS #7 |
| 237 | 237 | BEGIN EREP PASS #8, La., Ark., C-93 |
| 238 | 238 | Miss., La., Ark., C-99 |
| 239 | 239 | " " " C-96 |
| 240 | 240 | Miss., Jackson, Pearl R., Big Black R., Yazoo R., C-60 |
| 241 | 241 | " " " Ross Barnett Res., Pearl R., Laurel |
| 242 | 242 | " Ala., Hattiesburg, Laurel, Leaf R., Tombigee R. |
| 243 | 243 | " " " Mobile, Laurel, Hattiesburg, Alabama R., C-15 |
| 244 | 244 | Ala., Miss., Fla., Mobile, Alabama R., Mobile Bay, Dauphin I., C-60 |
| 245 | 245 | " Fla., Mobile, Mobile Bay, Dauphin I., Pensacola, C-50 |
| 246 | 246 | " " " Pensacola, Ft. Walton Beach, C-50 |
| 247 | 247 | Fla., Ft. Walton Beach, C-35 |
| 248 | 248 | Gulf of Mexico, C-25 |
| 249 | 249 | " " " C-30 |
| 250 | 250 | " " " C-50 |
| 251 | 251 | " " " " |
| 252 | 252 | " " " " |
| 253 | 253 | " " " C-35 |
| 254 | 254 | " " " C-25 |
| 255 | 255 | " " " C-10 |
| 256 | 256 | Fla., Florida Bay, Cape Romano, C-10 |
| 257 | 257 | " " " Cape Sable, Flamingo, Key West, C-25 |
| 258 | 258 | " Cape Sable, Key West, Florida Keys, Marqueses Key, C-25 |
| 259 | 259 | " Key Largo, Great Bahama Banks, C-25, BREAK IN PASS |
| 260 | 260 | BREAK IN PASS, Venezuela, Columbia, Pen De Guajira, Aruba, C-15 |
| 261 | 261 | Venezuela, Columbia, Aruba, Pen. De Guajira, Pen De Paraguana, C-20 |
| 262 | 262 | " Aruba, Pen De Paraguana, Coro, Golfete De Coro, C-25 |
| 263 | 263 | " Coro, Golfete De Coro, C-40 |
| 264 | 264 | " " Barquismeto, C-60 |
| 265 | 265 | " San Carlos, Rio Cojedes, C-70 |
| 266 | 266 | " Valencia, San Carlos, C-65 |
| 267 | 267 | " " Rio Cojedes, C-50 |
| 268 | 268 | " Calabozo, Embalse De Guarico, Rio Corjedes, C-15 |
| 269 | 269 | " " " " San Fernando, C-15 |
| 270 | 270 | " Rio Orinoco, Rio Apure, C-20, END EREP PASS #8 |
| 271 | 271 | BEGIN EREP PASS #9, Calif., C-100 |
| 272 | 272 | Calif., Coast Range, C-80 |
| 273 | 273 | " Point Reyes, Santa Rosa, Clear Lake, C-70 |
| 274 | 274 | " " " Russian R., Sacramento, C-65 |
| 275 | 275 | " San Francisco, Point Reyes, Sacramento, C-70 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 276 | SL4-52-276 | Calif., San Francisco, Sacramento R., C-65 |
| 277 | 277 | " Diablo Range, C-80 |
| 278 | 278 | " C-95 |
| 279 | 279 | " " |
| 280 | 280 | " Sierra Nevada Mts., C-90 |
| 281 | 281 | " " " " |
| 282 | 282 | " Tehachapi Mts., C-90 |
| 283 | 283 | " San Bernadino, San Gabriel Mts., Old Baldy, C-60 |
| 284 | 284 | " " " Big Bear Lake, San Gorgonio Mts., C-40 |
| 285 | 285 | " Coachilla Valley, Palm Springs, San Bernadino, C-15 |
| 286 | 286 | " Salton Sea, Coachilla Valley, Indio, Joshua Tree, N. M. |
| 287 | 287 | " Ariz., Baja Calif., Mexicali, Imperial Valley, Colorado R. |
| 288 | 288 | " Ariz., Baja Calif., Sonora, San Luis, Yuma, Colorado R. |
| 289 | 289 | " " " " " Gila R., Yuma, C-10 |
| 290 | 290 | Ariz., Sonora, Gila R., Yuma, Pinacate Mts., C-15 |
| 291 | 291 | " " " " Pinacate Mts., Puerto Penasco, C-10 |
| 292 | 292 | " " Sunoyta, Pinacate Mts., Puerto Penasco |
| 293 | 293 | " " Rio Magdalena, Cerro Cozon, Caborca |
| 294 | 294 | Sonora, Rio Magdalena, Santa Ana, Caborca |
| 295 | 295 | " Hermosillo, Rio De Sonora, Ures |
| 296 | 296 | " " " " " Rio Zanjon |
| 297 | 297 | " " " " " Rio Yaqui |
| 298 | 298 | " Rio Yaqui, Presa Mocuzari, Sierra Madre Occidental |
| 299 | 299 | " Presa Hidalgo, Presa Mocuzari, Sierra Madre Occidental |
| 300 | 300 | " Chihuahua, Sierra Madre Occidental, Canyon De Cobre |
| 301 | 301 | " " " " " Rio Verde |
| 302 | 302 | Sinaloa, Chihuahua, Durango, Sierra Madre Occidental |
| 303 | 303 | " " " " " |
| 304 | 304 | Durango, Sinaloa, Sierra Madre Occidental |
| 305 | 305 | " Presa El Palmito, Sierra Madre Occidental |
| 306 | 306 | " Lago Santa Guilla, Rio Santiago |
| 307 | 307 | " Durango, Laguna Santi Villa, Rio Santiago |
| 308 | 308 | " Zacatecas, Durango, Laguna Santi Guilla, Rio Santiago |
| 309 | 309 | " " " Somberete |
| 310 | 310 | " " Jalisco, Valparaiso, Fresnillo |
| 311 | 311 | Zacatecas, Jalisco, Zacatecas, Fresnillo |
| 312 | 312 | " Aguacalientes, Jalisco, Aguacalientes, Zacatecas |
| 313 | 313 | Aguacalientes, Jalisco, Zacatecas, Aguacalientes |
| 314 | 314 | " " Guanajuato, Leon, Aguacalientes |
| 315 | 315 | Jalisco, Guanajuato, Leon, Irapuato, Guanajuato |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 316 | SL4-52-316 | Guanajuato, Michoacan, Queretaro, Guanajuato, Queretaro |
| 317 | 317 | " " " " Queretaro, Morelia |
| 318 | 318 | Michoacan, Queretaro, Mexico, Toluca, Morelia, Zitacuaro |
| 319 | 319 | Mexico, Morelos, Guerrero, Mexico City, Cuernavaca, Toluca |
| 320 | 320 | " " " " Cuernavaca, Mexico City, Iguala, Taxco |
| 321 | 321 | Morelos, Puebla, Guerrero, Iguala, Rio Mexcala |
| 322 | 322 | Guerrero, " Oaxaca, Tlapa, Acatlan |
| 323 | 323 | " " Oaxaca, Rio Ometepe |
| 324 | 324 | Oaxaca, Rio Verde, Boca Rio Verda |
| 325 | 325 | " " " " Chila, Puerto Escondido |
| 326 | 326 | " " Pochutla, Puerto Angel, Rio Capatia |
| 327 | 327 | " " " " END EREP PASS #9 |
| 328 | 328 | BEGIN EREP PASS #10, Clouds over Pacific, C-30 |
| 329 | 329 | Clouds over Pacific, C-70 |
| 330 | 330 | " " " " C-90 |
| 331 | 331 | " " " " C-100, Partial fog, END EREP PASS #10 |
| 332 | 332 | BEGIN EREP PASS #11, New Mexico, White Sands, N. M., Sacramento Mts. |
| 333 | 333 | N. M., White Sands, N. M., Sacramento Mts., Roswell |
| 334 | 334 | " " Tex., El Capitan Peak, Pecos R., Roswell, Carls" |
| 335 | 335 | BREAK IN PASS, Tex., C-98 |
| 336 | 336 | BREAK IN PASS, Tex., Mexico (Coahuila), Eagle Pass, " " Cotulla |
| 337 | 337 | BREAK IN PASS, Tex., Baffin Bay, Padre I., McAllen, " " "ville |
| 338 | 338 | Tex., Mexico, (Tamaulipas), Baffin Bay, Padre I., Matamoros, Brownsville |
| 339 | 339 | " " " " Brownsville, Matamoros, Harlingen, C-10 |
| 340 | 340 | " " " " Mouth of Rio Grande, C-15 |
| 341 | 341 | Gulf of Mexico, C-40, BREAK IN PASS |
| 342 | 342 | BREAK IN PASS, Gulf of Mexico, C-60 |
| 343 | 343 | Gulf of Mexico, C-70, BREAK IN PASS |
| 344 | 344 | BREAK IN PASS, Guatemala, Belize, Belize City, Turneffe Is., C-25 |
| 345 | 345 | Belize, Guatemala, Honduras, Belize City, Puerto Cortez, Tela, C-15 |
| 346 | 346 | Guatemala, Honduras, San Pedro Sula, La Ceiba, Puerto Cortez, La Lima |
| 347 | 347 | Honduras, San Pedro Sula, La Lima, La Cieba, Olanchita, C-15 |
| 348 | 348 | " " Olanchita, Juticalpa, Salama, Yoro, C-20 |
| 349 | 349 | " " Nicaragua, Juticalpa, Yoro, Panli, C-50 |
| 350 | 350 | " " " " Rio Coco. Rio Guayape, C-60 |
| 351 | 351 | " " " " Esteli, Rio Coco, Lago Apanas, C-60 |
| 352 | 352 | Nicaragua, Juigalpa, C-75 |
| 353 | 353 | " " Rama, C-75 |
| 354 | 354 | " " Costa Rica, Lago Nicaragua, Rio San Juan, C-70 |
| 355 | 355 | " " " " San Juan Del Norte, Rio San Juan, C-70 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 356 | SL4-52-356 | Nicaragua, Costa Rica, San Juan Del Norte, Rio San Juan, C-40 |
| 357 | 357 | " " Puerto Limon, San Juan Del Norte, C-35 |
| 358 | 358 | Costa Rica, Panama, Puerto Limon, Guabito, C-25 |
| 359 | 359 | " " " Guabito, Sixaola, Bocas Del Toro, C-25 |
| 360 | 360 | Panama, Costa Rica, Bocas Del Toro, David, El Volcan, C-30 |
| 361 | 361 | " David, Laguna Chirique, Remedios, Pen. Valiente, C-30 |
| 362 | 362 | " Isla Coiba, Santiago, Remedios, C-30 |
| 363 | 363 | " " " Isla Cebaco, Pen. De Azuero, Santiago, C-30 |
| 364 | 364 | " Pen. De Azuero, C-40 |
| 365 | 365 | " " " " " |
| 366 | 366 | Pacific O., C-60 |
| 367 | 367 | " " C-80 |
| 368 | 368 | " " C-90 |
| 369 | 369 | " " C-80 |
| 370 | 370 | " " C-70 |
| 371 | 371 | Colombia, Pacific Coast, Isla Aji, Rio Iscuande, C-70 |
| 372 | 372 | " Isla Aji Rio Iscuande, C-70 |
| 373 | 373 | " Cordillera Occidental, Rio Patia, Dos Rio, C-65 |
| 374 | 374 | " Rio Patia, Cordillera Central, Bolivar, C-60 |
| 375 | 375 | " Rio Caqueta, Cordillera Oriental, Florencia, C-55 |
| 376 | 376 | " Ecuador, Rio Caqueta, Rio Putumayo, C-35 |
| 377 | 377 | " " " " " Rio Ortezueza, C-30 |
| 378 | 378 | " " Peru, Rio Caqueta, Rio Putumayo, C-30 |
| 379 | 379 | " " " Rio Putumayo, Rio Caqueta, C-35 |
| 380 | 380 | " Peru, Rio Caqueta, Rio Putumayo, Puerto Leguizamo, C-40 |
| 381 | 381 | " " " " " " Rio Napo, C-20 |
| 382 | 382 | " " " Rio Napo, Rio Putumayo, Rio Curaray, C-15 |
| 383 | 383 | " " " " " " " " |
| 384 | 384 | Peru, Colombia, Iquitos, Rio Maranon, Rio Napo, END EREP PASS #11 |
| 385 | 385 | Horizon view, overexposed |
| 386 | 386 | " " " |
| 387 | 387 | " " " |
| 388 | 388 | " " " |
| 389 | 389 | BEGIN EREP PASS #12, Gulf of Mexico, C-60 |
| 390 | 390 | Gulf of Mexico, C-80 |
| 391 | 391 | Cuba (Pinar Del Rio), Archipelago De Los Colorados, C-80 |
| 392 | 392 | Grand Caymen I., C-20 |
| 393 | 393 | BREAK IN PASS, Caribbean Sea, Serranilla Bank, C-10 |
| 394 | 394 | BREAK IN PASS, Caribbean Sea, C-20 |
| 395 | 395 | Colombia, Punta Faro, Mouin of Magdalena, C-15 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 396 | SL4-52-396 | Colombia, Barranquilla, Rio Magdalena Cienaga, C-10 |
| 397 | 397 | " " " " Sierra De Santa Marta, C-15 |
| 398 | 398 | " Pico De Cicolon, Rio Magdalena, Fundacion, C-15 |
| 399 | 399 | " Venezuela, Rio Cesar, Sierra De Perija, C-20 |
| 400 | 400 | Venezuela, Colombia, Rio Cesar, Rio Catatumbo, C-50 |
| 401 | 401 | Colombia, Venezuela, Rio Catatumbo, Rio Maratuto, C-70 |
| 402 | 402 | Venezuela, Colombia, Rio Maratuto, Cordillera De Merida, C-50 |
| 403 | 403 | Colombia, Venezuela, Cordillera De Merida, Cucuta, C-50 |
| 404 | 404 | " " " " San Cristobal, C-55 |
| 405 | 405 | Venezuela, Colombia, Rio Arauca, El Socorro, C-40 |
| 406 | 406 | Colombia, Venezuela, El Socorro, Rio Casanare, C-40 |
| 407 | 407 | " " Rio Meta, C-40 |
| 408 | 408 | " Rio Meta C-30 |
| 409 | 409 | " Rio Tomo C-25 |
| 410 | 410 | " " " C-20 |
| 411 | 411 | " " " Rio Vichada C-15 |
| 412 | 412 | " Rio Vichada, Rio Guaviare C-25 |
| 413 | 413 | " Rio Guaviare, Rio Inirida C-20 |
| 414 | 414 | " " " " C-50 |
| 415 | 415 | " C-80 BREAK IN PASS |
| 416 | 416 | BREAK IN PASS, Brazil (Goias) C-50 |
| 417 | 417 | Brazil (Goias-Minas Gerais) Rio Paranaiba C-50 |
| 418 | 418 | " (Minas Gerais) C-60 |
| 419 | 419 | " " " C-70 |
| 420 | 420 | " (Sao Paulo) C-80 |
| 421 | 421 | " " " C-90 |
| 422 | 422 | " " " C-90 |
| 423 | 423 | " " " C-95 |
| 424 | 424 | " " " C-95 |
| 425 | 425 | " " " C-95 |
| 426 | 426 | " " " C-95 |
| 427 | 427 | " " " C-97 |
| 428 | 428 | " " " C-100 |
| 429 | 429 | " " " C-100 |
| 430 | 430 | " " " C-100 |
| 431 | 431 | Atlantic Ocean C-100 |
| 432 | 432 | " " C-100 |
| 433 | 433 | " " C-100 |
| 434 | 434 | " " C-100 |
| 435 | 435 | " " C-100 |

END ROLL
53

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT-DESCRIPTION, LOCATION, ETC.</u> |
|----------------------|---------------------|--|
| 436 | SL4-52-436 | Atlantic Ocean C-100 |
| 437 | 437 | " " C-100 |
| 438 | 438 | " " C-100 |
| 439 | 439 | " " C-100 END EREP PASS # 12 END ROLL 49 |
| | END OF ROLL | |

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. 58 CAMERA Itek 6-lens, multispectral LENS 150-mm FILM TYPE SO-356

FILM DESCRIPTION Ektachrome, high definition FILM WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 1 | SL4-58-001 | Lunar calibration |
| 2 | 002 | " " |
| 3 | 003 | " " |
| 4 | 004 | " " |
| 5 | 005 | " " |
| 6 | 006 | " " |
| 7 | 007 | " " |
| 8 | 008 | " " |
| 9 | 009 | " " |
| 10 | 010 | " " |
| 11 | 011 | " " |
| 12 | 012 | " " |
| 13 | 013 | " " |
| 14 | 014 | " " |
| 15 | 015 | " " |
| 16 | 016 | " " |
| 17 | 017 | " " |
| 18 | 018 | " " |
| 19 | 019 | BEGIN EREP PASS #14, Tibet, Nepal, Himalaya Range, Matsang R., S-70 |
| 20 | 020 | Tibet, Nepal, Himalaya Mts., Kang-Tisso-Shan, Matsang R., S-70 |
| 21 | 021 | " " Matsang R., Himalays Range, Dhaulagiri Peak, S-65 |
| 22 | 022 | " " Himalaya Range, Annapurna Peak, Matsang R., S-60 |
| 23 | 023 | " " Matsang R., Annapurna Peak, S-50 |
| 24 | 024 | BREAK IN PASS, India, Nepal, Sari Kosi R., Himalaya Range, S-15, C-40 |
| 25 | 025 | Nepal, India, Bangladesh, C-80 |
| 26 | 026 | India, Bangladesh, C-98 |
| 27 | 027 | " " C-100, BREAK IN PASS |
| 28 | 028 | BREAK IN PASS, Burma, Thailand, Tavoy, Bilauk-Taung Range |
| 29 | 029 | Burma, Thailand, Tavoy, Tavoy Point, Bilauk-Taung Range |
| 30 | 030 | " " " Point, Bilauk-Taung Range |
| 31 | 031 | " " Pret Buri, Bight of Bangkok, Bilauk-Taung Range |
| 32 | 032 | " " " Bilauk-Taung Range, Great Tannasirrim R. |
| 33 | 033 | " " Pran Buri, Gulf of Thailand, C-80 |
| 34 | 034 | " " Gulf of Thailand, C-75 |
| 35 | 035 | Gulf of Thailand, C-65 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 36 | SL4-58-036 | Gulf of Thailand, C-55 |
| 37 | 037 | " " " C-35 |
| 38 | 038 | " " " C-30 |
| 39 | 039 | " " " C-35 |
| 40 | 040 | " " " C-40 |
| 41 | 041 | " " " C-45 |
| 42 | 042 | South China Sea C-35 |
| 43 | 043 | " " " C-60 |
| 44 | 044 | " " " C-80 |
| 45 | 045 | " " " C-50 |
| 46 | 046 | " " " C-40 |
| 47 | 047 | " " " C-35 |
| 48 | 048 | " " " C-40 |
| 49 | 049 | " " " C-60 |
| 50 | 050 | " " " C-50 |
| 51 | 051 | " " " C-40 |
| 52 | 052 | Indonesia (Borneo) Pamangkat, Singkawang, Sumbas R., C-40 |
| 53 | 053 | " " " Sumbas R., C-60 |
| 54 | 054 | " " " Singkawang, C-80 |
| 55 | 055 | " " " Pontianak, Kapuas R., C-75 |
| 56 | 056 | " " " Teluk Sukadana, C-70, BREAK IN PASS |
| 57 | 057 | BREAK IN PASS, Indonesia, Madura I., Kangean I., C-40 |
| 58 | 058 | Indonesia, Madura I., Sumenep, Kangean I., C-40 |
| 59 | 059 | " Kangean I., Bali I., C-50 |
| 60 | 060 | " Bali I., Lombok I., C-60 |
| 61 | 061 | " " " " " Sumbawa I., C-70 |
| 62 | 062 | " Lombok I., Sumbawa I., C-50 |
| 63 | 063 | " Sumbawa I., C-20 |
| 64 | 064 | Indian O., C-20 |
| 65 | 065 | " " C-25 |
| 66 | 066 | " " C-60, END EREP PASS #14 |
| 67 | 067 | BEGIN EREP PASS #15, S. China Sea., C-80 |
| 68 | 068 | Malaysia, Brit I., C-80 |
| 69 | 069 | " " " Batang Rajang R., C-80 |
| 70 | 070 | " Indonesia (Borneo), Batang Rajang R., C-70 |
| 71 | 071 | " " " Sungai Kapuas R., C-70 |
| 72 | 072 | " " " C-90 BREAK IN PASS |
| 73 | 073 | BREAK IN PASS, Java Sea, C-70 |
| 74 | 074 | Java Sea, C-70 |
| 75 | 075 | " " C-65 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 76 | SL4-58-076 | Java Sea, C-40 |
| 77 | 077 | " " " |
| 78 | 078 | " " C-70 |
| 79 | 079 | " " C-60 |
| 80 | 080 | " " C-30 |
| 81 | 081 | " " C-20 |
| 82 | 082 | " " C-25, BREAK IN PASS |
| 83 | 083 | BREAK IN PASS, Pelau Sabalana, Pelau Longjoitang, C-35 |
| 84 | 084 | Pelau Sabalana, C-20 |
| 85 | 085 | Indonesia, Flores I., C-20 |
| 86 | 086 | " " " " |
| 87 | 087 | " Sawu I., C-30 |
| 88 | 088 | " Roti I., C-30 |
| 89 | 089 | Ashmore I., Cartier I., Hibernia Reef, C-20, BREAK IN PASS |
| 90 | 090 | BREAK IN PASS, Australia (N. Terr.), Chilla Well, C-30 |
| 91 | 091 | Australia, (N. Terr.), Stuart Bluff Range, Chilla Well, C-20 |
| 92 | 092 | " " " " " " Mt. Wedge, C-20 |
| 93 | 093 | " " " " " " " " C-15 |
| 94 | 094 | " " " " MacDonnell Ranges, Alice Springs, C-30 |
| 95 | 095 | " " " " " " " " " |
| 96 | 096 | " " " " " " " " " |
| 97 | 097 | " " " " " " " " END EREP PASS #15 |
| 98 | 098 | Horizon view, overexposed |
| 99 | 099 | " " " " |
| 100 | 100 | " " " " |
| 101 | 101 | " " " " |
| 102 | 102 | " " " " |
| 103 | 103 | BEGIN EREP PASS #18, Pacific O. off Chile, C-65 |
| 104 | 104 | Chile, Golfo De Penes, C-80 |
| 105 | 105 | " Andes, C-90 |
| 106 | 106 | " Lago Buenos Aires, Andes, C-85 |
| 107 | 107 | " Argentina, Lago Buenos Aires, C-80 |
| 108 | 108 | " " " " " Andes, C-50 |
| 109 | 109 | Argentina, Chile, Lago Buenos Aires, Rio Nayo, C-25 |
| 110 | 110 | " Rio Senguerr, Rio Mayo, Perito Moreno, C-15 |
| 111 | 111 | " Lago Colhue Huapi, Lago Musters, Rio Senguerr |
| 112 | 112 | " " " " " Rio Chico |
| 113 | 113 | " " " " " Rio Chico |
| 114 | 114 | " Pampa De Salamanca, Gran Laguna Salada |
| 115 | 115 | " Bahia Camerones, Rio Chubut, Gran Laguna Salada |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | |
|-----------|------------|---|--|--|-------|--|
| 116 | SL4-58-116 | Argentina, Rio Chubut, Rio Chico, Cabo Raso | | | | |
| 117 | 117 | " Rawson, Rio Chubut, Trelew, C-10 | | | | |
| 118 | 118 | " Punta Ninfas, Golfo Nuevo, Rawson, C-10 | | | | |
| 119 | 119 | " Golfo Nuevo, Punta Ninfas, Pen. De Valdez | | | | |
| 120 | 120 | " Pen. De Valdez | | | | |
| 121 | 121 | Atlantic O. East of Argentina | | | | |
| 122 | 122 | " " " " | | | | |
| 123 | 123 | " " " " | | | C-20 | |
| 124 | 124 | " " " " | | | C-35 | |
| 125 | 125 | " " " " | | | C-60 | |
| 126 | 126 | " " " " | | | C-80 | |
| 127 | 127 | " " " " | | | C-90 | |
| 128 | 128 | " " " " | | | C-95 | |
| 129 | 129 | " " " " | | | C-98 | |
| 130 | 130 | " " " " | | | C-100 | |
| 131 | 131 | " " " " | | | " | |
| 132 | 132 | " " " " | | | C-90 | |
| 133 | 133 | " " " " | | | C-80 | |
| 134 | 134 | " " " " | | | C-60 | |
| 135 | 135 | " " " " | | | C-30 | |
| 136 | 136 | " " " " | | | C-20 | |
| 137 | 137 | " " " " | | | " | |
| 138 | 138 | " " " " | | | " | |
| 139 | 139 | " " " " | | | C-10 | |
| 140 | 140 | " " " " | | | " | |
| 141 | 141 | " " " " Uruguay | | | " | |
| 142 | 142 | " " " " | | | " | |
| 143 | 143 | " " " " | | | C-15 | |
| 144 | 144 | " " " " | | | " | |
| 145 | 145 | " " " " Brazil | | | " | |
| 146 | 146 | " " " " | | | C-15 | |
| 147 | 147 | " " " " | | | " | |
| 148 | 148 | " " " " | | | " | |
| 149 | 149 | " " " " | | | C-20 | |
| 150 | 150 | " " " " | | | " | |
| 151 | 151 | " " " " | | | C-15 | |
| 152 | 152 | " " " " | | | C-10 | |
| 153 | 153 | " " " " | | | " | |
| 154 | 154 | " " " " | | | " | |
| 155 | 155 | " " " " | | | C-15 | |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | |
|-----------|------------|-------------------------------------|------|--|--|--|
| 156 | SL4-58-156 | Atlantic O. East of Brazil, | C-18 | | | |
| 157 | 157 | " " " " " | C-20 | | | |
| 158 | 158 | " " " " " | " | | | |
| 159 | 159 | " " " " " | C-30 | | | |
| 160 | 160 | " " " " " | C-35 | | | |
| 161 | 161 | " " " " " | C-40 | | | |
| 162 | 162 | " " " " " | C-35 | | | |
| 163 | 163 | " " " " " | C-25 | | | |
| 164 | 164 | " " " " " | " | | | |
| 165 | 165 | " " " " " | C-30 | | | |
| 166 | 166 | " " " " " | C-35 | | | |
| 167 | 167 | " " " " " | " | | | |
| 168 | 168 | " " " " " | C-40 | | | |
| 169 | 169 | " " " " " | " | | | |
| 170 | 170 | " " " " " | C-50 | | | |
| 171 | 171 | " " " " " | C-90 | | | |
| 172 | 172 | " " " " " | C-95 | | | |
| 173 | 173 | " " " " " | C-98 | | | |
| 174 | 174 | " " " " " | " | | | |
| 175 | 175 | " " " " " | C-90 | | | |
| 176 | 176 | " " " " " | C-70 | | | |
| 177 | 177 | " " " " " | C-50 | | | |
| 178 | 178 | " " " " " | C-30 | | | |
| 179 | 179 | " " " " " | C-20 | | | |
| 180 | 180 | " " " " " | " | | | |
| 181 | 181 | " " " " " | C-15 | | | |
| 182 | 182 | " " " " " | " | | | |
| 183 | 183 | " " " " " | C-10 | | | |
| 184 | 184 | " " " " " | " | | | |
| 185 | 185 | " " " " " | " | | | |
| 186 | 186 | " " " " " | " | | | |
| 187 | 187 | " " " " " | C-12 | | | |
| 188 | 188 | " " " " " | " | | | |
| 189 | 189 | " " " " " | " | | | |
| 190 | 190 | " " " " " | " | | | |
| 191 | 191 | " " " " " | " | | | |
| 192 | 192 | " " " " " | " | | | |
| 193 | 193 | " " " " " | " | | | |
| 194 | 194 | " " " " " | " | | | |
| 195 | 195 | " " " " " | C-10 | | | |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 196 | SL4-58-196 | Atlantic O. East of Brazil, C-10 |
| 197 | 197 | " " " " " C-15 |
| 198 | 198 | " " " " " C-18 |
| 199 | 199 | " " " " " " |
| 200 | 200 | " " " " " C-15 |
| 201 | 201 | " " " " " " |
| 202 | 202 | " " " " " C-12 |
| 203 | 203 | " " " " " C-10 |
| 204 | 204 | " " " " " " |
| 205 | 205 | " " " " " " |
| 206 | 206 | " " " " " " |
| 207 | 207 | " " " " " " |
| 208 | 208 | " " " " " C-10 |
| 209 | 209 | " " " " " C-11 |
| 210 | 210 | " " " " " C-12 |
| 211 | 211 | " " Equatorial Zone, C-18 |
| 212 | 212 | " " " " " C-20 |
| 213 | 213 | " " " " " " |
| 214 | 214 | " " " " " " |
| 215 | 215 | " " " " " " |
| 216 | 216 | " " " " " C-15 |
| 217 | 217 | " " " " " " |
| 218 | 218 | " " " " " C-30 |
| 219 | 219 | " " " " " C-35 |
| 220 | 220 | " " " " " C-30 |
| 221 | 221 | " " " " " C-20 |
| 222 | 222 | " " S. of Liberia C-12 |
| 223 | 223 | " " " " " C-15 |
| 224 | 224 | " " " " " " |
| 225 | 225 | " " " " " " |
| 226 | 226 | " " " " " C-10 |
| 227 | 227 | " " " " " " |
| 228 | 228 | " " " " " C-15 |
| 229 | 229 | Liberia, Sierra Leona, Lake Pisa, Moa R., C-20 |
| 230 | 230 | " " " " Monrovia, Moa R., C-30 |
| 231 | 231 | " " " " Lake Pisa, Bo, C-40 |
| 232 | 232 | " " " " Guinea, Moa R., C-30, BREAK IN PASS |
| 233 | 233 | BREAK IN PASS, Mali, Niger R., Bani R., Baoule R., Bagoe R. |
| 234 | 234 | Mali, Bani R., Niger R., Segou |
| 235 | 235 | " Niger R., Bani R., Segou, San |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 236 | SL4-58-236 | Mali, Niger R., Bani R., San |
| 237 | 237 | " " " " " " |
| 238 | 238 | " Lake Debo, Niger R., Mopti |
| 239 | 239 | " " " " " " |
| 240 | 240 | " Lac Fagubine, Niger R., Lac Debo |
| 241 | 241 | " " " " " Goondam |
| 242 | 242 | " Niger R., Tombouctou, Lac Fagubine |
| 243 | 243 | " Tombouctou, Niger R. |
| 244 | 244 | " Niger R., Kel Antes |
| 245 | 245 | " Kel Antes, Kred D' Anech Chag |
| 246 | 246 | " Kred D'Anechchag, Kel Antas |
| 247 | 247 | " " " " " " |
| 248 | 248 | " Terroch Escarpment, Adrar Des Iforas |
| 249 | 249 | " " " " " " |
| 250 | 250 | " Algeria, Adrar Des Iforas Oued Tageraour |
| 251 | 251 | Algeria, Mali, Tanezrouft-N-Ahnet |
| 252 | 252 | " Tanezrouft-N-Ahnet |
| 253 | 253 | " " " BREAK IN PASS |
| 254 | 254 | BREAK IN PASS, Algeria, Irrarene Dunes, Hamada De Tinghert |
| 255 | 255 | BREAK IN PASS, Algeria, Grand Erg Oriental, Hamada De Tinghert |
| 256 | 256 | Libya, Tunisia, Algeria, Hamada El Hamra, Grand Erg Oriental |
| 257 | 257 | " " " Grand Erg Oriental, Ramlat Abiad |
| 258 | 258 | " " " El Hareba, Ramzat Abiad |
| 259 | 259 | " " " Gefra, El Hareba, Nefusa Mts. |
| 260 | 260 | " " " " " " " |
| 261 | 261 | " " " " Nefusa Mts. |
| 262 | 262 | " Tripoli, Gefra, Azizia, Nefusa Mts., END EREP PASS #18 |
| 263 | 263 | BEGIN EREP PASS #19, Central African Republic, Sudan, Bahr El Arab |
| 264 | 264 | Central African Republic, Sudan, Bahr El Arab |
| 265 | 265 | Sudan, Bahr El Arab |
| 266 | 266 | " " " " Wadi Ibrah |
| 267 | 267 | " " " " " " |
| 268 | 268 | " Wadi Al Khadari, Bahr El Arab |
| 269 | 269 | " Ad Duayn |
| 270 | 270 | " " " " " " |
| 271 | 271 | " Ogr |
| 272 | 272 | " " " " " " |
| 273 | 273 | " Wad Bandah |
| 274 | 274 | " " " " BREAK IN PASS |
| 275 | 275 | BREAK IN PASS, Iran, Iraq, Tigris R., Al Kut |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 276 | SL4-58-276 | Iraq, Iran, Tigris R., Zagros Mts., Karkheh R., S-10 |
| 277 | 277 | Iran, Zagros Mts., Khorramabad, Karkheh R., S-20 |
| 278 | 278 | " " " " S-50 |
| 279 | 279 | " " " Kermanshan, S-90 |
| 280 | 280 | " Hamada, S-100 |
| 281 | 281 | " Takestan, Seveh, Nowbaran, S-90 |
| 282 | 282 | " Kazvin, Seveh, Takestan, S-80 |
| 283 | 283 | " Tehran, Elbruz Mts., Kazvin, S-70, C-10 |
| 284 | 284 | " " " S-60, C-20 |
| 285 | 285 | " Caspian Sea, Elbruz Mts., S-30, C-60 |
| 286 | 286 | " " " " S-15, C-80 |
| 287 | 287 | " USSR (Turkmen), Caspian Sea, C-75 |
| 288 | 288 | " " " Peski Saynaksak, C-60 |
| 289 | 289 | USSR (Turkmen), Caspian Sea, Peski Saynaksak, Kum Dag, C-50 |
| 290 | 290 | " " " Kum Dag, C-70 |
| 291 | 291 | " " Kum Dag, Kopet Mts., C-80 |
| 292 | 292 | " " Kopet Mts., C-95 |
| 293 | 293 | " " Kara Kum Desert, C-95 |
| 294 | 294 | " " " C-90, END EREP PASS #19 |
| 295 | 295 | BEGIN EREP PASS #20, Mexico (Colima-Jalisco), Manzanillo |
| 296 | 296 | Mexico (Colima-Jalisco), Manzanillo, Autlan |
| 297 | 297 | " " Lago Chapala, Cocula, Ameca |
| 298 | 298 | " " Guadalajara, Ameca, Lago Chapala |
| 299 | 299 | " Jalisco) Guadalajara, Lago Chapala, Amatitan, Tequila |
| 300 | 300 | " " Zacatecas, Aguacalientes) Aguacalientes, Juchipila |
| 301 | 301 | " " " " " Zacatecas |
| 302 | 302 | " (Aguacalientes, Zachtecas, Jalisco, San Luis Potosi) BREAK IN PASS |
| 303 | 303 | BREAK IN PASS, Tenn., C-100 |
| 304 | 304 | Tenn., Ky., C-100 |
| 305 | 305 | " " " |
| 306 | 306 | Ky., C-100 |
| 307 | 307 | " " |
| 308 | 308 | Ky., W. Va., Ohio, C-100 |
| 309 | 309 | " " " " |
| 310 | 310 | W. Va., Ohio, C-100 |
| 311 | 311 | " " " " |
| 312 | 312 | " " " Ohio R., C-90 |
| 313 | 313 | " " " Pa., Pittsburgh, Ohio R., C-80 |
| 314 | 314 | " " " " " " |
| 315 | 315 | Pa., Allegheny R., Allegheny Mts., C-40, S-80 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 316 | SL4-58-316 | Pa., Allegheny Mts., Susquehanna R., Williamsport, C-10, S-100 |
| 317 | 317 | Pa., N.Y., Allegheny Mts., Susquehanna R., Sunbury, C-10, S-100 |
| 318 | 318 | " " " Binghamton, Scranton, Wilkes-Barre, C-15, S-100 |
| 319 | 319 | " " " Scranton, Wilkes-Barre, Binghamton, Delaware R., C-30, S-100 |
| 320 | 320 | " " " Utica, Hudson R., Catskill Mts., Mohawk R., END EREP PASS #20 |
| 321 | 321 | BEGIN EREP PASS #21, Pacific O. off Mexico, C-40 |
| 322 | 322 | Pacific O. off Mexico, C-50 |
| 323 | 323 | " " " " C-65 |
| 324 | 324 | " " " " C-40 |
| 325 | 325 | " " " " C-20 |
| 326 | 326 | " " " " C-10 |
| 327 | 327 | " " " " |
| 328 | 328 | " " " " |
| 329 | 329 | " " " " |
| 330 | 330 | " " " " |
| 331 | 331 | " " " " |
| 332 | 332 | " " " " |
| 333 | 333 | Mexico (Oaxaca-Guerrero), Bahia Dulce, Omotepec |
| 334 | 334 | " " " " Rio Verde, C-10 |
| 335 | 335 | " " " " Rio Verde, Cerro Yucuyacuy, C-10 |
| 336 | 336 | " " Oaxaca) Rio Santo Domingo, C-10 |
| 337 | 337 | " " Vera Cruz, Oaxaca) Miguel Aleman Res, Tierra Blanca |
| 338 | 338 | " " " " Miguel Aleman Res, Cordoba, Orizaba, C-10 |
| 339 | 339 | " (Vera Cruz) Vera Cruz, Cordoba, Tierra Blanca, Alvarado, C-20 |
| 340 | 340 | " " " " Alvarado, Rio San Juan, C-35 |
| 341 | 341 | Gulf of Mexico, C-60 |
| 342 | 342 | " " " C-40 |
| 343 | 343 | " " " C-35 |
| 344 | 344 | " " " " |
| 345 | 345 | " " " C-30 |
| 346 | 346 | " " " " |
| 347 | 347 | " " " C-25 |
| 348 | 348 | " " " " |
| 349 | 349 | " " " C-40 |
| 350 | 350 | " " " C-50 |
| 351 | 351 | " " " " |
| 352 | 352 | " " " C-60 |
| 353 | 353 | Fla., Cape San Blas, St. George I., C-80 |
| 354 | 354 | " Ga., Carabelle, C-85 |
| 355 | 355 | " " C-90 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|-------------------------------------|
| 356 | SL4-58-356 | Fla., Ga., C-90 |
| 357 | 357 | Ga., C-90 |
| 358 | 358 | " C-88 |
| 359 | 359 | " C-98 |
| 360 | 360 | " S. C., C-100 |
| 361 | 361 | " " " " |
| 362 | 362 | S. C., C-100 |
| 363 | 363 | " " " |
| 364 | 364 | " " " |
| 365 | 365 | " " N. C., C-100 |
| 366 | 366 | " " " " " |
| 367 | 367 | N. C., C-100 |
| 368 | 368 | " " " |
| 369 | 369 | " " " |
| 370 | 370 | " " Va., C-90 |
| 371 | 371 | " " " C-80 |
| 372 | 372 | Atlantic O. off Va., C-90 |
| 373 | 373 | " " " " C-95 |
| 374 | 374 | " " " " C-90 |
| 375 | 375 | " " " " C-85 |
| 376 | 376 | " " " Mid-Atlantic States, C-80 |
| 377 | 377 | " " " " " |
| 378 | 378 | " " " " " |
| 379 | 379 | " " " " C-90 |
| 380 | 380 | " " " " " |
| 381 | 381 | " " " " " |
| 382 | 382 | " " " New England C-90 |
| 383 | 383 | " " " " C-85 |
| 384 | 384 | " " " " C-90 |
| 385 | 385 | " " " " " |
| 386 | 386 | " " " " C-95 |
| 387 | 387 | " " " " " |
| 388 | 388 | " " " Nova Scotia, C-95 |
| 389 | 389 | " " " " C-100, END EREP PASS #21 |
| 390 | 390 | Lunar Calibration |
| 391 | 391 | " " |
| 392 | 392 | " " |
| 393 | 393 | " " |
| 394 | 394 | " " |
| 395 | 395 | " " |

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT DESCRIPTION, LOCATION, ETC.</u> |
|----------------------|---------------------|--|
| 396 | SL4-58-396 | Lunar Calibration |
| 397 | 397 | " " |
| 398 | 398 | " " |
| 399 | 399 | " " |
| 400 | 400 | " " |
| 401 | 401 | " " |
| 402 | 402 | " " |
| 403 | 403 | " " |
| 404 | 404 | " " |
| 405 | 405 | " " |
| 406 | 406 | " " |
| 407 | 407 | " " |

END OF ROLL - ALL SIX CHANNELS

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. 64 CAMERA Itek 6-lens Multispectral LENS 150-mm FILM TYPE SO-356

DESCRIPTION Ektachrome High Definition Aerial WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 1 | SL4-64-001 | Oblique, overexposed, clouds, water |
| 2 | 002 | BEGIN EREP PASS #22, Pacific O. South of Mexico, C-12 |
| 3 | 003 | Pacific O. South of Tehuantepec Mexico, C-10 |
| 4 | 004 | " " " " " " C-11 |
| 5 | 005 | " " " " " " C-10 |
| 6 | 006 | " " " " " " " |
| 7 | 007 | " " " " " " " |
| 8 | 008 | " " " " " " " |
| 9 | 009 | " " " " " " C-15 |
| 10 | 010 | " " " " " " C-20 |
| 11 | 011 | " " " " " " C-30 |
| 12 | 012 | " " " " " " " |
| 13 | 013 | " " " " " " C-10 |
| 14 | 014 | " " " " " " " |
| 15 | 015 | " " " " " " C-12 |
| 16 | 016 | Mexico (Oaxaca-Chiapas), Mar Muerto, Tonalá, C-15 |
| 17 | 017 | " " " " " " Laguna De La Joya, C-25 |
| 18 | 018 | " " " " " " Tuxla Gutierrez, Cintalpa, C-45 |
| 19 | 019 | " (Chiapas), Tuxla Gutierrez, Chiapa De Corzo, C-50 |
| 20 | 020 | " " " " " " Río Tacotalpa, San Cristobal De Las Casas, C-60 |
| 21 | 021 | " " " " " " Tabasco, Río San Antonio, Palenque, C-50 |
| 22 | 022 | " (Tabasco-Campeche), Bahía Terminos, Ciudad Del Carman, C-55 |
| 23 | 023 | " (Campeche), Bahía Terminos, Ciudad Del Carman, BREAK IN PASS, C-45 |
| 24 | 024 | BREAK IN PASS, Gulf of Mexico, C-35 |
| 25 | 025 | Gulf of Mexico, C-35 |
| 26 | 026 | Fla., Tampa, St. Petersburg, Sarasota, Clearwater, C-35 |
| 27 | 027 | " Orlando, Disneyworld, Lakeland, Titusville, KSC, C-30 |
| 28 | 028 | " Palatka, St. Johns R., Daytona Beach, KSC, C-15 |
| 29 | 029 | Atlantic O. East of Fla., C-10 |
| 30 | 030 | " " " " " " C-30 |
| 31 | 031 | " " " " " " " |
| 32 | 032 | " " " " " " " |
| 33 | 033 | " " " " " " Ga., C-50 |
| 34 | 034 | " " " " " " C-60 |
| 35 | 035 | " " " " " " C-80 |

NOTE:

| Roll | Ends at Frame |
|------|---------------|
| 63 | 399 |
| 66 | 403 |
| 65 | 433 |
| (64) | 453 |
| 62 | 457 |
| 61 | 463 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 36 | SL4-64-036 | Atlantic O. East of the Carolinas, C-95 |
| 37 | 037 | " " " " " " C-100 |
| 38 | 038 | " " " " " " " |
| 39 | 039 | " " " " " " " |
| 40 | 040 | " " " " " " C-98 |
| 41 | 041 | " " " " " " " |
| 42 | 042 | " " " " " Virginia, C-95 |
| 43 | 043 | " " " " " " |
| 44 | 044 | " " " " " New Jersey, C-98 |
| 45 | 045 | " " " " " " |
| 46 | 046 | " " " " " New England C-90 |
| 47 | 047 | " " " " " " |
| 48 | 048 | " " " " " C-97 |
| 49 | 049 | " " " " " C-96 |
| 50 | 050 | " " " " " C-91 |
| 51 | 051 | " " " " " Nova Scotia C-90 |
| 52 | 052 | " " " " " C-80 |
| 53 | 053 | " " " " " C-70 |
| 54 | 054 | " " " " " C-50 |
| 55 | 055 | " " " " " C-40 END EREP PASS #22 |
| 56 | 056 | BEGIN EREP PASS #23, Pacific O., SW of Central America, C-80 |
| 57 | 057 | Pacific O. SW of Central America, C-70 |
| 58 | 058 | " " " " " " |
| 59 | 059 | " " " " " " |
| 60 | 060 | " " " " " C-80 |
| 61 | 061 | " " " " " C-90 |
| 62 | 062 | " " " " " C-95 |
| 63 | 063 | " " " " " C-90 |
| 64 | 064 | " " " " " " |
| 65 | 065 | " " " " " C-98 |
| 66 | 066 | " " " " " C-100 |
| 67 | 067 | " " " " " C-99 |
| 68 | 068 | " " " " " C-95 |
| 69 | 069 | " " " " " C-50 |
| 70 | 070 | " " " " " C-40 |
| 71 | 071 | " " " " " C-30 |
| 72 | 072 | " " " " " " |
| 73 | 073 | " " " " " C-25 |
| 74 | 074 | " " " " " C-10 |
| 75 | 075 | " " " " " C-20 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 76 | SL4-64-076 | Pacific O. SW of Central America, C-30 |
| 77 | 077 | " " " " " " |
| 78 | 078 | " " " " " " C-25 |
| 79 | 079 | " " " " " " C-20 |
| 80 | 080 | " " " " " " C-10 |
| 81 | 081 | " " " " " " |
| 82 | 082 | " " " " " " |
| 83 | 083 | Guatemala, Nuevo Valencia, Rio Nahualate, overexposed |
| 84 | 084 | " Escuintla, Patulul, San Jose |
| 85 | 085 | " El Salvador, Guatemala City, Volcan Agua, Lago Atitlan |
| 86 | 086 | " " " " " " Volcan Fuego, Jalapa, C-40 |
| 87 | 087 | " " " " " " Honduras, Lago Izabal, Rio Matagua, Copan |
| 88 | 088 | " Honduras, Belize, Lago Izabal, Puerto Barrios, C-50 |
| 89 | 089 | " Belize, Lago Izabal, Puerto Barrios, Rio Matagua, C-60 |
| 90 | 090 | " " Stann Creek, Monkey R., Cabo Tres Puntas, C-60 |
| 91 | 091 | Belize, Belize City, Burnefee Is., North Key, Stann Creek, C-50 |
| 92 | 092 | " Mexico (Quintana Roo), Belize City, Ambergris Key, C-35 |
| 93 | 093 | " " " " " " Turnefee Is., Banco Chinchorro, C-35 |
| 94 | 094 | Mexico (Quintana Roo), Banco Chinchorro, C-30 |
| 95 | 095 | Caribbean Sea, C-30 |
| 96 | 096 | " " C-30, BREAK IN PASS |
| 97 | 097 | BREAK IN PASS, Cuba, La Habana, Guanajay, Gulf of Batabano, C-30 |
| 98 | 098 | Fla., Cuba, Santa Cruz Del Norte, Key West, Marquesas Key, C-30 |
| 99 | 099 | " Key West, Fla. Bay, Fla. Keys, Marquesas Key, C-25 |
| 100 | 100 | " " " " " " Everglades N. P., C-25 |
| 101 | 101 | Fla., Miami, Key Largo, Everglades, Fla. Bay, C-30 |
| 102 | 102 | " Key Largo, Miami, West Palm Beach, Ft. Lauderdale, C-35 |
| 103 | 103 | " Miami, West Palm Beach, Ft. Lauderdale, Boca Raton, C-35 |
| 104 | 104 | Fla., Bahamas, West Palm Beach, Grand Bahama I., C-30 |
| 105 | 105 | Bahamas, Grand Bahama I., Walker Cay, C-30 |
| 106 | 106 | Bahamas, Walker Cay, C-20 |
| 107 | 107 | Atlantic O. East of Fla., C-20 |
| 108 | 108 | " " " " " " C-15 |
| 109 | 109 | " " " " " " " |
| 110 | 110 | " " " " " " C-20 |
| 111 | 111 | " " " " " " C-30 |
| 112 | 112 | " " " " " " C-50 |
| 113 | 113 | " " " " " " C-80 |
| 114 | 114 | " " " " " Ga., C-95 |
| 115 | 115 | " " " " " " C-90 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 116 | SL4-64-116 | Atlantic O. East of Carolinas, C-70 |
| 117 | 117 | " " " " " C-50 |
| 118 | 118 | " " " " " C-40 |
| 119 | 119 | " " " " " " |
| 120 | 120 | " " " " " C-50 |
| 121 | 121 | " " " " " C-60 |
| 122 | 122 | " " " " " Virginia, C-70 |
| 123 | 123 | " " " " " C-85 |
| 124 | 124 | " " " " " Delaware, C-90 |
| 125 | 125 | " " " " " New Jersey " |
| 126 | 126 | " " " " " " C-95 |
| 127 | 127 | " " " " " New England, C-90 |
| 128 | 128 | " " " " " " |
| 129 | 129 | " " " " " C-95 |
| 130 | 130 | " " " " " C-90 |
| 131 | 131 | " " " " " Nova Scotia, C-85 |
| 132 | 132 | " " " " " " C-60 |
| 133 | 133 | " " " " " " C-50 |
| 134 | 134 | " " " " " " C-80 |
| 135 | 135 | " " " " " " C-90, END EREP PASS #23 |
| 136 | 136 | Oblique, overexposed, horizon |
| 137 | 137 | " " " " |
| 138 | 138 | " " " " |
| 139 | 139 | " " " " |
| 140 | 140 | Moon, lunar calibration |
| 141 | 141 | BEGIN EREP PASS #24, Pacific O. off Central America |
| 142 | 142 | Nicaragua, Punta Cosiguina, Corinto, Puerto Samosa |
| 143 | 143 | " Honduras, Gulf of Fonseca, Leon, Lago Managua, El Viejo |
| 144 | 144 | Honduras, Nicaragua, Leon, Choluteca, Lago Managua, Golfo Fonseca, G-25 |
| 145 | 145 | " " Rio Choluteca, Ocotal, Danli, C-50 |
| 146 | 146 | " " Ocotal, Juticalpa, C-75 |
| 147 | 147 | " " Juticalpa, Rio Patuca, San Estaran, C-85 |
| 148 | 148 | " " Rio Coco, Rio Patuca, C-75 |
| 149 | 149 | " " " " Laguna De Caratasca, Punta Patuca, C-70 |
| 150 | 150 | " Laguna De Caratasca, Laguna De Brus, Rio Patuca, C-50 |
| 151 | 151 | " Punta Patuca, Cayos Cajones, C-40 |
| 152 | 152 | Cayos Cajones, C-30, BREAK IN PASS |
| 153 | 153 | BREAK IN PASS, Bahamas, Andros I., Great Bahama Bank, underexposed |
| 154 | 154 | Bahamas, Cat I., Great Exuma I., underexposed, break in pass |
| 155 | 155 | BREAK IN PASS, Atlantic O. North of Bermuda, C-80 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 156 | SL4-64-156 | Atlantic O. North of Bermuda, C-80 |
| 157 | 157 | " " " " " " |
| 158 | 158 | " " " " " " |
| 159 | 159 | " " " " " " C-85 |
| 160 | 160 | " " " " " " |
| 161 | 161 | " " " " " " |
| 162 | 162 | " " East " Canada C-75 |
| 163 | 163 | " " " " " " |
| 164 | 164 | " " " " " " |
| 165 | 165 | " " " " " " |
| 166 | 166 | " " " " " " |
| 167 | 167 | " " " " " " C-80 |
| 168 | 168 | " " " " " " |
| 169 | 169 | " " " " " " C-75 |
| 170 | 170 | " " " " " " |
| 171 | 171 | " " " " " " |
| 172 | 172 | " " " " " " C-80 |
| 173 | 173 | " " " " " " C-90 |
| 174 | 174 | " " " " " " |
| 175 | 175 | " " " " " " |
| 176 | 176 | N. Atlantic O., 50°N, Mid-Ocean, C-85 |
| 177 | 177 | " " " " " " C-80 |
| 178 | 178 | " " " " " " C-75 |
| 179 | 179 | " " " " " " C-90 |
| 180 | 180 | " " " " " " C-98 |
| 181 | 181 | " " " " " " C-100 |
| 182 | 182 | " " " " " " C-85 |
| 183 | 183 | " " " " " " C-70 |
| 184 | 184 | " " " " " " |
| 185 | 185 | " " " " " " |
| 186 | 186 | " " " " " " C-30 |
| 187 | 187 | " " " " " " |
| 188 | 188 | " " " West of France, C-95 |
| 189 | 189 | " " " " " " |
| 190 | 190 | " " " " " " C-90 |
| 191 | 191 | " " " " " " C-80 |
| 192 | 192 | " " " " " " |
| 193 | 193 | " " " " " " END EREP PASS #24 |
| 194 | 194 | BEGIN EREP PASS #25, Indonesia, Sumatra, Kundur, Malacca Straits, C-75 |
| 195 | 195 | Indonesia, Malaysia, Singapore, Singapore Strait, Sumatra, C-50 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 196 | SL4-64-196 | Malaysia, Singapore, Indonesia, Singapore Strait, Kluang, C-30 |
| 197 | 197 | " " Singapore I., Kluang, So. China Sea., C-40 |
| 198 | 198 | " S. China Sea, Sungei, Pahang, C-75 |
| 199 | 199 | S. China Sea, C-95 |
| 200 | 200 | " " " " BREAK IN PASS |
| 201 | 201 | BREAK IN PASS, E. China Sea, C-98 |
| 202 | 202 | E. China Sea, C-98 |
| 203 | 203 | " " " " |
| 204 | 204 | Japan, Kyushu, Osumi-Gunto, C-85 |
| 205 | 205 | " " Kagoshima, C-70 |
| 206 | 206 | " " Kumamoto, Miyazaki, C-30 |
| 207 | 207 | " " Shimabara, C-30 |
| 208 | 208 | " " Hyuga Nada, Mimitsu, C-50 |
| 209 | 209 | " Shikoku, Kyushu, Bungo Suido, Tawatahama, Matsuyama, C-50 |
| 210 | 210 | " " Honshu, Inland Sea, Nihama, Imabari, Fukuyama, C-35 |
| 211 | 211 | " " " Niihama, Matsuyama, Kochi, Inland Sea, C-60 |
| 212 | 212 | " " " Tokushima, Inland Sea, Okayama, C-60 |
| 213 | 213 | " " " Osaka, Kobe, Tokushima, Takasago, C-65 |
| 214 | 214 | " Honshu, Osaka, Kobe, Akishi, Osakawan, Kyoto, C-70, S-10 |
| 215 | 215 | " " Kyoto, Biwa-Ko, C-70, S-30 |
| 216 | 216 | " " Gifu, Kanazawa, C-75, S-60 |
| 217 | 217 | " " Kanazawa, Toyama, Matsumoto, C-70, S-80 |
| 218 | 218 | " " Matsumoto, Toyama, C-65, S-80 |
| 219 | 219 | " " Nagano, Sado I., C-60, S-80 |
| 220 | 220 | " Honshu, Sado I., Niigata, Kamo, C-60, S-90 |
| 221 | 221 | " " " " Fukushima, C-50, S-90 |
| 222 | 222 | " " Sendai, Kikushima, Sakata, C-50, S-70 |
| 223 | 223 | " " Sakata, C-50, S-50 |
| 224 | 224 | " " Morioka, Kamaishi, C-30, S-40 |
| 225 | 225 | " " Morioka, Kamaishi, Miyako, C-15, S-30 |
| 226 | 226 | " " Kamaishi, Miyako, C-40, S-20 |
| 227 | 227 | N. Pacific O., NE of Japan, C-40 |
| 228 | 228 | " " " " " " C-35 |
| 229 | 229 | " " " " " " C-40 |
| 230 | 230 | " " " " " " C-50 |
| 231 | 231 | " " " " " " C-55 |
| 232 | 232 | " " " " " " C-60 |
| 233 | 233 | " " " " " " C-70, END EREP PASS #25 |
| 234 | 234 | BEGIN EREP PASS #26, Pacific O. off Baja Calif., C-50 |
| 235 | 235 | Pacific O. off Baja Calif., C-10 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 236 | SL4-64-236 | Mexico (Baja Calif.), Bahia Concepcion, Boca De La Solidad |
| 237 | 237 | " " " " Isla Carman, Santa Rosalia |
| 238 | 238 | " (Sonora), Guymas, Ciudad Obregon, Estero De Lobos |
| 239 | 239 | " " Novillo Res., Sierra Madre Occidental |
| 240 | 240 | " " Chihuahua, Sierra Madre Occidental, Novello Res. |
| 241 | 241 | " " " " " " Madera |
| 242 | 242 | " " " " " " Nuevas Casas Grandes |
| 243 | 243 | " (Chihuahua), Nuevo Casas Grandes, Aguas Termalas, BREAK IN PASS |
| 244 | 244 | BREAK IN PASS, Quebec, C-100, S-100 |
| 245 | 245 | Quebec, Anticosti I., West Point, C-85, S-100 |
| 246 | 246 | " " " " Jacques Cartier Passage, S-100, C-70 |
| 247 | 247 | " " " Jacques Cartier Passage, C-65, S-100 |
| 248 | 248 | " " " Old Post Point, C-60, S-100 |
| 249 | 249 | " Old Post Point, Gulf of St. Lawrence, C-55, S-100 |
| 250 | 250 | " Wall Bay, Gethsemani, Gulf of St. Lawrence, C-50, S-100 |
| 251 | 251 | " Newfoundland, Gulf of St. Lawrence, Northern Arm Mt., C-30 |
| 252 | 252 | " " " " " Long Range Mts., C-20, S-100 |
| 253 | 253 | Newfoundland, Long Range Mts., White Bay, Cowhead, C-15, S-100 |
| 254 | 254 | " " " " " Notre Dame Bay, C-40, S-100 |
| 255 | 255 | " White Bay, Notre Dame Bay, Cape St. John, C-20, S-100 |
| 256 | 256 | " Notre Dame Bay, Fogo I., C-50, S-100 |
| 257 | 257 | Atlantic O. East of Newfoundland, C-75 |
| 258 | 258 | " " " " " " |
| 259 | 259 | " " " " " " END EREP PASS #26 |
| 260 | 260 | BEGIN EREP PASS #27, Pacific O. off Mexico, C-60 |
| 261 | 261 | Pacific O. off Mexico, C-40 |
| 262 | 262 | " " " " C-25 |
| 263 | 263 | " " " " C-30 |
| 264 | 264 | Mexico (Baja Calif.), Todos Santos, C-60 |
| 265 | 265 | " " " " " C-80 |
| 266 | 266 | Gulf of Calif., C-90 |
| 267 | 267 | Mexico (Sinaloa), Gulf of Calif., C-80 |
| 268 | 268 | " " " " " " |
| 269 | 269 | " " " " " C-75 |
| 270 | 270 | " " Chihuahua, Sierra Madre Occidental, C-50 |
| 271 | 271 | " " " Rio San Miguel, Sierra Madre Occidental |
| 272 | 272 | " " " Sierra Madre Occidental, C-10 |
| 273 | 273 | " (Chihuahua), Laguna De Los Mexicanos, Sta. Rosalia De Cuevas |
| 274 | 274 | " " Chihuahua City, Laguna Delicias, C-40 |
| 275 | 275 | " " Tex., Rio Grande, C-70 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 276 | SL4-64-276 | Tex., Davis Mts., Balmorhea Lake, Alpine, Marfa, C-45 |
| 277 | 277 | " C-95 |
| 278 | 278 | " Big Spring, Lake Thomas, La Mesa, C-35 |
| 279 | 279 | " Abeline, Sweetwater, Snyder, Brazos R., C-15 |
| 280 | 280 | " Okla., Red R., Wichita Falls, Vernon, Seymour |
| 281 | 281 | Okla., Tex., Lawton, Norman, Red R., Canadian R., C-20, S-20 |
| 282 | 282 | " Okla. City, Canadian R., Stillwater, C-20, S-40 |
| 283 | 283 | " Kan., Tulsa, Arkansas R., Bartlesville, Lake of Cherokees, C-20 |
| 284 | 284 | " Mo., Lake of Cherokees, Joplin, C-30, S-60 |
| 285 | 285 | " " " Joplin, Neosho R., Table Rock Res., C-40, S-60 |
| 286 | 286 | Mo., Springfield, Table Rock Res., Pomme De Terre Res., C-40, S-80 |
| 287 | 287 | " Lake of the Ozarks, Osage R., Gasconade R., C-40, S-100 |
| 288 | 288 | " " " " " " Missouri R., C-20, S-100 |
| 289 | 289 | " Missouri R., Osage R., Lake of the Ozarks, C-15, S-100 |
| 290 | 290 | Ill., Mo., Mississippi R., Illinois R., Missouri R., Merramec R., S-100 |
| 291 | 291 | " " St. Louis, Mississippi R., Missouri R., Illinois R., S-100 |
| 292 | 292 | " " " " " " Illinois R., Springfield, S-100 |
| 293 | 293 | " Springfield, Decatur, Illinois R., S-100 |
| 294 | 294 | " Peoria, Decatur, Champaign, Bloomington, S-100 |
| 295 | 295 | " Ind., Wabash R., Illinois R., Kankakee, Bloomington, S-100 |
| 296 | 296 | " " Lake Michigan, Gary, Chicago, Lafayette, S-100 |
| 297 | 297 | Ind., Ill., Mich., Chicago, Gary, South Bend, Lake Michigan, S-100, C-10 |
| 298 | 298 | " Mich., South Bend, Michigan City, Kalamazoo, Lake Michigan, S-100 |
| 299 | 299 | " Ohio, South Bend, Kalamazoo, Battle Creek, S-100, C-30 |
| 300 | 300 | Mich., Lansing, Jackson, Battle Creek, Saginaw, S-100, C-35 |
| 301 | 301 | " Ontario, Detroit, Flint, Pontiac, St. Clair R., S-100, C-30 |
| 302 | 302 | " " Lake Huron, St. Clair R., Detroit, S-100, C-30 |
| 303 | 303 | " " " " " " Sarnia, S-100, C-30 |
| 304 | 304 | " " " " Sarnia, Goderich, S-100, C-45 |
| 305 | 305 | Ontario, Lake Huron, Georgian Bay, S-100, C-60 |
| 306 | 306 | " Georgian Bay, Lake Ontario, Toronto, S-100, C-45 |
| 307 | 307 | " " Toronto, Lake Simcoe, Oshawa, S-100, C-20 |
| 308 | 308 | " Lake Simcoe, Peterborough, S-100 |
| 309 | 309 | " Quebec, Calabogie, Baptiste Lake, S-100 |
| 310 | 310 | " " Renfrew, Ottawa R., S-100 |
| 311 | 311 | " " Ottawa, Hull, Ottawa R., S-100 |
| 312 | 312 | " " " " " " S-15 |
| 313 | 313 | " " Ottawa R., Montreal, S-100, C-20 |
| 314 | 314 | " " St. Lawrence R., Montreal, S-100, C-25 |
| 315 | 315 | Quebec, Montreal, Trois Rivières, St. Lawrence R., S-100, C-30 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 316 | SL4-64-316 | Quebec, St. Lawrence R., Trois Rivieres, Shawinigan, S-100, C-20 |
| 317 | 317 | Me., Quebec, Quebec City, St. Lawrence R., Ile D'Orleans, S-100, C-20 |
| 318 | 318 | " " " " " " " " " " |
| 319 | 319 | " " New Brunswick, St. Lawrence R., S-100, C-50 |
| 320 | 320 | " " " " " " " " " " |
| 321 | 321 | " " " " " " " " Gaspe, S-100, C-50 |
| 322 | 322 | Quebec, New Brunswick, Chaleur Bay, S-100, C-60 |
| 323 | 323 | " " " " " " " " C-50 |
| 324 | 324 | " " " " " " Gaspe, S-100, C-40 |
| 325 | 325 | " " " " " " " " C-60 |
| 326 | 326 | " Gaspe, Gulf of St. Lawrence, Anticosti I., S-100, C-80 |
| 327 | 327 | " " " " " " " " C-60 |
| 328 | 328 | " " " " " " " " C-40 |
| 329 | 329 | " Anticosti I., Gulf of St. Lawrence, S-100, C-35 |
| 330 | 330 | Gulf of St. Lawrence, ice flows, C-40 |
| 331 | 331 | Newfoundland, Gulf of St. Lawrence, Lewis Hills, S-100, C-60 |
| 332 | 332 | " " " " " " Corner Brook, S-100, C-60 |
| 333 | 333 | " Long Range Mts., Clover I., Grand Lake, S-100, C-70 |
| 334 | 334 | " White Bay, Notre Dame Bay, Cape St. John, S-100, C-60 |
| 335 | 335 | " Fogo I., Deadman's Bay, Bay of Exploits, S-100, C-60 |
| 336 | 336 | Atlantic O. East of Newfoundland, C-80 |
| 337 | 337 | " " " " " " C-90 |
| 338 | 338 | " " " " " " " |
| 339 | 339 | " " " " " " " |
| 340 | 340 | " " " " " " " |
| 341 | 341 | " " " " " " " |
| 342 | 342 | " " " " " " C-85 |
| 343 | 343 | " " " " " " C-80 |
| 344 | 344 | " " " " " " C-75 |
| 345 | 345 | " " " " " " C-70 |
| 346 | 346 | " " " " " " C-65 |
| 347 | 347 | " " " " " " C-60 |
| 348 | 348 | " " " " " " C-55 |
| 349 | 349 | " " " " " " C-50 |
| 350 | 350 | " " " " " " " |
| 351 | 351 | " " " " " " " |
| 352 | 352 | " " " " " " " |
| 353 | 353 | " " " " " " " |
| 354 | 354 | " " " " " " END EREP PASS #27 |
| 355 | 355 | BEGIN EREP PASS #35, Wash., Lake Chelan, Columbia R., C-90, S-100 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 356 | SL4-64-356 | Wash., Columbia R., Grand Coulee, C-85, S-100 |
| 357 | 357 | Wash., Ore., Ida., Snake R., C-80, S-100 |
| 358 | 358 | Mont., Ida., Bitterroot Mts., Lochsa R., C-60, S-100 |
| 359 | 359 | Ida., Mont., " " Salmon River Mts., C-60, S-90 |
| 360 | 360 | Mont., Ida., " " Salmon, Dillon, C-30, S-70 |
| 361 | 361 | Wyo., Mont., Ida., Yellowstone Lake, Grand Teton Mts., Snake R., S-100 |
| 362 | 362 | " " " Yellowstone N. P., Grand Teton N. P. Snake R., S-100 |
| 363 | 363 | " Ida., Yellowstone Lake, Absaroka, Grand Teton, Wind River Mts. |
| 364 | 364 | " Wind River Mts., Wind R., Wind River Basin, S-100, C-30 |
| 365 | 365 | " Owl Creek Mts., Wind River Mts., Wind River Canyon, S-95, C-60 |
| 366 | 366 | " Wind R., Boysen R., Big Horn R., C-80, S-100 |
| 367 | 367 | " C-100 |
| 368 | 368 | " " |
| 369 | 369 | " Colo., C-100 |
| 370 | 370 | " Neb., Colo., C-100 |
| 371 | 371 | Colo., Neb., Wyo., C-100 |
| 372 | 372 | " " C-100 |
| 373 | 373 | Kan., Neb., Colo., C-100 |
| 374 | 374 | " " " " |
| 375 | 375 | " " C-100 |
| 376 | 376 | " C-100 |
| 377 | 377 | " C-96 |
| 378 | 378 | " C-95 |
| 379 | 379 | " C-90 |
| 380 | 380 | " C-95 |
| 381 | 381 | Okla., Kan., S. Haven, C-90 |
| 382 | 382 | " " Arkansas R., Ponca City, C-75 |
| 383 | 383 | " " " " " Keystone Res., C-60 |
| 384 | 384 | " Ark., Arkansas R., Tulsa, Lake of Cherokees, C-50 |
| 385 | 385 | Ark., Arkansas R., Dardanelle Res., Ouichita Mts., C-35 |
| 386 | 386 | " Little Rock, Arkansas R., Hct Springs, Ouichita Mts. |
| 387 | 387 | " Miss., Pine Bluff, Greenville, Mississippi R., Arkansas R. |
| 388 | 388 | " " Mississippi R., Vicksburg, Greenville, Greenwood |
| 389 | 389 | Miss., Jackson, Ross Barnett Res., Pearl R. |
| 390 | 390 | Ala., Miss., Hattiesburg, Laurel, Leaf R. |
| 391 | 391 | " " Mobile, Hattiesburg, Tombigbee R. |
| 392 | 392 | Fla., Ala., Miss., Mobile Bay, Biloxi, Pascagoula, Dauphin I. |
| 393 | 393 | " " " " " Pensacola, Pascagoula |
| 394 | 394 | " Pensacola, Ft. Walton Beach, Gulf of Mexico |
| 395 | 395 | " Ft. Walton Beach, Gulf of Mexico |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 396 | SL4-64-396 | Gulf of Mexico |
| 397 | 397 | " " " C-15 |
| 398 | 398 | " " " C-20 |
| 399 | 399 | " " " END ROLL 63 |
| 400 | 400 | " " " C-20 |
| 401 | 401 | " " " C-15 |
| 402 | 402 | " " " " |
| 403 | 403 | " " " Fla., Cape Romano, C-15, END ROLL 66 |
| 404 | 404 | Fla., Cape Romano, Fla. Bay, Marquesas Key |
| 405 | 405 | " Fla. Keys, Key West, Fla. Bay, Fla. Strait, C-15 |
| 406 | 406 | " Cuba, Fla. Strait, Bahia De Santa Clara, Fla. Keys, C-15 |
| 407 | 407 | BREAK IN PASS, Jamaica, Port Antonio, Formin Gas Bank, C-15 |
| 408 | 408 | BREAK IN PASS, Caribbean Sea, C-25 |
| 409 | 409 | BREAK IN PASS, Caribbean Sea, C-50 |
| 410 | 410 | Colombia, Pen. De Guarjira, C-50 |
| 411 | 411 | " " " " " |
| 412 | 412 | Venezuela, Colombia, Pen. De Guajira, Pen. De Paraguaria, C-40 |
| 413 | 413 | " Aruba, Pen. De Paraguaria, Gulf of Venezuela, C-35 |
| 414 | 414 | " Pen. De Paraguaria, Coro, Golfete De Coro, C-35 |
| 415 | 415 | " Golfete De Coro, Coro, Churuguara, C-30 |
| 416 | 416 | " Barquisimeto, Rio Yaracuy, C-25 |
| 417 | 417 | " " San Carlos, Tinaco, C-25 |
| 418 | 418 | " Valencia, Rio Portuguesa, Tinaquillo, C-35 |
| 419 | 419 | " Calabozo, Embalse De Guarico, C-20 |
| 420 | 420 | " Embalse De Guarico, Rio Ruende, C-20 |
| 421 | 421 | " " " Inglaterra, Rio Ruende, C-18 |
| 422 | 422 | " Rio Orinoco, Rio Ruende, Caicara, C-15 |
| 423 | 423 | " " Serrania De Parguaza, Rio Ruende, C-20 |
| 424 | 424 | " Serrania Guayapu, C-30 |
| 425 | 425 | " " Rio Cochivero, C-35 |
| 426 | 426 | " Rio Ventuari, Sierra Maigualide, C-40 |
| 427 | 427 | " " " C-45 |
| 428 | 428 | " Rio Caura, Rio Ventuari, C-50 |
| 429 | 429 | " Brazil, Serra Parima, C-50 |
| 430 | 430 | " " " Rio Parima, C-50 |
| 431 | 431 | Brazil, Venezuela, Rio Uraricoera, Serra Parima, C-50 |
| 432 | 432 | " " " Rio Mucajai, C-35 |
| 433 | 433 | " " Rio Demini, Rio Labo Alamada, C-35, END OF ROLL 65 |
| 434 | 434 | " Rio Pacu, Rio Demini, Pico Tabatinga, C-30 |
| 435 | 435 | " Rio Branco, Rio Catrimani, Rio Agua Boa Do Univini, C-35 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 436 | SL4-64-436 | Brazil, Rio Branco, Rio Catrimani, C-25 |
| 437 | 437 | " " " Rio Agua Boa Do Univini, C-50 |
| 438 | 438 | " Rio Alalau, C-90 |
| 439 | 439 | " Rio Uatuma, C-95 |
| 440 | 440 | " " " " |
| 441 | 441 | " " " " |
| 442 | 442 | " " " C-90 |
| 443 | 443 | " Rio Amazon, Rio Madeira, C-75 |
| 444 | 444 | " " " Itacoatiara, Rio Madeira, C-65 |
| 445 | 445 | " " " Rio Madeira, C-60 |
| 446 | 446 | " Rio Abacaxis, C-55 |
| 447 | 447 | " " " C-60 |
| 448 | 448 | " Rio Tapajos, C-50 |
| 449 | 449 | " Rio Crepori, " |
| 450 | 450 | " Rio Jamanxim, C-55 |
| 451 | 451 | " " " C-60 |
| 452 | 452 | " " " " |
| 453 | 453 | " " " PARTIAL FRAME on 64, END ROLL 64. |
| 454 | 454 | Brazil, Rio Curna, C-70 |
| 455 | 455 | " Rio Iriri, C-75 |
| 456 | 456 | " Rio Iririno, C-75 |
| 457 | 457 | " Rio Xingu, C-80 END ROLL 62 |
| 458 | 458 | " Rio Xingu, C-85 |
| 459 | 459 | " C-90 |
| 460 | 460 | " C-96 |
| 461 | 461 | " C-98 |
| 462 | 462 | " C-98 |
| 463 | 463 | " C-98 END EREP PASS 35, END ROLL 61 |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. 70 CAMERA Itek 6-lens Multispectral LENS 150-mm FILM TYPE SO-356
 DESCRIPTION Ektachrome High Definition Aerial WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|-------------------------------------|
| 1 | SL4-70-001 | BEGIN EREP PASS #28, Mexico, C-95 |
| 2 | 002 | Mexico, C-100 |
| 3 | 003 | Tex., Mexico, Gulf of Mexico, C-100 |
| 4 | 004 | " Gulf of Mexico, C-98 |
| 5 | 005 | " " " " C-95 |
| 6 | 006 | " " " " " |
| 7 | 007 | " " " " " |
| 8 | 008 | " " " " " |
| 9 | 009 | La., Tex., Gulf of Mexico, C-90 |
| 10 | 010 | " Gulf of Mexico, C-90 |
| 11 | 011 | " C-100 |
| 12 | 012 | Miss., La., C-100 |
| 13 | 013 | " " " " |
| 14 | 014 | " " " " |
| 15 | 015 | " " " " |
| 16 | 016 | " " " " |
| 17 | 017 | Ala., Miss., C-100 |
| 18 | 018 | " " " " |
| 19 | 019 | " " " " |
| 20 | 020 | " " " " |
| 21 | 021 | Tenn., Ala., Miss., C-100 |
| 22 | 022 | " " " " |
| 23 | 023 | " " C-100 |
| 24 | 024 | " Ga., Ala., C-100 |
| 25 | 025 | " " " " |
| 26 | 026 | Ky., Tenn., Ga., C-100 |
| 27 | 027 | " " C-100 |
| 28 | 028 | " Va., Tenn., C-100 |
| 29 | 029 | " " " " |
| 30 | 030 | " " " " |
| 31 | 031 | W. Va., Ky., Tenn., Va., C-100 |
| 32 | 032 | " " Ohio, Ky., Va., C-100 |
| 33 | 033 | " " " " C-100 |
| 34 | 034 | Pa., W. Va., Ohio, C-100 |
| 35 | 035 | " " " " " |

NOTE:
 Roll Ends at Frame
 69 416
 70 439
 72 440
 71 441
 67 462
 68 466

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 36 | SL4-70-036 | Pa., W. Va., C-100 |
| 37 | 037 | " Md., W. Va., C-100 |
| 38 | 038 | " " " " C-95, S-100 |
| 39 | 039 | " C-90, S-100 |
| 40 | 040 | N. Y., Pa., C-90, S-100 |
| 41 | 041 | " " " " " |
| 42 | 042 | " " " Susquehanna R., C-70, S-100 |
| 43 | 043 | " " " Catskill Mts., Delaware R., C-60, S-100 |
| 44 | 044 | N. Y., Mass., Vt., Mohawk R., Hudson R., Catskill Mts., C-55, S-100 |
| 45 | 045 | " " Vt., Mass., N. H., Hudson R., Lake George, Sacandaga Res. |
| 46 | 046 | " " " " " Conn. R., Lake Champlain, Lake George |
| 47 | 047 | Me., N. H., Vt., Conn. R., White Mts., Hanover, C-60, S-100 |
| 48 | 048 | " " " " Portland, Lake Winnepesaukee, White Mts., Conn. R. |
| 49 | 049 | " " " Portland, Lake Sebego, White Mts., Conway, C-35, S-100 |
| 50 | 050 | " Bath, Waterville, Kennebec R., Rumford, C-20, S-100 |
| 51 | 051 | " Penobscot Bay, Bangor, Kennebec R., Augusta, C-20, S-100 |
| 52 | 052 | " New Brunswick, Penobscot Bay, Mt. Desert I., St. John R., S-100 |
| 53 | 053 | " " " Passamquoddy Bay, St. John, Fredericton, S-100 |
| 54 | 054 | " " " Bay of Fundy, St. John, Fredericton, S-100 |
| 55 | 055 | New Brunswick, Nova Scotia, Bay of Fundy, Chignecto Bay, Moncton |
| 56 | 056 | " " " " Prince Edward I., Moncton, S-100 |
| 57 | 057 | " " " " Northumberland Strait |
| 58 | 058 | Prince Edward I., Charlottetown, ice flows, S-100, C-15 |
| 59 | 059 | " " " " " C-30 |
| 60 | 060 | " " " Cape Breton I., Magdalen Is., St. Lawrence Gulf |
| 61 | 061 | Cape Breton I., Magdalen Is., Gulf of St. Lawrence, S-100, C-75 |
| 62 | 062 | " " " Newfoundland, Cabot Strait, Cape Ray, S-100, C-80 |
| 63 | 063 | Newfoundland, Cabot Strait, Cape Ray, S-100, C-70 |
| 64 | 064 | " Barasway Bay, S-100, C-60 |
| 65 | 065 | " Hermitage Bay, S-100, C-30 |
| 66 | 066 | " " " Red Indian Lake, S-100 |
| 67 | 067 | " Gander, Gander Lake, Bonavista Bay, ice flows, S-100 |
| 68 | 068 | " Bonavista Bay, Trinity Bay, Bonavista, ice flows |
| 69 | 069 | N. Atlantic O. East of Newfoundland, C-80 |
| 70 | 070 | " " " " " C-90 |
| 71 | 071 | " " " " " " |
| 72 | 072 | " " " " " C-85 |
| 73 | 073 | " " " " " " |
| 74 | 074 | " " " " " C-80 |
| 75 | 075 | " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 76 | SL4-70-076 | N. Atlantic O. East of Newfoundland, C-80 |
| 77 | 077 | " " " " " " |
| 78 | 078 | " " " " " " |
| 79 | 079 | " " " " " " |
| 80 | 080 | " " " " " " C-75 |
| 81 | 081 | Mid-North Atlantic O., C-60 |
| 82 | 082 | " " " " C-80 |
| 83 | 083 | " " " " C-98 |
| 84 | 084 | " " " " C-95 |
| 85 | 085 | " " " " C-98 |
| 86 | 086 | " " " " C-100 |
| 87 | 087 | " " " " " |
| 88 | 088 | " " " " C-98 |
| 89 | 089 | " " " " C-90 |
| 90 | 090 | " " " " C-85 |
| 91 | 091 | " " " " C-60, END EREP PASS #28 |
| 92 | 092 | BEGIN EREP PASS #29, Pacific O. off Mexico, C-25 |
| 93 | 093 | Pacific O. off Mexico, C-25 |
| 94 | 094 | " " " " " " BREAK IN PASS |
| 95 | 095 | BREAK IN PASS, Mexico, Guadalupe I., unique cloud flow, C-90 |
| 96 | 096 | Mexico, Guadalupe I., unique cloud flows, C-80 |
| 97 | 097 | Pacific O. off Baja Calif., C-90 |
| 98 | 098 | " " " " " " C-92 |
| 99 | 099 | Mexico (Baja Calif.), Ensenada, Todo Santos Bay, Punta Colnett, C-70 |
| 100 | 100 | " " " " " " Sierra San Pedro Matir, C-25 |
| 101 | 101 | " " " " Sonora, Calif., Mexicali, Colorado R., Laguna Salada |
| 102 | 102 | Calif., Ariz., Mexico (Baja Calif-Sonora), Yuma, Mexicali, El Centrl |
| 103 | 103 | " " " " " " Colorado R., Gila R. |
| 104 | 104 | " " " " (Sonora), Yuma, Gila R., Kofa Mts., Painted Rock R. |
| 105 | 105 | Ariz., Calif, Gila R., Kofa Mts., Continental Wash, Eagle Tail Mts. |
| 106 | 106 | " " Sun City, Wickenburg, Lake Pleasant, Vulture Mts. |
| 107 | 107 | " " " " Prescott, Verde R., Sedona, Oak Creek Canyon, S-25 |
| 108 | 108 | " " Meteor Crater, Flagstaff, San Francisco Peaks, Mogollon Rim, S-40 |
| 109 | 109 | " " " " Winslow, Little Colorado R., S-50 |
| 110 | 110 | " " " " Little Colorado R., Winslow, Hopi Area, S-60 |
| 111 | 111 | " " Black Mesa, Keams Canyon, Sastanna Mts., S-80 |
| 112 | 112 | " " N. M., Black Mesa, Canyon De Chelly, Chuska Mts., Chinle, S-98 |
| 113 | 113 | " " " " Ut., Colo., 4-Corners, Mesa Verde, Carrizo Mt., S-100 |
| 114 | 114 | " " " " Mesa Verde, Sleeping Ute Mt., Durango, Cortez |
| 115 | 115 | N. M., Colo., Durango, San Juan Mts., Telluride, Silverton, Ouray, C-20 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 116 | SL4-70-116 | Colo., San Juan Mts., Creede, Pagosa Spg., Silverton, Rio Grande, C-30 |
| 117 | 117 | " " " San Luis Valley, Sawatch Mts., Rio Grande, S-100 |
| 118 | 118 | " Sangre De Cristo Mts., San Luis Valley, Wet Mt. Valley, S-100 |
| 119 | 119 | " Buena Vista, S. Park, Rampart Range, S-90, C-45 |
| 120 | 120 | " Castle Rock, S-90, C-70 |
| 121 | 121 | " S. Platte R., S-90, C-70 |
| 122 | 122 | " " Brush, Ft. Morgan, S-100, C-70 |
| 123 | 123 | " Neb., S. Platte R., Sterling, S-100, C-80 |
| 124 | 124 | " " " " N. Platte R., Lake McConaughy, S-100, C-70 |
| 125 | 125 | Neb., Colo., Platte R., Lake McConaughy, N. Platte, S-100, C-30 |
| 126 | 126 | " Platte R., N. Platte, S. Loup R., S-100, C-30 |
| 127 | 127 | " Middle Loup R., N. Loup R., Niobrara R., S-100, C-30 |
| 128 | 128 | " D., Missouri R., Niobrara R., O'Neill, S-100, C-50 |
| 129 | 129 | " " " " " Lewis & Clark Res., S-100, C-40 |
| 130 | 130 | " " Ia., Missouri R., Yankton, Lewis & Clark Res., S-100, C-15 |
| 131 | 131 | " " " Minn., Sioux Falls, Missouri R., Big Sioux R., S-100 |
| 132 | 132 | " " " " " Big Sioux R., S-100, C-20 |
| 133 | 133 | Minn., Ia., Pipestone, Worthington, Sleepy Eye, S-100 |
| 134 | 134 | " Minnesota R., Mankato, Le Seuer, Glencoe, S-100 |
| 135 | 135 | " Minneapolis, Minnesota R., Mankato, S-100, C-20 |
| 136 | 136 | " Wisc., Minneapolis, St. Paul, Mississippi R., St. Croix R., S-100 |
| 137 | 137 | " " Twin Cities, St. Croix R., Miss. R., S-100 END EREP PASS 29 |
| 138 | 138 | BEGIN EREP PASS #30, Mont., Little Belt Mts., C-95 |
| 139 | 139 | Mont., C-100 |
| 140 | 140 | " C-98 |
| 141 | 141 | " Yellowstone R., Forsyth, C-85 |
| 142 | 142 | " " Miles City, Tongue R., Forsyth, C-70 |
| 143 | 143 | " S. D., Yellowstone R., Miles City, Powder R., Tongue R., C-40 |
| 144 | 144 | S. D., Mont., Wyo., Little Missouri R., Powder R., Little Powder R. C-30 |
| 145 | 145 | " " " Belle Fourche, Black Hills, Little Missouri R., C-20 |
| 146 | 146 | " " Rapid City, Black Hills, Belle Fourche R., Deadwood |
| 147 | 147 | " " " " " Badlands, Belle Fourche R. |
| 148 | 148 | " " Badlands, Belle Fourche R., Oahe Res., White R. |
| 149 | 149 | " " Oahe Res., White R., Pierre, Missouri R. |
| 150 | 150 | " " Neb., Pierre, Missouri R., Oahe Res., White R., Ft. Randall Res. |
| 151 | 151 | " " " Missouri R., Ft. Randall Res., White R., Niobrara R., S-20 |
| 152 | 152 | " " " " " Niobrara R., Ft. Randall Res., S-30 |
| 153 | 153 | " " " " " Yankton, Lewis & Clark Res., S-60 |
| 154 | 154 | " " " Ia., Sioux City, Missouri R., Norfolk, S-80, C-10 |
| 155 | 155 | Ia., Neb., Sioux City, Missouri R., Platte R., Norfolk, S-100, C-40 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 156 | SL4-70-156 | Iowa, Neb., Floyd R., Platte R., S-100, C-70 |
| 157 | 157 | " " C-100 |
| 158 | 158 | " " " |
| 159 | 159 | " " " |
| 160 | 160 | " " " |
| 161 | 161 | Mo., C-100 |
| 162 | 162 | " Ill., C-100, BREAK IN PASS |
| 163 | 163 | BREAK IN PASS, Tenn., C-95 |
| 164 | 164 | Ga., N. C., Tenn., C-95 |
| 165 | 165 | " S. C., N. C., Tenn., C-95 |
| 166 | 166 | " " " " " C-100 |
| 167 | 167 | " " " Augusta, Savannah R., C-85 |
| 168 | 168 | " " " " " Barnwell, C-70 |
| 169 | 169 | " " " Walterboro, Barnwell, Orangeburg, C-50 |
| 170 | 170 | " " " Savannah Beach, Hilton Head, Walterboro, C-50 |
| 171 | 171 | " " " " " " " Beaufort, C-60 |
| 172 | 172 | " " " " " " " Parris I., St. Helena Sound |
| 173 | 173 | Atlantic O. East of Ga., C-60 |
| 174 | 174 | " " " " " " C-40 |
| 175 | 175 | " " " " " " " |
| 176 | 176 | " " " " " " " |
| 177 | 177 | " " " " " Fla. C-35 |
| 178 | 178 | " " " " " C-30 |
| 179 | 179 | " " " " " " |
| 180 | 180 | " " " " " C-35 |
| 181 | 181 | " " " " " C-40 |
| 182 | 182 | " " " " " " |
| 183 | 183 | " " " " " C-45 |
| 184 | 184 | " " " " " " |
| 185 | 185 | " " " " " " |
| 186 | 186 | " " " " " " |
| 187 | 187 | " " " " " C-40 |
| 188 | 188 | " " North of West Indies, C-35 |
| 189 | 189 | " " " " " " |
| 190 | 190 | " " " " " C-30 |
| 191 | 191 | " " " " " " |
| 192 | 192 | " " " " " C-25 |
| 193 | 193 | " " " " " C-20 |
| 194 | 194 | " " " " " C-25 |
| 195 | 195 | " " " " " C-40 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 196 | SL4-70-196 | Atlantic O. North of West Indies, C-50 |
| 197 | 197 | " " " " " " C-45 |
| 198 | 198 | " " " " " " C-30 |
| 199 | 199 | " " " " " " |
| 200 | 200 | Puerto Rico, C-35 |
| 201 | 201 | " " " C-45 |
| 202 | 202 | " " San Juan, Vieques I., Guelbra I., C-50 |
| 203 | 203 | " " " " " " St. Croix, C-50 |
| 204 | 204 | Vieques I., Guelbra I., St. Croix, C-30 |
| 205 | 205 | St. Croix I., C-30 |
| 206 | 206 | Caribbean Sea, C-30 |
| 207 | 207 | " " " END EREP PASS #30 |
| 208 | 208 | BEGIN EREP PASS #32, Mont., C-100 |
| 209 | 209 | Mont., C-100 |
| 210 | 210 | " " |
| 211 | 211 | " " |
| 212 | 212 | " " |
| 213 | 213 | " " |
| 214 | 214 | S. D., N. D., Mont., C-100 |
| 215 | 215 | " " " " C-100 |
| 216 | 216 | " " " " " |
| 217 | 217 | " " " " " |
| 218 | 218 | Minn., S. D., N. D., C-100 |
| 219 | 219 | " " " " " |
| 220 | 220 | " C-100 |
| 221 | 221 | " " |
| 222 | 222 | " " BREAK IN PASS |
| 223 | 223 | BREAK IN PASS, N. C., Va., Kerr Res., C-95 |
| 224 | 224 | N. C., Va., C-95 |
| 225 | 225 | " " Cape Hatteras, Pamlico Sound, Pamlico R., C-70 |
| 226 | 226 | " " " " C-35 |
| 227 | 227 | Atlantic O., "Bermuda Triangle," C-35 |
| 228 | 228 | " " " " C-30 |
| 229 | 229 | " " " " C-60 |
| 230 | 230 | " " " " C-20 |
| 231 | 231 | " " " " C-35 |
| 232 | 232 | " " " " " |
| 233 | 233 | " " " " C-20 |
| 234 | 234 | " " " " C-50 |
| 235 | 235 | " " " " C-30 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 236 | SL4-70-236 | Atlantic O., "Bermuda Triangle," C-35 |
| 237 | 237 | " " " " C-45, END EREP PASS #32 |
| 238 | 238 | BEGIN EREP PASS #37, Mont., C-100 |
| 239 | 239 | Mont., C-98 |
| 240 | 240 | " C-90 |
| 241 | 241 | " C-80 |
| 242 | 242 | " Absaroka Mts., C-80 |
| 243 | 243 | " Wyo., Big Horn Basin, Absaroka Mts., S-50, C-60 |
| 244 | 244 | " " " " Big Horn R., Powell, S-50, C-50 |
| 245 | 245 | Wyo., Mont., Big Horn Mts., Big Horn Basin, Big Horn R., S-60, C-40 |
| 246 | 246 | " " Sheridan, Big Horn Mts., Big Horn R., S-90, C-25 |
| 247 | 247 | " Big Horn Mts., Powder R., Buffalo, S-100, C-25 |
| 248 | 248 | " Cheyenne R., Belle Fourche R., S-100, C-25 |
| 249 | 249 | " S. D., Black Hills, Cheyenne R., S-100, C-20 |
| 250 | 250 | S. D., Neb., Wyo., Hot Springs, Black Hills, Cheyenne R., S-100 |
| 251 | 251 | " " " " Chadron, Hot Springs, Cheyenne R., S-100 |
| 252 | 252 | Neb., S. D., Sand Hill Country, Alliance, Niobrara R., S-100 |
| 253 | 253 | " N. Platte R., S. Platte R., N. Platte, S-100 |
| 254 | 254 | " Platte R., Loup Rivers, Kearney, S-100, C-30 |
| 255 | 255 | " Kan., Platte R., Kearney, S-90, C-40 |
| 256 | 256 | " " Concordia, S-80, C-60 |
| 257 | 257 | " " Big Blue R., S-70, C-70 |
| 258 | 258 | " " C-90, S-70 |
| 259 | 259 | Kan., Mo., C-95 |
| 260 | 260 | " " C-100 |
| 261 | 261 | " " " |
| 262 | 262 | " " " |
| 263 | 263 | " " " |
| 264 | 264 | Mo., C-100 |
| 265 | 265 | Ark., Mo., C-100 |
| 266 | 266 | " " C-98 |
| 267 | 267 | " " St. Francis R., C-90 |
| 268 | 268 | Tenn., Ark., Mo., Mississippi R., C-80 |
| 269 | 269 | " Miss., Ark., Mo., Jackson, Mississippi R., C-60 |
| 270 | 270 | Ala., Tenn., Miss., Tennessee R., Shiloh Church, Jackson, C-30 |
| 271 | 271 | Miss., Tenn., Ala., Tennessee R., Corinth, Florence |
| 272 | 272 | Ala., Tenn., Miss., Muscle Shoals, Tennessee R., Amory |
| 273 | 273 | " Birmingham, Tuscaloosa, Bankhead Res., Jasper |
| 274 | 274 | " " Coosa R., Talledega |
| 275 | 275 | " Montgomery, Coosa R., Martin Lake, Tuskegee |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 276 | SL4-70-276 | Ala., Ga., Columbus, Auburn, Chattahoochee R., LaGrange |
| 277 | 277 | " " " Chattahoochee R., Americus, Auburn |
| 278 | 278 | " " Albany, Chattahoochee R. Eufaula, Flint R. |
| 279 | 279 | Ga., Fla., Ala., Albany, Flint R., Moultrie, Tifton, Valdosta |
| 280 | 280 | " " Valdosta, Tifton, Tallahassee, Thomasville |
| 281 | 281 | Fla., Gainesville, Lake City, Live Oak, Perry, St. John's R. |
| 282 | 282 | " Daytona Beach, Orlando, Ocala, St. John's R., Leesburg, C-10 |
| 283 | 283 | " KSC, Cape Canaveral, Orlando, Kissimmee, Cocoa, C-20 |
| 284 | 284 | " Ft. Pierce, Vero Beach, Palm Beach, Stuart, C-20 |
| 285 | 285 | Bahamas, Grand Bahama I., Freeport, West End, C-10 |
| 286 | 286 | " Andros I., New Providence I., Nassau, Great Abaco I., C-15 |
| 287 | 287 | " " " " Eleuthera I., Foul Cay, C-15 |
| 288 | 288 | " Cat I., Little Salvador I., Great Exuma I., Long I., C-20 |
| 289 | 289 | " Long I., Crooked I., C-20 |
| 290 | 290 | " Crooked I., Acklins I., Northwest Cay, C-15 |
| 291 | 291 | " Great Inagua I., Little Inagua I., C-15 |
| 292 | 292 | Haiti, Tortuga I., Gonaives, Port De Paix, C-15 |
| 293 | 293 | " Dominican Republic, Monte Cristo, Cordillera Central, C-20 |
| 294 | 294 | " " " Lago Enriquillo, Lac De Peligre, C-25 |
| 295 | 295 | " " " Barahona, Azua, Lago Enriquillo, C-30 |
| 296 | 296 | Dominican Republic, Barahona, Azua, Laguna Rincon, C-30 |
| 297 | 297 | " " Punta Solina, C-15 |
| 298 | 298 | Caribbean Sea, C-20 |
| 299 | 299 | " " " |
| 300 | 300 | " " " |
| 301 | 301 | " " C-30 |
| 302 | 302 | " " " |
| 303 | 303 | " " C-20 |
| 304 | 304 | " " Blanquilla I., C-20 |
| 305 | 305 | Venezuela, Isla Margarita, Pen. De Araya, Blanquilla I., C-20 |
| 306 | 306 | " " " Golfo De Cariaco, Cumana, C-30 |
| 307 | 307 | " Pen. De Araya, Cumana Maturin, Rio San Juan, C-35 |
| 308 | 308 | " Maturin, Gulf of Paria, Cano Manamo, C-40 |
| 309 | 309 | " San Felix, Rio Orinoco, Cano Manamo, C-50 |
| 310 | 310 | " " " " C-80 |
| 311 | 311 | " " " C-90 |
| 312 | 312 | " Serriana De Imataca, C-85 |
| 313 | 313 | " Guyana, Rio Cuyani, C-80 |
| 314 | 314 | " " " Kamarang R., C-70, END EREP PASS #37 |
| 315 | 315 | BEGIN EREP PASS #40, Pacific O. off Vancouver I., C-90 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 316 | SL4-70-316 | Pacific O. off Vancouver I., C-90 |
| 317 | 317 | " " " " " C-96 |
| 318 | 318 | British Columbia, C-100 |
| 319 | 319 | " " " " |
| 320 | 320 | " " " " |
| 321 | 321 | " " Wash., C-100 |
| 322 | 322 | " " " " |
| 323 | 323 | " " " " |
| 324 | 324 | " " " " |
| 325 | 325 | " " " " |
| 326 | 326 | " " " " |
| 327 | 327 | " " Idaho, C-100 |
| 328 | 328 | " " " " |
| 329 | 329 | " " Idaho, Mont., " |
| 330 | 330 | Idaho, Mont., C-100 |
| 331 | 331 | Mont., C-100 |
| 332 | 332 | " " " |
| 333 | 333 | " " " |
| 334 | 334 | " " " |
| 335 | 335 | " " " |
| 336 | 336 | " C-98 |
| 337 | 337 | " East of Little Rock Mts., C-95 |
| 338 | 338 | " " " " " C-92 |
| 339 | 339 | " Ft. Peck Res., C-92 |
| 340 | 340 | " " " " C-95 |
| 341 | 341 | " " " " C-98 |
| 342 | 342 | " C-99 |
| 343 | 343 | " N. D., C-100 |
| 344 | 344 | N. D., C-100 |
| 345 | 345 | " " S. D. C-100 |
| 346 | 346 | " " " " " |
| 347 | 347 | " " " " " |
| 348 | 348 | S. D., N. D., C-90 |
| 349 | 349 | " " " " Faulkton, Ispwich, S-90, C-60 |
| 350 | 350 | " " Huron, Redfield, Clark, S-90, C-35 |
| 351 | 351 | " " Watertown, De Smet, Huron, S-90, C-20 |
| 352 | 352 | Minn., S. D., Sioux Falls, Madison, Brookings, S-100, C-30 |
| 353 | 353 | S. D., Minn., Sioux Falls, Madison, Brookings, Pipestone, S-100, C-20 |
| 354 | 354 | " " " Ia., Worthington, Spencer, Emmetsburg, S-100, C-20 |
| 355 | 355 | Ia., Minn., Des Moines R., Ft. Dodge, S-100, C-10 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 356 | SL4-70-356 | Ia., Minn., Des Moines R., Ft. Dodge, Mason City, S-100, C-10 |
| 357 | 357 | " " Mason City, Waterloo, Cedar R., S-100 |
| 358 | 358 | " Waterloo, Iowa R., Cedar R. |
| 359 | 359 | " Iowa R., Iowa City, Cedar Rapids, S-100 |
| 360 | 360 | " Ill., Mississippi R., Davenport, Iowa City, S-90 |
| 361 | 361 | " " " " Muscatine, S-70 |
| 362 | 362 | Ill., Peoria, Illinois R., Princeton, Lincoln, S-50, C-15 |
| 363 | 363 | " " " " Bloomington, Strator, S-30, C-40 |
| 364 | 364 | " Ind., Champaign, Urbana, Danville, Bloomington, S-15, C-40 |
| 365 | 365 | " " " " Lafayette, S-10, C-60 |
| 366 | 366 | Ind., Ill., Lafayette, Wabash R., Danville, S-80 |
| 367 | 367 | Ind., C-95 |
| 368 | 368 | " Ohio, Ky., C-100 |
| 369 | 369 | Ohio, Ky., C-100 |
| 370 | 370 | Ky., C-100 |
| 371 | 371 | " Tenn., W. Va., Va., C-100 |
| 372 | 372 | " " " " " " |
| 373 | 373 | Va., Tenn., N. C., C-100 |
| 374 | 374 | Tenn., Va., N. C., C-100 |
| 375 | 375 | " " " " S. C., C-100 |
| 376 | 376 | N. C., S. C., C-100 |
| 377 | 377 | " " " " C-96 |
| 378 | 378 | S. C., N. C., Pee Dee River, C-85 |
| 379 | 379 | N. C., S. C., Fayetteville, Lumber R., Carolina "Bays" S-65 |
| 380 | 380 | " " " " Cape Lookout, Myrtle Beach, Conway, Wilmington, C-70 |
| 381 | 381 | " " " " " " " " Wilmington, C-65 |
| 382 | 382 | " " Cape Lookout, C-60 |
| 383 | 383 | Atlantic O. in Bermuda Triangle, C-50 |
| 384 | 384 | " " " " " C-40 |
| 385 | 385 | " " " " " C-30 |
| 386 | 386 | " " " " " C-20 |
| 387 | 387 | " " " " " " |
| 388 | 388 | " " " " " " |
| 389 | 389 | " " " " " " |
| 390 | 390 | " " " " " " |
| 391 | 391 | " " " " " " |
| 392 | 392 | " " " " " " |
| 393 | 393 | " " " " " C-25 |
| 394 | 394 | " " " " " " |
| 395 | 395 | " " " " " C-20 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | | |
|-----------|------------|-------------------------------------|----|-------|-------------------|--------------|------------------|
| 396 | SL4-70-396 | Atlantic | O. | North | of | West Indies, | C-10 |
| 397 | 397 | " | " | " | " | " | C-15 |
| 398 | 398 | " | " | " | " | " | C-20 |
| 399 | 399 | " | " | " | " | " | C-15 |
| 400 | 400 | " | " | " | " | " | C-10 |
| 401 | 401 | " | " | " | " | " | C-20 |
| 402 | 402 | " | " | " | " | " | C-30 |
| 403 | 403 | " | " | " | " | " | " |
| 404 | 404 | " | " | " | " | " | C-35 |
| 405 | 405 | " | " | " | " | " | C-30 |
| 406 | 406 | " | " | " | " | " | C-25 |
| 407 | 407 | " | " | " | " | " | " |
| 408 | 408 | " | " | " | " | " | " |
| 409 | 409 | " | " | " | " | " | " |
| 410 | 410 | " | " | " | " | " | " |
| 411 | 411 | " | " | " | " | " | C-30 |
| 412 | 412 | " | " | " | " | " | " |
| 413 | 413 | " | " | " | " | " | C-35 |
| 414 | 414 | " | " | " | " | " | C-30 |
| 415 | 415 | " | " | " | " | " | C-35 |
| 416 | 416 | " | " | " | " | " | C-30 END ROLL 69 |
| 417 | 417 | " | " | " | " | " | C-80 |
| 418 | 418 | " | " | At | Windward Islands, | | C-100 |
| 419 | 419 | " | " | " | " | " | " |
| 420 | 420 | " | " | " | " | " | " |
| 421 | 421 | " | " | " | " | " | " |
| 422 | 422 | " | " | " | " | " | " |
| 423 | 423 | " | " | " | " | " | " |
| 424 | 424 | " | " | " | " | " | " |
| 425 | 425 | " | " | " | " | " | " |
| 426 | 426 | " | " | " | " | " | " |
| 427 | 427 | " | " | " | " | " | " |
| 428 | 428 | " | " | " | " | " | " |
| 429 | 429 | " | " | " | " | " | " |
| 430 | 430 | " | " | " | " | " | " |
| 431 | 431 | " | " | North | of | Guianas, | C-100 |
| 432 | 432 | " | " | " | " | " | " |
| 433 | 433 | " | " | " | " | " | " |
| 434 | 434 | " | " | " | " | " | " |
| 435 | 435 | " | " | " | " | " | " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 436 | SL4-70-436 | Atlantic O. North of the Guianas, C-100 |
| 437 | 437 | " " " " " " |
| 438 | 438 | " " " " " " |
| 439 | 439 | " " " " " " |
| 440 | 440 | " " " " " " END ROLL 70 END ROLL 72 |
| 441 | 441 | " " " " " " END ROLL 71 |
| 442 | 442 | " " " " " " |
| 443 | 443 | " " " " " " |
| 444 | 444 | " " " " " " |
| 445 | 445 | " " " " " " |
| 446 | 446 | " " " " " " |
| 447 | 447 | " " " " " " |
| 448 | 448 | " " " " " " |
| 449 | 449 | " " " " " " C-98 |
| 450 | 450 | " " " " " " |
| 451 | 451 | " " " " " " |
| 452 | 452 | " " " " " " C-97 |
| 453 | 453 | " " " " " " C-98 |
| 454 | 454 | " " " " " " |
| 455 | 455 | " " " " " " C-96 |
| 456 | 456 | " " " " " " C-95 |
| 457 | 457 | " " " " " " |
| 458 | 458 | " " " " " " |
| 459 | 459 | " " " " " " |
| 460 | 460 | " " " " " " |
| 461 | 461 | " " " " " " |
| 462 | 462 | " " " " " " END ROLL 67 |
| 463 | 463 | " " " " " " |
| 464 | 464 | " " " " " " |
| 465 | 465 | " " " " " " C-90 |
| 466 | 466 | " " " " " " END ROLL 68 END EREP PASS #40 |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

| MAGAZINE NO. <u>76</u> | | CAMERA <u>Itek 6-lens Multispectral</u> | LENS <u>150-mm</u> | FILM TYPE <u>SO-356</u> |
|--------------------------------|------------|--|--------------------|-------------------------|
| | | Ektachrome High Definition | | |
| FILM DESCRIPTION <u>Aerial</u> | | FILM WIDTH <u>70-mm</u> | | |
| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | |
| 1 | SL4-76-001 | BEGIN EREP PASS #41, Minn., St. Cloud, Mississippi R., S-100, C-60 | | |
| 2 | 002 | Minn., Wisc., Minneapolis-St. Paul, Mississippi R., St. Croix R. | | |
| 3 | 003 | " " " " " " Red Wing, S-100 | | |
| 4 | 004 | " " Mississippi R., Chippewa R., Red Wing, S-95 | | |
| 5 | 005 | " " Ia., Mississippi R., La Crosse, Black R., S-90 | | |
| 6 | 006 | " " " " " " " Wisconsin R., S-80 | | |
| 7 | 007 | Ia., Wisc., Ill., " " " Madison, Wisconsin R., Portage | | |
| 8 | 008 | Wisc., Ill., Madison, Wisconsin R., Rickford, Freeport, S-80 | | |
| 9 | 009 | " " " " " " Rockford, Milwaukee, NW Chicago Suburbs, S-80 | | |
| 10 | 010 | " " Ind., Chicago, Milwaukee, Gary, Racine, Fox R., S-60 | | |
| 11 | 011 | Ill., Wisc., Ind., Mich., Chicago, Gary, Racine, Benton Harbor, S-30 | | |
| 12 | 012 | " Ind., Mich., Chicago, Gary, South Bend, Benton Harbor | | |
| 13 | 013 | Ind., Mich., South Bend, St. Joseph R., Winona Lake, Ft. Wayne | | |
| 14 | 014 | Ind., Ohio, Ft. Wayne, Huntington, Defiance, Maumee R. | | |
| 15 | 015 | " " " " " " Lima, Wapakoneta, Grand Lake | | |
| 16 | 016 | Ohio, Lima, Findlay, Columbus, Marion, C-15 | | |
| 17 | 017 | " Columbus, Mt. Vernon, Chillicothe, Scioto R., | | |
| 18 | 018 | " W. Va., Ohio R., Columbus, Athens, Zanesville, C-30 | | |
| 19 | 019 | " " " " " " Parkersburg, Marietta, Athens, C-30 | | |
| 20 | 020 | " " " " " " Kanawha R., C-50 | | |
| 21 | 021 | W. Va., Allegheny Plateau, Allegheny Mts., C-80 | | |
| 22 | 022 | " " Va., Allegheny Mts., Greenbrier R., C-90 | | |
| 23 | 023 | " " " " " " C-90 | | |
| 24 | 024 | Va., C-100 | | |
| 25 | 025 | " " " " " " | | |
| 26 | 026 | " N. C., C-100 | | |
| 27 | 027 | " " " " " " | | |
| 28 | 028 | " " " " " " | | |
| 29 | 029 | " " " " " " | | |
| 30 | 030 | Atlantic O. off Carolinas, C-90 | | |
| 31 | 031 | " " " " " " | | |
| 32 | 032 | " " " " " " C-95 | | |
| 33 | 033 | " " " " " " C-80 | | |
| 34 | 034 | " " " " " " C-60 | | |
| 35 | 035 | " " " " " " C-30 | | |

NOTE: Roll 75 frames 001 through 142 not numbered correctly. To get correct frame and subject description, subtract one number from roll 75 for other 5 rolls. For example, No. 100 on roll 75 is No. 99 on rolls (76), 73, 74, 77, and 78.

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 36 | SL4-76-036 | Atlantic O., Bermuda Triangle, C-30 |
| 37 | 037 | " " " " C-35 |
| 38 | 038 | " " " " C-40 |
| 39 | 039 | " " " " C-30 |
| 40 | 040 | " " " " C-20 |
| 41 | 041 | " " " " " |
| 42 | 042 | " " " " " |
| 43 | 043 | " " " " C-15 |
| 44 | 044 | " " " " C-20 |
| 45 | 045 | " " " " C-25 |
| 46 | 046 | " " " " C-20 |
| 47 | 047 | " " S. of Bermuda, C-25 |
| 48 | 048 | " " " " C-45 |
| 49 | 049 | " " " " C-60 |
| 50 | 050 | " " " " C-70 |
| 51 | 051 | " " " " " |
| 52 | 052 | " " " " " |
| 53 | 053 | " " " " " BREAK IN PASS |
| 54 | 054 | " " Single Frame, C-60 |
| 55 | 055 | " " " " " |
| 56 | 056 | " " " " C-80 |
| 57 | 057 | " " " " C-30 |
| 58 | 058 | " " " " " |
| 59 | 059 | " " " " C-100 |
| 60 | 060 | " " " " C-90 |
| 61 | 061 | " " " " C-100 END EREP PASS #41 |
| 62 | 062 | BEGIN EREP PASS #42, Pacific O. off Calif., C-40 |
| 63 | 063 | Pacific O. off Calif., C-40 |
| 64 | 064 | " " " " " |
| 65 | 065 | " " " " " |
| 66 | 066 | Calif., Punta Gorda, Point Delgada, C-30 |
| 67 | 067 | " Point Delgada, Ft. Bragg, Tenmile R., C-20 |
| 68 | 068 | " Point Arena, Ft. Bragg, Navarro, C-15 |
| 69 | 069 | " Clear Lake, The Geysers, Point Reyes, Bodega Bay |
| 70 | 070 | " San Francisco Bay Area, Point Reyes, Sacramento |
| 71 | 071 | " " " " " " " Stockton |
| 72 | 072 | " San Jose, Palo Alto, Stockton, Modesto, Port Chicago, C-10 |
| 73 | 073 | " " Stockton, Modesto, Los Banos, C-25 |
| 74 | 074 | " San Luis Res., Los Banos, San Joaquin R., C-50 |
| 75 | 075 | " Diablo Range, San Joaquin Valley, C-80 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 76 | SL4-76-076 | Calif., Sierra Nevada, Lake Isabella, Owens R., C-60 |
| 77 | 077 | " " " China Lake, Owens R., Olancho, C-40 |
| 78 | 078 | " " " Edwards AFB, Mojave Desert, Searles Lake, C-15 |
| 79 | 079 | " Palmdale, Edwards AFB, San Andres Fault, Barstow, C-15 |
| 80 | 080 | " Barstow, Mojave R., Mojave Desert, Apple Valley, C-20 |
| 81 | 081 | " Big Bear Lake, Mojave Desert, Palm Springs, Joshua Tree |
| 82 | 082 | " Salton Sea, Coachella Valley, Imperial Valley, Indio |
| 83 | 083 | " Mexico (Baja Calif.) Imperial Valley, Mexicali, Yuma |
| 84 | 084 | Calif., Ariz., Baja Calif., Sonora, Yuma, Colorado R., Mexicali |
| 85 | 085 | Ariz., Calif., Baja Calif., Sonora, Yuma, Colorado R., Gila R. |
| 86 | 086 | Ariz., Sonora, Gila R., Cerro Pinacate, Bahia De Aduar, Ajo |
| 87 | 087 | " " Ajo, Cerro Pinacate, Bahia San Jorge |
| 88 | 088 | Ariz., Sonora, Caborca, Bahia San Jorge, Altar |
| 89 | 089 | Mexico (Sonora), Santa Anna, Caborca, Altar, Magdalena, Rio Magdalena |
| 90 | 090 | " " " " Magdalena, Tincheras, Rio Magdalena |
| 91 | 091 | " " Hermosillo, Santa Anna, Rio Sonora |
| 92 | 092 | " " " Rio Sonora, Rio San Jon, C-20 |
| 93 | 093 | " " Norvillo Res., Hermosillo, Rio Yaqui, C-30 |
| 94 | 094 | " " Chihuahua, Sierra Madre Occidental, Obregon Res. |
| 95 | 095 | " " " " " " " " " " " " |
| 96 | 096 | " " " Rio Mayo, Sierra Madre Occidental |
| 97 | 097 | " (Durango-Chihuahua-Sinaloa), Sierra Madre Occidental |
| 98 | 098 | " " Laguna Santiguilla, Durango, Rio San Lorenzo |
| 99 | 099 | " " Zacatecas) Durango, Miguel Auza, Villa Union |
| 100 | 100 | " (Zacatecas-Jalisco-Aguascalientes), Zacatecas |
| 101 | 101 | " " Aguascalientes-Jalisco) Aguascalientes |
| 102 | 102 | " (Aguascalientes-Jalisco-San Luis Potosi-Guanajuato) |
| 103 | 103 | " (Jalisco-Guanajuato, San Luis Potosi-Queretaro), Leon, C-15 |
| 104 | 104 | " (Queretaro-Guanajuato), Lago Cutzeo, Guanajuato, Celaya, C-30 |
| 105 | 105 | " (Michoacan-Guanajuato-Queretaro), Lago Cutzeo, Queretaro, |
| 106 | 106 | " (Mexico-Michoacan-Queretaro), Mexico City, Toluca, El Oro |
| 107 | 107 | " " Morelos-Guerrero) Cuernavaca Mexico City, Taxco |
| 108 | 108 | " " " " Mexico City, Taxco, Iguala, C-30 |
| 109 | 109 | " (Guerrero-Morelos-Puebla), Iguala, Chilpancingo, C-30 |
| 110 | 110 | " " Puebla, Oaxaca, Chilpancingo, Tlapa, C-35 |
| 111 | 111 | " (Oaxaca-Guerrero), Cerro Yucuyacua, Omotepec, C-35 |
| 112 | 112 | " " " Omotepec, Rio Verde, C-30 |
| 113 | 113 | " " Laguna, Pastoria Rio Verde, Tututepec, C-25 |
| 114 | 114 | " " Puerto Angel, Colotepec, San Pedro, C-20 |
| 115 | 115 | " " " " San Pedro, C-10 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 116 | SL4-76-116 | Pacific O. off Mexico, C-10 |
| 117 | 117 | " " " " C-20 |
| 118 | 118 | " " " " C-25 |
| 119 | 119 | " " " " C-30 |
| 120 | 120 | " " " " C-12 |
| 121 | 121 | " " " " BREAK IN PASS |
| 122 | 122 | " " " Central America, C-80 |
| 123 | 123 | " " " " C-95 |
| 124 | 124 | " " " " C-10 |
| 125 | 125 | BREAK IN PASS, Peru, Chile, Cieta Del Sama, Cabo Lobos, C-70 |
| 126 | 126 | Peru, Chile, Cabo Lobos, Punta Pichaco, C-70 |
| 127 | 127 | Chile, Punta Pichaco, Pampa De Tana, C-80 |
| 128 | 128 | " Bolivia, Altiplano, Andes, C-75 |
| 129 | 129 | " " Salar De Empexa, Andes, C-65 |
| 130 | 130 | " " " " Rio Coa, C-50 |
| 131 | 131 | " " Salar De Escotan, Cerro Peruma, C-40, BREAK IN PASS |
| 132 | 132 | BREAK IN PASS, Argentina, Ouimili, Charata |
| 133 | 133 | Argentina, Villa Angela, Santa Sylvina, C-25 |
| 134 | 134 | " Rio Parana, Reconquista, Goya, C-40 |
| 135 | 135 | " " " Goya, C-80 |
| 136 | 136 | " Uruguay, Brazil, Rio Uruguay, C-80 |
| 137 | 137 | Uruguay, Rio Arapay Grande, C-65 |
| 138 | 138 | " Embalse De Rio Negro, Rio Negro, C-40 |
| 139 | 139 | " Trienta-y-Tres, C-45 |
| 140 | 140 | " Cabo Castillo, Cabo Santa Maria, C-25 |
| 141 | 141 | Atlantic O. off Uruguay, C-15 |
| 142 | 142 | " " " " C-30, END EREP PASS #42 |
| 143 | 143 | BEGIN EREP PASS #44, Quebec, C-100 |
| 144 | 144 | Quebec, C-100 |
| 145 | 145 | " " " |
| 146 | 146 | Gulf of St. Lawrence, C-100 |
| 147 | 147 | " " " " " |
| 148 | 148 | " " " " C-90, ice |
| 149 | 149 | Newfoundland, Long Range Mts., C-80, ice, snow |
| 150 | 150 | " " " " C-60, S-80, BREAK IN PASS |
| 151 | 151 | N. Atlantic East of Newfoundland, ice flows, C-30 |
| 152 | 152 | " " " " " C-85 |
| 153 | 153 | " " " " " C-80 |
| 154 | 154 | " " " " " C-75 |
| 155 | 155 | " " " " " C-65 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 156 | SL4-76-156 | N. Atlantic O., C-80 |
| 157 | 157 | " " " C-30 |
| 158 | 158 | " " " C-20 |
| 159 | 159 | " " " W. of Morocco, C-30 |
| 160 | 160 | " " " " " " |
| 161 | 161 | " " " " " " |
| 162 | 162 | " " " " " " C-20 |
| 163 | 163 | " " " " " " C-10 |
| 164 | 164 | Morocco, Sidi Ifni |
| 165 | 165 | " " " Goulimine, Oued Draa, Tarhicht |
| 166 | 166 | " " Oued Draa, Jebel Quarkziz, Tarhicht |
| 167 | 167 | " " Spanish Sahara, Algeria, Jebel Quarkziz |
| 168 | 168 | " " " Mauritania, Hamada Du Dra |
| 169 | 169 | Algeria, Mauritania, Hamada Du Dra, Hamada El Barka |
| 170 | 170 | " " " Hamade El Barka, Erg Iguidi |
| 171 | 171 | " " " Erg Iguidi |
| 172 | 172 | " " " Mali, Erg Iguidi, El Egiab |
| 173 | 173 | " " " " " " El Hank |
| 174 | 174 | " " " " " " El Hank, Azlef |
| 175 | 175 | Mali, Algeria, Azlef, Erg Chech |
| 176 | 176 | " " " Erg Chech, Azlef |
| 177 | 177 | " " " " " " Hamada Safia |
| 178 | 178 | " " " " " " " " |
| 179 | 179 | " " Hamada El Harisha, Krenachich |
| 180 | 180 | " " " " " " " |
| 181 | 181 | " " " Erg Sakkane |
| 182 | 182 | " " " " " " |
| 183 | 183 | " " " " " " |
| 184 | 184 | " " " " " " |
| 185 | 185 | " " " " " " Timerin Mts. |
| 186 | 186 | " " Azaouad Sands, Timerin Mts., C-10 |
| 187 | 187 | " " " " " " C-12 |
| 188 | 188 | " " " " " " Krib D'Annechchag |
| 189 | 189 | " " Krib D'Annechchag, Tilems Valley |
| 190 | 190 | " " Tilems Valley, Tiguirirt Basin |
| 191 | 191 | " " Tiguirirt Basin |
| 192 | 192 | " " " " " " |
| 193 | 193 | " " " " " " |
| 194 | 194 | " " " " " " C-15 |
| 195 | 195 | " " Niger, Wadi Azaouak, C-25 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 196 | SL4-76-196 | Mali, Niger, Wadi Azaouak, C-15 |
| 197 | 197 | Niger, Mali, " " |
| 198 | 198 | " " " " |
| 199 | 199 | Niger, Dallol Bosso |
| 200 | 200 | " " " C-10 |
| 201 | 201 | " Nigeria, Dogondoutchi, C-30 |
| 202 | 202 | " " " C-50 |
| 203 | 203 | " Nigeria, Sokoto, C-80 |
| 204 | 204 | " " " C-90 |
| 205 | 205 | " C-90 |
| 206 | 206 | " C-85 |
| 207 | 207 | " Kaduna R., C-70 |
| 208 | 208 | " Benue R., Kaduna R., C-45 |
| 209 | 209 | " " " C-30 |
| 210 | 210 | " " " Katsina Ala R. |
| 211 | 211 | " " " " " " |
| 212 | 212 | " Cameroon, Katsina Ala R. |
| 213 | 213 | " " " " " " END EREP PASS #44 |
| 214 | 214 | BEGIN EREP PASS #45, Calif., Red Bluff, Sacramento R., C-35 |
| 215 | 215 | Calif., Red Bluff, Chico, Marysville, Sacramento R., C-20, S-10 |
| 216 | 216 | " Nev., Sierra Nevada, Reno, Yuba City, C-10, S-25 |
| 217 | 217 | " " Lake Tahoe, Reno, Folsom Lake, Sierra Nevada, S-20 |
| 218 | 218 | " " " Sierra Nevada, Walker Lake, C-10, S-25 |
| 219 | 219 | " " Walker Lake, Mono Lake, Sierra Nevada, Yosemite N. P. |
| 220 | 220 | " " Mono Lake, Sierra Nevada, Yosemite N. P., White Mts. |
| 221 | 221 | " " Bishop Oasis, Owens R., Sierra Nevada, S-15 |
| 222 | 222 | " " Owens R., Owens Lake, Inyo Mts., Saline Valley, S-10 |
| 223 | 223 | " " Death Valley, Panamint Range, Inyo Mts. |
| 224 | 224 | " " Las Vegas, Spring Mts., Amargosa Range |
| 225 | 225 | " " Ariz., Las Vegas, Spring Mts., New York Mts., Soda Lake |
| 226 | 226 | " " Colorado R., Lake Mojave, Soda Lake, Kingman |
| 227 | 227 | " " " " " Needles, Gold Road, Havasu Lake |
| 228 | 228 | " Ariz., Colorado R., Havasu Lake, Parker, Bill Williams R. |
| 229 | 229 | " " Blythe, Parker, Wickenburg, Gila R., Colorado R. |
| 230 | 230 | Ariz., Phoenix, Gilf Bend, Gila R., Dateland |
| 231 | 231 | " Sonora, Ajo, Gila Bend, Casa Grande, Organ Pipe Cactus, N. M |
| 232 | 232 | " " Cerro Pinacate, Ajo, Comobabi Mts., Santa Cruz R. |
| 233 | 233 | " " Tucson, Pima Pits, Kitt Peak, Cerro Cozon |
| 234 | 234 | " " Pima Pits, Nogales, Green Valley, Altar R. |
| 235 | 235 | " " Nogales, Patagonia, Rio Alisos |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 236 | SL4-76-236 | Ariz., Sonora, Rio Alisos, Cananea, Magdalena |
| 237 | 237 | Sonora, Novillo Res., Hermosillo, Rio Nonora |
| 238 | 238 | " Guymas, Obregon Res., Novillo Res., Hermosillo, BREAK IN PASS |
| 239 | 239 | BREAK IN PASS, Mexico, Puebla, Tlaxcala, Vera Cruz, Malinche Vol., C-45 |
| 240 | 240 | Puebla, Tlaxcala, Vera Cruz, Malinche Vol., Puebla, Orizaba Vol., C-35 |
| 241 | 241 | Oaxaca, Vera Cruz, Puebla, Vera Cruz, Orizaba Vol., Malinche Vol., C-25 |
| 242 | 242 | " " " " " Cordoba, Orizaba Volcano, C-25 |
| 243 | 243 | " " " Vera Cruz, Aleman Res., Tierra Blanca, C-30 |
| 244 | 244 | " " " Rio Playa, Vincente, Cosamaloapan, C-30 |
| 245 | 245 | " " " Rio Cajonos, Isthmus of Tehuantepec, C-60 |
| 246 | 246 | " " " Isthmus of Tehuantepec, Ixtepec, C-50 |
| 247 | 247 | " Chiapas, Mar Muerto, Caluna Inferior, Union Hidalgo, C-30 |
| 248 | 248 | " " " Tonaia, Cintalapa, C-25 |
| 249 | 249 | Chiapas, Tuxla Gutierrez, Mar Muerto, Pijijapan, C-30 |
| 250 | 250 | " Tapachula, Rio Grijalva, C-30 |
| 251 | 251 | Mexico (Chiapas), Guatemala, Tapachula, Tuxla Chico, Champerico, C-35 |
| 252 | 252 | " " " Tiquisate, C-50 |
| 253 | 253 | Guatemala, Tiquisati, La Gomera, C-55 |
| 254 | 254 | " La Gomera, San Jose, C-60 |
| 255 | 255 | " Pacific O., C-60 |
| 256 | 256 | Pacific O. off Central America, C-60 |
| 257 | 257 | " " " " " C-40 |
| 258 | 258 | " " " " " C-30 |
| 259 | 259 | " " " " " " |
| 260 | 260 | " " " " " C-20 |
| 261 | 261 | " " " " " C-10 |
| 262 | 262 | " " " " " BREAK IN PASS |
| 263 | 263 | " " " Ecuador C-45 |
| 264 | 264 | " " " C-55 |
| 265 | 265 | Ecuador, Cabo Pasada, Cabo San Francisco, C-30 |
| 266 | 266 | " " " " " C-60 |
| 267 | 267 | " " " Quevedo, C-90 |
| 268 | 268 | " Latacunga, Quevedo, C-85 |
| 269 | 269 | " " " Rio Pastaza, C-80 |
| 270 | 270 | " Rio Pastaza, C-85 |
| 271 | 271 | " Rio Morona, Rio Santiago, C-80 |
| 272 | 272 | " Peru, Rio Morona, Rio Santiago, C-75 |
| 273 | 273 | " Rio Santiago, C-65 |
| 274 | 274 | Peru, Rio Morona, Rio Maranon, C-65 |
| 275 | 275 | " Rio Maranon, Rio Huallaga, C-50 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 276 | SL4-76-276 | Peru, Rio Ucayali (Amazon), Rio Blanco, C-70 |
| 277 | 277 | " " " " " " C-70 |
| 278 | 278 | " Brazil, Rio Ucayali (Amazon), C-90 |
| 279 | 279 | " " Rio Jurna, C-80 |
| 280 | 280 | " " Rio Alta Yurua, C-80 |
| 281 | 281 | " " " " " " " " |
| 282 | 282 | " " Rio Alta Purns, C-85 |
| 283 | 283 | " Rio Madre De Dios, Rio Alto Madre De Dios, C-85 |
| 284 | 284 | " Bolivia, Rio Tambopata, Rio Madre De Dios, C-85 |
| 285 | 285 | " " C-90 |
| 286 | 286 | Bolivia, Rio Beni, C-92 |
| 287 | 287 | " Cordillera Real, La Paz |
| 288 | 288 | " La Paz, Cordillera Real, C-90 |
| 289 | 289 | " Cordillera Real, C-90 |
| 290 | 290 | " Ventilla, C-80 |
| 291 | 291 | " Cordillera Centra, Rio Caine, C-60 |
| 292 | 292 | " Aiquile, Torotoro, Cordillera Central, Rio Mizque, C-40 |
| 293 | 293 | " Sucre, Rio Chico, Cordillera Central, C-35 |
| 294 | 294 | " Potosi, Rio Chico, Cordillera Central, C-40 |
| 295 | 295 | " Rio Pilcomayo, Potosi, C-40 |
| 296 | 296 | " " " " " " Monteagudo, C-35 |
| 297 | 297 | " " " " " " Villa Montes, Santa Rosa, C-30 |
| 298 | 298 | " Argentina, Paraguay, Rio Pilcomayo, Sierrina Aguaraque, C-30 |
| 299 | 299 | " " " " " " C-35 |
| 300 | 300 | " " " " " " Santa Maria, C-30 |
| 301 | 301 | " " " " " " C-25 |
| 302 | 302 | Paraguay, Argentina, Rio Pilcomayo, C-25 |
| 303 | 303 | " " " " " " Fortin Pilcomayo, C-30 |
| 304 | 304 | " " " " " " Rio Confuso, Las Lomitas, C-30 |
| 305 | 305 | " " " " " " Pozo Del Tigre, C-30 |
| 306 | 306 | " " " " " " Palo Santo, C-20 |
| 307 | 307 | " " " " " " Formosa, Rio Paraguay, C-35 |
| 308 | 308 | " " " " " " Rio Paraguay, Rio Parana, Formosa, C-45 |
| 309 | 309 | " " " " " " Rio Parana, Posadas, Encarnicion, C-55 |
| 310 | 310 | Argentina, Brazil, Rio Uruguay, Sao Borja, C-65 |
| 311 | 311 | Brazil, Rio Ibicui, C-80 |
| 312 | 312 | " Cochoeira, Rio Jacui, C-60 |
| 313 | 313 | " Pelotas, Rio Camacua, C-60 |
| 314 | 314 | " " Lagoa Dos Patos, Sao Lourenco Do Sul, END EREP PASS 45 |
| 315 | 315 | BEGIN EREP PASS #47, Pacific O. off Wash., darkness |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 316 | SL4-76-316 | Pacific O. off Wash., darkness |
| 317 | 317 | " " " " " |
| 318 | 318 | " " " " " |
| 319 | 319 | " " " " C-90 |
| 320 | 320 | " " " " C-95 |
| 321 | 321 | " " " " C-93 |
| 322 | 322 | " " " " C-88 |
| 323 | 323 | " " " " C-94 |
| 324 | 324 | " " " " C-95 |
| 325 | 325 | " " " " C-92 |
| 326 | 326 | " " " " C-97 |
| 327 | 327 | " " " " C-100 |
| 328 | 328 | " " " " " |
| 329 | 329 | Ore., C-100 |
| 330 | 330 | " " |
| 331 | 331 | " C-96 |
| 332 | 332 | " Cascade Range, C-90 |
| 333 | 333 | " Paulina Lake, C-80 |
| 334 | 334 | " " " " |
| 335 | 335 | " Harney Lake, Burns, S-15, C-60 |
| 336 | 336 | " " " Malheur Lake, Burns, S-50, C-40 |
| 337 | 337 | " Idaho, Snake R., Owyhee R., Harney Lake, Malheur L., C-20, S-30 |
| 338 | 338 | " " " " Alvord Deser, S-30, C-10 |
| 339 | 339 | Idaho, Nev., Ore., Snake R., Owyhee R., Jordan Valley, S-60 |
| 340 | 340 | " " " " " " " Bruneau, S-70 |
| 341 | 341 | " " Snake R., Bruneau R., Chicken Creek, S-70, C-10 |
| 342 | 342 | Utah, Idaho, Nev., Wells, Jackpot, Copper Mt., C-10, S-70 |
| 343 | 343 | " Nev., Idaho, Great Salt Desert, Bonneville Salt Flats, S-60 |
| 344 | 344 | " " Great Salt Lake, Ogden, Wendover, Bonneville Salt Flats, |
| 345 | 345 | " Great Salt Lake, Salt Lake City, Tooele, Ogden, S-60 |
| 346 | 346 | " " " " " " Lake Utah, Provo, Ogden, S-90 |
| 347 | 347 | " Lake Utah, Provo, Wasatch Mts., Jordan R., S-100 |
| 348 | 348 | " Wasatch Mts., Green R., Uinta Basin, S-100, C-30 |
| 349 | 349 | " Green R., Moab, Dead Horse Point, Canyonlands N. P., S-100, C-35 |
| 350 | 350 | " Colo., Moab, Colorado R., Arches N. P., Grand Junction, S-100 |
| 351 | 351 | Colo., Utah., Colorado R., Grand Junction, Delta, Cunnison R., Paradox |
| 352 | 352 | " " Uncompaghre Plateau, San Juan Mts., Durango, S-100 |
| 353 | 353 | " Durango, Vallecito Lake, Rio Grande R., Creede, S-100, C-10 |
| 354 | 354 | " N. M., Vallecito Lake, Rio Grande R., San Luis Valley, S-100 |
| 355 | 355 | " " Conejos R., Antonito, Spectacle Lake, San Luis Valley |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 356 | SL4-76-356 | Colo., N. M., San Luis Valley, Manassa, Gangre De Cristo Mts., S-70 |
| 357 | 357 | " " " Rio Grande, Sangre De Cristo Mts., Wagon Mound, S-30 |
| 358 | 358 | N. M., Springer, Conchas Lake, Canadian R., S-10 |
| 359 | 359 | " " Ute Lake, Conchas Lake, Tucumcari, Logan |
| 360 | 360 | " " Tex., Ute Lake, Tucumcari, Clovis, Portales |
| 361 | 361 | " " " Muleshoe, Clovis, Hereford, Dimmitt |
| 362 | 362 | Tex., Hereford, Lubbock, Littlefield, Plainview |
| 363 | 363 | " Lubbock, Plainview, Levelland, Prairie Dog Town Fork |
| 364 | 364 | " " Caprock Escarpment, Brazos R., Borden |
| 365 | 365 | " Brazos R., Snyder, Aspermont, Spur |
| 366 | 366 | " Abeline, Buffalo Gap, Sweetwater, Colorado City |
| 367 | 367 | " " Brownwood, Coleman, Breckenridge |
| 368 | 368 | " Brownwood, Brady, San Saba, De Leon, Coleman |
| 369 | 369 | " Killeen, Ft. Hood, LBJ Lake, Inks Lake, Colorado R. |
| 370 | 370 | " Austin, Killeen, LBJ Lake, Travis Lake, Colorado R. |
| 371 | 371 | " " Temple, Taylor, Colorado R., Killeen |
| 372 | 372 | " " Colorado R., Columbus, Brazos R., END EREP PASS #47 |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. A4 CAMERA Itek 6-lens Multispectral LENS 150-mm FILM TYPE SO-356
 FILM DESCRIPTION Ektachrome High Definition
Aerial FILM WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 1 | SL4-A4-001 | BEGIN EREP PASS #46, Pacific O. off Oregon, C-85 |
| 2 | 002 | Pacific O. off Oregon, C-80 |
| 3 | 003 | Oregon, Roseburg, C-90 |
| 4 | 004 | " " " |
| 5 | 005 | " Crater Lake, Crescent Lake, C-80 |
| 6 | 006 | " Calif, Tule Lake, Klamath Lake, Crater Lake, S-40, C-60 |
| 7 | 007 | " Lake Albert, Klamath Lake, Tule Lake, C-40, S-15 |
| 8 | 008 | Nev., Calif., Ore., Goose Lake, Lake Albert, Summer Lake, S-30, C-20 |
| 9 | 009 | " Ore., Calif., " " " " Blue Joint Lake, S-25 |
| 10 | 010 | " " Black Rock Desert, Quinn R., S-30 |
| 11 | 011 | " " Winnemucca, Humboldt R., Pine Forest Range, S-40 |
| 12 | 012 | " Winnemucca, Humboldt R., Santa Rosa Range, S-60, C-10 |
| 13 | 013 | " Humboldt R., Winnemucca, Battle Mountain, S-70, C-30 |
| 14 | 014 | " " Battle Mountain, Shoshone Mt., S-80, C-40 |
| 15 | 015 | " Toiyabe Range, Dry Lake, S-80, C-70 |
| 16 | 016 | " Schell Creek Range, Long Valley, S-80, C-50 |
| 17 | 017 | Utah, Nev., Schell Creek Range, Ely, Ward Mt., S-80, C-40 |
| 18 | 018 | " " Sevier Lake, Snake Range, Fortification Range, S-100 |
| 19 | 019 | " Sevier Lake, Cedar City, Beaver, S-100, C-40 |
| 20 | 020 | " Cedar City, Bryce Canyon, Zion Canyon, S-100, C-60 |
| 21 | 021 | " Ariz., Lake Powell, Page, Kaibab Plateau, Colorado P., S-80 |
| 22 | 022 | " " " " Colorado R., Page, Marble Canyon, S-70 |
| 23 | 023 | " " " " " " Black Mesa, Tuba City, S-75 |
| 24 | 024 | Ariz., Black Mesa, Keams Canyon, Orairi, S-60, C-40 |
| 25 | 025 | " N. M., Puerco R., S-60, C-50 |
| 26 | 026 | " " " " " Fence Lake, S-40, C-50 |
| 27 | 027 | " " " " " Rio San Jose, Grants, S-20, C-75 |
| 28 | 028 | N. M., Rio Grande, Belem, Ladron Mts., Gallinas Mts., S-20, C-50 |
| 29 | 029 | " " " " Socorro, Elephant Buttes Res., Magdalena Mts. |
| 30 | 030 | " " " " Trinity Site, Malpass Lava Flow |
| 31 | 031 | " " Trinity Site, White Sands, Sacramento Mts. |
| 32 | 032 | " " White Sands, Alamogordo, Sacramento Mts. |
| 33 | 033 | " " Tex., Guadalupe Mts., Carlsbad, Pecos R. |
| 34 | 034 | " " " Carlsbad, Guadalupe Mts., Red Bluff Lake, Pecos R. |
| 35 | 035 | Tex., N. M., Pecos, Pecos R., Red Bluff Lake |

NOTE: Roll Ends at Frame
 A3 433
 A5 455
 A6 457
 (A4) 462
 A2 471
 A1 484

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 36 | SL4-A4-036 | Tex., N. M., Red Bluff Lake, Pecos, Pecos R., Ft. Stockton |
| 37 | 037 | " Ft. Stockton, Pecos, Monahans, McCamey |
| 38 | 038 | " " " McCamey, Rio Grande, Big Bend Nat. Park |
| 39 | 039 | " Coahuila, Rio Grande, Big Bend Nat. Park, Pecos R. |
| 40 | 040 | " " " " Amistad Lake, Del Rio, Eagle Pass |
| 41 | 041 | " " Eagle Pass, Carrizo Spgs, Uvalde, Rio Grande |
| 42 | 042 | " Nuevo Leon, Tamaulipas, Laredo, Nuevo Laredo, Rio Grande |
| 43 | 043 | " Tamaulipas, Renosa, McAllen, Rio Grande, C-35 |
| 44 | 044 | " " Rio Grande, Laguna Madre, C-70 |
| 45 | 045 | Gulf of Mexico, C-80 |
| 46 | 046 | " " " C-25 |
| 47 | 047 | " " " C-40 |
| 48 | 048 | " " " C-40 |
| 49 | 049 | " " " C-30 |
| 50 | 050 | " " " C-35 |
| 51 | 051 | Mexico (Campeche), Champoton, C-50 |
| 52 | 052 | " " Campeche, Champoton, C-65 |
| 53 | 053 | " " " Noh Laguna, C-60 |
| 54 | 054 | " " Guatemala, Chumpinch, Dos Lagunas, C-70 |
| 55 | 055 | " " Quintana Roo, Guatemala, Belize, Tikal, C-70 |
| 56 | 056 | " " " " " " Belize City, C-65 |
| 57 | 057 | Guatemala, Belize, Tikal, Lago Paten Itza, Stann Creek, C-60 |
| 58 | 058 | " " Stann Creek, Boon Town, Puerto Barrios, C-25 |
| 59 | 059 | Honduras, Guatemala, Belize, San Pedro Sula, Puerto Barrios, C-30 |
| 60 | 060 | " " San Pedro Sula, Puerto Cortez, La Ceiba, Tela, G-15 |
| 61 | 061 | " Tegucigalpa, El Progreso, Lago Yojoa, Yoro, Talanga, C-30 |
| 62 | 062 | " " Talanga, Yoro, Juticalpa, C-50 |
| 63 | 063 | " Nicaragua, Tegucigalpa, Juticalpa Danli, Ocotal, C-60 |
| 64 | 064 | " " Metagalpa, Ocotal, Rio Coco, C-55 |
| 65 | 065 | Nicaragua, Metagalpa, Rio Metagalpa, Boago, C-55 |
| 66 | 066 | " Boago, Juigalpa, Rio Metagalpa, Lago Nicaragua, C-55 |
| 67 | 067 | " Lago Nicaragua, Juigalpa, Rama, Rio Mico, C-60 |
| 68 | 068 | " Costa Rica, Rio San Juan, Punta Mico, Lake Nicaragua, C-50 |
| 69 | 069 | " " " Lago Nicaragua, Rio San Juan, Punta Mico, C-60 |
| 70 | 070 | Costa Rica, Nicaragua, Rio San Juan, San Juan Del Norte, C-70 |
| 71 | 071 | " " C-90 |
| 72 | 072 | " " Rio Grande De Terraba, C-95 |
| 73 | 073 | " " Panama, C-95 |
| 74 | 074 | " " " Isla Parida, C-75 |
| 75 | 075 | Panama, Isla Coiba, Isla Parida, Santiago, Golfo Montijo, C-50 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 76 | SL4-A4-076 | Panama, Isla Coiba, Golfo Montijo, Pen. De Azuero, C-40 |
| 77 | 077 | " Pen. De Azuero, Isla Coiba, C-60 |
| 78 | 078 | " " " " C-55, BREAK IN PASS |
| 79 | 079 | Pacific O., C-100 |
| 80 | 080 | BREAK IN PASS, Pacific O. off Colombia, C-60 |
| 81 | 081 | Pacific O. off Colombia, C-65 |
| 82 | 082 | " " " " C-60 |
| 83 | 083 | " " " " C-50 |
| 84 | 084 | Colombia, Isla Aji, Isla San Jose, C-50 |
| 85 | 085 | " " " Cordillera Occidental, C-70 |
| 86 | 086 | " Rio Cuaco, Rio Patiz, C-80 |
| 87 | 087 | " " " " C-90 |
| 88 | 088 | " Ecuador, Rio Putomayo, C-80 |
| 89 | 089 | " " " C-75 |
| 90 | 090 | " " Peru, Rio Putumayo, C-80 |
| 91 | 091 | " Peru, Rio Putumayo, C-85 |
| 92 | 092 | " " " " " " |
| 93 | 093 | " " " " " BREAK IN PASS |
| 94 | 094 | BREAK IN PASS, Colombia, Peru, Rio Amazon, C-75 |
| 95 | 095 | Peru, Rio Amazon, C-80 |
| 96 | 096 | " Brazil, Rio Amazon, C-80 |
| 97 | 097 | Brazil, Rio Itacuai, C-80 |
| 98 | 098 | " Rio Jurua, C-85 |
| 99 | 099 | " " " " |
| 100 | 100 | " " " C-90 |
| 101 | 101 | " Rio Puras, C-90 |
| 102 | 102 | " " " C-95 |
| 103 | 103 | " " " C-97 |
| 104 | 104 | " Bolivia, Rio Abuna, C-96 |
| 105 | 105 | " " " " C-95 |
| 106 | 106 | " " Rio Madre De Dios, C-90 |
| 107 | 107 | " " " " " C-85 |
| 108 | 108 | " " " " " C-90 |
| 109 | 109 | " " Rio Beni, Rio Guapore, C-85 |
| 110 | 110 | " " " " C-90 |
| 111 | 111 | " " Rio Nemore, C-85 |
| 112 | 112 | " " " " " |
| 113 | 113 | Bolivia, Rio San Miguel, Lago San Luis, C-80 |
| 114 | 114 | " " " " " " " |
| 115 | 115 | " " " " " " C-75 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 116 | SL4-A4-116 | Bolivia, Rio San Pablo, C-80 |
| 117 | 117 | " " " " C-75 |
| 118 | 118 | " Lago Concepcion, C-70 |
| 119 | 119 | " " " " " |
| 120 | 120 | " Rio Grande, C-70 |
| 121 | 121 | " " " Pocitas, C-70 |
| 122 | 122 | " " " " C-75 |
| 123 | 123 | " " " C-75 |
| 124 | 124 | " Laguna Concepcion, C-75 |
| 125 | 125 | " Rio San Rafael, Serriana, Santiago, C-75 |
| 126 | 126 | " Serriana, Santiago, Rio San Rafael, C-75 |
| 127 | 127 | " " " C-70 |
| 128 | 128 | " Paraguay, Serriana, Santiago, C-70 |
| 129 | 129 | Paraguay, Bolivia, Rio Lateriquique, C-70 |
| 130 | 130 | " " Brazil, Rio Paraguay, Rio Lateriquique, C-65 |
| 131 | 131 | Brazil, Paraguay, Rio Paraguay, Puerto Volundad, C-70 |
| 132 | 132 | " " Puerto Murtinho, Puerto Sastre, C-70 |
| 133 | 133 | " " Puerto Casado, Puerto Sastre, C-70 |
| 134 | 134 | " " Rio Paraguay, Puerto Casado, C-70 |
| 135 | 135 | " " Loreto, Rio Paraguay, C-70 |
| 136 | 136 | " " Rio Ypane, C-75 |
| 137 | 137 | " " Capitan Bado, C-75 |
| 138 | 138 | " " Rio Parana, Igatimi, C-70 |
| 139 | 139 | " " " " C-70 |
| 140 | 140 | " Argentina, Paraguay, Iguazu Falls, Rio Parana, C-60 |
| 141 | 141 | " " " " " " " Rio Iguazu, C-65 |
| 142 | 142 | " " Rio Pelotas, Rio Iguazu, C-70 |
| 143 | 143 | " " " " C-70 |
| 144 | 144 | " Rio Pelotas, Epechim, C-70 |
| 145 | 145 | " " " Chapeco, C-75 |
| 146 | 146 | " " " Joacaba, C-75 |
| 147 | 147 | " " " Lagoa Vermelfia, C-80 |
| 148 | 148 | " Serra Geral, Rio Pelotas, C-80 |
| 149 | 149 | " Torres, Serra Geral, C-70 |
| 150 | 150 | " " C-35 |
| 151 | 151 | " Atlantic O., C-35 |
| 152 | 152 | " " " C-50 |
| 153 | 153 | " " " C-55, BREAK IN PASS |
| 154 | 154 | BREAK IN PASS, Atlantic O., C-50 |
| 155 | 155 | Atlantic O., C-80 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 156 | SL4-A4-156 | Atlantic O., C-90 |
| 157 | 157 | " " C-95 |
| 158 | 158 | " " C-100 |
| 159 | 159 | " " " |
| 160 | 160 | " " " |
| 161 | 161 | " " " |
| 162 | 162 | " " " |
| 163 | 163 | " " C-98, END EREP PASS #46 |
| 164 | 164 | BEGIN EREP PASS #48, Ore., Idaho, Wash., C-96 |
| 165 | 165 | Idaho, Ore., Wallowa Mts., C-90 |
| 166 | 166 | " " Salmon River Mts., Wallowa Mts., S-100, C-90 |
| 167 | 167 | " Salmon River Mts., S-100, C-96 |
| 168 | 168 | " " " " C-90 |
| 169 | 169 | " " " " C-75 |
| 170 | 170 | " Snake R., Pioneer Mts., Lost River Range, S-100, C-70 |
| 171 | 171 | Utah, Idaho, Snake R., S-100, C-80 |
| 172 | 172 | Wyo., Utah, Idaho, Snake R., S-100, C-80 |
| 173 | 173 | " " " Bear Lake, S-100, C-60 |
| 174 | 174 | " " " Green R., Bear Lake, Fontenelle Lake, S-100, C-60 |
| 175 | 175 | " " Uinta Mts., Rock Springs, Ft. Bridger, S-100, C-40 |
| 176 | 176 | Colo., Wyo., Utah, Green R., Flaming Gorge, Uinta Mts., S-100, C-60 |
| 177 | 177 | " " " Flaming Gorge, Uinta Mts., Green R., Yampa R., S-100 |
| 178 | 178 | " " " Green R., White R., Craig, S-100, C-20 |
| 179 | 179 | " " Meeker, Steamboat Spring., North Park, S-100 |
| 180 | 180 | " Leadville, Aspen, Vail, Steamboat Springs, Granby, S-100, C-20 |
| 181 | 181 | " Denver, Leadville, Vail, Dillon, Climax, S-100, C-30 |
| 182 | 182 | " " Colorado Springs, Pike's Peak, South Park, S-50, C-30 |
| 183 | 183 | " " " Pueblo, Arkansas R., S-40, C-10 |
| 184 | 184 | " Colorado Springs, Pueblo, Arkansas R., La Junta, S-20, C-10 |
| 185 | 185 | " La Junta, Arkansas R., Lamar, Purgatoire R., S-10, C-10 |
| 186 | 186 | " Kan., N. M., Okla., Arkansas R., Springfield, Syracuse, C-10 |
| 187 | 187 | " " Okla., N. M., Tex., Cimmaron R., Boise City, S-10, C-10 |
| 188 | 188 | Kan., Okla., Tex., Liberal, Cimmaron R., Ulysses, C-25 |
| 189 | 189 | " " " " Canadian R., C-55 |
| 190 | 190 | " Tex., Okla., Canadian R., Laverne, Canadian, C-70 |
| 191 | 191 | Okla., Tex., Canadian R., Elk City, Clinton, C-65 |
| 192 | 192 | " Canadian R., Anadarko, Wichita Mts., C-40 |
| 193 | 193 | " Okla. City, Lawton, Chickasha, Wichita Mts., C-25 |
| 194 | 194 | " Lawton, Norman, Chickasha, Duncan, C-20 |
| 195 | 195 | " Tex., Red R., Ardmore, Arbuckle Mts., Canadian R., C-10 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 196 | SL4-A4-196 | Tex., Okla., Lake Texoma, Durant, Dallas, Denison, Ardmore |
| 197 | 197 | " " " " Dallas, Sherman, Greenville |
| 198 | 198 | " " Dallas, Paris, Greenville |
| 199 | 199 | " Tyler, Longview, Kilgore, Gladewater, Marshall |
| 200 | 200 | " " " Palestine, Marshall |
| 201 | 201 | " La., Marshall, Shreveport, Nacogdoches, Lake Rayburn |
| 202 | 202 | " " Lake Rayburn, Toledo Bend Lake, Nacogdoches |
| 203 | 203 | " " " " " Lake Charles |
| 204 | 204 | La., Alexandria, Red R., Lake Charles, Lafayette |
| 205 | 205 | " Lafayette, Abbeville, Vermillion Lake, Atchafalaya R. |
| 206 | 206 | " " New Iberia, Atchafalaya R., Silt |
| 207 | 207 | " Vermillion Bay, Morgan City, Atchafalaya Bay, silt |
| 208 | 208 | " Grand Isle, Houma, Offshore oil rigs, C-10 |
| 209 | 209 | " " Offshore oil rigs, C-40 |
| 210 | 210 | Gulf of Mexico, C-70 |
| 211 | 211 | " " " C-85 |
| 212 | 212 | " " " C-75 |
| 213 | 213 | " " " C-40 |
| 214 | 214 | " " " C-20 |
| 215 | 215 | " " " C-25 |
| 216 | 216 | " " " C-35 |
| 217 | 217 | " " " C-30 |
| 218 | 218 | " " " " |
| 219 | 219 | " " " " |
| 220 | 220 | " " " C-35 |
| 221 | 221 | Cuba (Pinar Del Rio), Golfo De Guanahacabibes, C-20 |
| 222 | 222 | " " " " " Cabo Corrientes, C-20 |
| 223 | 223 | " " " " Cabo Corrientes, Isla Del Pinos, C-15 |
| 224 | 224 | " Isla Del Pinos, Golfo De Bajabano, C-15 |
| 225 | 225 | " " " " Arch. De Los Canarreos, C-20 |
| 226 | 226 | Caribbean Sea, C-35 |
| 227 | 227 | " " C-30 |
| 228 | 228 | Gran Cayman, C-30 |
| 229 | 229 | " " " |
| 230 | 230 | Caribbean Sea, C-20 |
| 231 | 231 | " " C-15 |
| 232 | 232 | " " " |
| 233 | 233 | " " C-10 |
| 234 | 234 | " " Rajo Nuevo Reef, C-15 |
| 235 | 235 | " " " " " C-30 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 236 | SL4-A4-236 | Caribbean Sea, C-45 |
| 237 | 237 | " " C-55 |
| 238 | 238 | " " C-45 |
| 239 | 239 | " " C-30 |
| 240 | 240 | " " C-15 |
| 241 | 241 | " " C-10 |
| 242 | 242 | " " |
| 243 | 243 | " " |
| 244 | 244 | " " |
| 245 | 245 | Colombia, Barranquilla, Magdalena R. |
| 246 | 246 | " " " " Santa Marta Vol., C-15 |
| 247 | 247 | " Santa Marta Volcano, Rio Cesar, C-15 |
| 248 | 248 | " Venezuela, Rio Cesar, Serrania Perija, C-20 |
| 249 | 249 | " " Serrania Perija, Cienaga De Zapatoza, C-50 |
| 250 | 250 | " " " " C-80 |
| 251 | 251 | " " C-95 |
| 252 | 252 | " " Rio Poradas, Rio Arauca, C-30 |
| 253 | 253 | " " Rio Casanare, El Socorro, C-15 |
| 254 | 254 | " Rio Meta, Rio Cravo Norte, C-25 |
| 255 | 255 | " Rio Vichada, C-40 |
| 256 | 256 | " Rio Guaviare, C-80 |
| 257 | 257 | " " Brazil, Rio Casiquaire, Rio Negro, C-85 |
| 258 | 258 | " " " C-95 |
| 259 | 259 | Brazil, C-100 |
| 260 | 260 | " C-99 |
| 261 | 261 | " Rio Japura, C-70 |
| 262 | 262 | " Lago Amana, " |
| 263 | 263 | " Rio Amazon, C-60 |
| 264 | 264 | " " " Lago Coari, C-55 |
| 265 | 265 | " Rio Puras, C-60 |
| 266 | 266 | " Rio Madeira, Manicore, C-55 |
| 267 | 267 | " Rio Aripuana, C-50 |
| 268 | 268 | " " " " |
| 269 | 269 | " Rio Juruena, C-45 |
| 270 | 270 | " Rio Arinos, C-75 |
| 271 | 271 | " " " C-50 |
| 272 | 272 | " Serra Dos Caiabis, Rio Arinos, Rio Teles Pires, C-55 |
| 273 | 273 | " Rio Teles Pires, Serra Formosa, C-45 |
| 274 | 274 | " Serra Azul, C-40 |
| 275 | 275 | " Rio Das Mortes, C-70 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 276 | SL4-A4-276 | Brazil, Rio Araguaia, C-65 |
| 277 | 277 | " Serra Caiapo, C-75 |
| 278 | 278 | " Rio Corrente, Rio Claro, C-65 |
| 279 | 279 | " Rio Grande, Rio Paranaiba, C-35 |
| 280 | 280 | " " Fernandopolis, C-40 |
| 281 | 281 | " Rio Tiete |
| 282 | 282 | " " Bauru, C-45 |
| 283 | 283 | " Sao Paulo, Campinas, C-50 |
| 284 | 284 | " Santos, Ilha Sao Sebastiao, C-35, END EREP PASS #48 |
| 285 | 285 | BEGIN EREP PASS #49, Pacific O. West of Wash., C-95 |
| 286 | 286 | Pacific O. West of Wash., C-90 |
| 287 | 287 | " " " " C-50 |
| 288 | 288 | " " " " C-30 |
| 289 | 289 | " " " " C-15 |
| 290 | 290 | " " " " " |
| 291 | 291 | " " " " " |
| 292 | 292 | " " " " " |
| 293 | 293 | " " " " " |
| 294 | 294 | " " " " " |
| 295 | 295 | " " " " " |
| 296 | 296 | " " " " " |
| 297 | 297 | " " " " " |
| 298 | 298 | " " " " " |
| 299 | 299 | " " " " " |
| 300 | 300 | " " " " " |
| 301 | 301 | " " " " " |
| 302 | 302 | " " " " C-25 |
| 303 | 303 | " " " " C-40 |
| 304 | 304 | " " " " C-50 |
| 305 | 305 | " " " " C-40 |
| 306 | 306 | " " " " " |
| 307 | 307 | " " " " C-30 |
| 308 | 308 | " " " " " |
| 309 | 309 | " " " " " |
| 310 | 310 | " " " " C-20 |
| 311 | 311 | " " " " " |
| 312 | 312 | " " " " C-15 |
| 313 | 313 | " " " " C-18 |
| 314 | 314 | " " " " C-25 |
| 315 | 315 | " " " " BREAK IN PASS |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, E. C. |
|--------------|-------------|---|
| 316 | SL4-A4-316 | BREAK IN PASS, Ore., Idaho, Wash., C-100 |
| 317 | 317 | Ore., Wash., Idaho, C-100 |
| 318 | 318 | " " " " |
| 319 | 319 | Idaho, Mont., C-100 |
| 320 | 320 | " " " " |
| 321 | 321 | " " " " |
| 322 | 322 | " " " " |
| 323 | 323 | Wyo., Idaho, Mont., C-100 |
| 324 | 324 | " " " " |
| 325 | 325 | " " " " |
| 326 | 326 | Wyo., C-100 |
| 327 | 327 | " " |
| 328 | 328 | " " |
| 329 | 329 | " Laramie Range, C-95 |
| 330 | 330 | " Medicine Bow Mts., C-90 |
| 331 | 331 | " Laramie, C-90 |
| 332 | 332 | Colo., Neb., Wyo., Scottsbluff, North Platte R., C-80 |
| 333 | 333 | " " " Sterling, South Platte R., North Platte R., C-70 |
| 334 | 334 | " " " South Platte R., Lodgepole Creek, Sidney, C-50 |
| 335 | 335 | Kan., Neb., Colo., S. Platte R., Lodgepole Creek, Julesburg, C-30 |
| 336 | 336 | " " St. Francis, Republican R., McCook, C-20 |
| 337 | 337 | " " McCook, Republican R., C-40 |
| 338 | 338 | " Norton, Prairie Dog Creek, C-50 |
| 339 | 339 | " Hays, Russell, Smoky Hill R., C-65 |
| 340 | 340 | " Smoky Hill R., Russell, Hays, C-70 |
| 341 | 341 | " Kanapolis Res., Smoky Hill R., C-70 |
| 342 | 342 | " Wichita, Wellington, Newton, El Dorado, C-30 |
| 343 | 343 | " Okla., Wichita, Arkansas R., Winfield, Ponca City, C-20 |
| 344 | 344 | " " Ponca City, Wichita, Arkansas R., Salt Fork |
| 345 | 345 | Okla., Kan., Tuls., Keystone Res., Ponca City, Bartlesville |
| 346 | 346 | " " Ark., Tulsa, Arkansas R., Bartlesville, Lake of Cherokees |
| 347 | 347 | " Ark., Mo., Muskogee, Ft. Smith, Lake of Cherokees, Fayetteville |
| 348 | 348 | " " Ft. Smith, Fayetteville, Arkansas R., Boston Mts. |
| 349 | 349 | " " Ouichita Mts., Ft. Smith, Arkansas R., Dardanells Res. |
| 350 | 350 | Ark., Little Rock, Arkansas R., Ouichita Mts., Hot Springs |
| 351 | 351 | " " " " " Pine Bluff, Hot Springs |
| 352 | 352 | " Miss., Mississippi R., Little Rock, Pine Bluff, Arkansas R. |
| 353 | 353 | " " La., Mississippi R., Arkansas R., Greenville |
| 354 | 354 | " " Vicksburg, Greenville, Mississippi R., Yazoo R. |
| 355 | 355 | La., Miss., Vicksburg, Mississippi R., Jackson, C-20 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 356 | SL4-A4-356 | Miss., Jackson, Vicksburg, Meridian, Natches Trace, C-70 |
| 357 | 357 | " Ala., Meridian, Hattiesburg, Laurel, C-12 |
| 358 | 358 | Ala., Miss., Hattiesburg, Laurel, Tombigbee R., C-15 |
| 359 | 359 | " " Wiggins, Tombigbee R., Jackson, Alabama R., C-35 |
| 360 | 360 | " " Tombigbee R., Jackson, Alabama R., C-60 |
| 361 | 361 | " Gulf of Mexico, C-90 |
| 362 | 362 | Gulf of Mexico, C-85 |
| 363 | 363 | " " " C-70 |
| 364 | 364 | " " " C-35 |
| 365 | 365 | " " " C-25 |
| 366 | 366 | " " " C-30 |
| 367 | 367 | " " " C-35 |
| 368 | 368 | " " " C-30 |
| 369 | 369 | " " " C-15 |
| 370 | 370 | Fla., Sanibel I., Cape Romano, C-10 |
| 371 | 371 | " Cape Romano, C-10 |
| 372 | 372 | " " " Fla. Keys, Key West, Fla. Bay, C-12 |
| 373 | 373 | " Fla. Keys, Key West, Fla. Bay, Cape Sable, BREAK IN PASS |
| 374 | 374 | Caribbean Sea, C-30 |
| 375 | 375 | " " " |
| 376 | 376 | " C-20 |
| 377 | 377 | " " C-15 |
| 378 | 378 | Colombia, Pen. De Guajira, C-15 |
| 379 | 379 | " Venezuela, Aruba, Pen. De Guajira, Pen. De Paraguara |
| 380 | 380 | " " " " " " " " " " " " |
| 381 | 381 | Venezuela, Pen. De Paraguana, Golfete De Coro, Coro, Gulf of Venezuela |
| 382 | 382 | " Coro, Barquisimeto, Churuguara, C-20 |
| 383 | 383 | " Barquisimeto, San Pablo, Marin, C-20 |
| 384 | 384 | " Valencia, Barquisimeto, Acarigua, C-12 |
| 385 | 385 | " " Lago Valencia, San Carlos |
| 386 | 386 | " Caladozo, Rio Portuguesa |
| 387 | 387 | " " Guarigo Res., Rio Portuguesa, C-15 |
| 388 | 388 | " Rio Orinoco, Rio Ruende, Rio Apure, C-25 |
| 389 | 389 | " " " Rio Apure, Caicara, C-40 |
| 390 | 390 | " " " Caicara, Sabana Siamacu, C-60 |
| 391 | 391 | " Sabana Siamacu, Serrania Guayapu. C-70 |
| 392 | 392 | " Sierra Maagual Ide, C-93 |
| 393 | 393 | " Rio Ventuari, C-90 |
| 394 | 394 | " Brazil, Sierra Usadi-Jidi, C-95 |
| 395 | 395 | " " Serra Parima, C-95 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---------------------------------------|
| 396 | SL4-A4-396 | Venezuela, Brazil, Serra Parima, C-90 |
| 397 | 397 | " " " " C-93 |
| 398 | 398 | " " " " C-90 |
| 399 | 399 | Brazil, Serra Curipaira, C-85 |
| 400 | 400 | " Serras Do Demini, C-85 |
| 401 | 401 | " Rio Demini, C-90 |
| 402 | 402 | " Rio Araga, C-96 |
| 403 | 403 | " C-100 |
| 404 | 404 | " " |
| 405 | 405 | " " |
| 406 | 406 | " " |
| 407 | 407 | " " |
| 408 | 408 | " C-99 |
| 409 | 409 | " C-97 |
| 410 | 410 | " C-100 |
| 411 | 411 | " C-98 |
| 412 | 412 | " Rio Canuma, C-90 |
| 413 | 413 | " Rio Abacaxis, C-85 |
| 414 | 414 | " Rio Tapajos, C-80 |
| 415 | 415 | " " " " |
| 416 | 416 | " " " " |
| 417 | 417 | " " " " |
| 418 | 418 | " " " " |
| 419 | 419 | " " " " |
| 420 | 420 | " " " C-75 |
| 421 | 421 | " " " " |
| 422 | 422 | " " " " |
| 423 | 423 | " " " C-80 |
| 424 | 424 | " " " " |
| 425 | 425 | " Serra Do Cachimbo, C-80 |
| 426 | 426 | " " " " C-85 |
| 427 | 427 | " " " " |
| 428 | 428 | " " " " C-90 |
| 429 | 429 | " " " " |
| 430 | 430 | " " " " |
| 431 | 431 | " " " " |
| 432 | 432 | " " " " |
| 433 | 433 | " " " " END ROLL A3 |
| 434 | 434 | " " " " C-95 |
| 435 | 435 | " " " " C-85 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 436 | SL4-A4-436 | Brazil, Serra Do Cachimbo, C-80 |
| 437 | 437 | " " " " C-75 |
| 438 | 438 | " " " " C-70 |
| 439 | 439 | " " " " " |
| 440 | 440 | " " " " C-65 |
| 441 | 441 | " " " " " |
| 442 | 442 | " " " " " |
| 443 | 443 | " " " " " |
| 444 | 444 | " Rio Xingo, C-65 |
| 445 | 445 | " " " " " |
| 446 | 446 | " " " " " |
| 447 | 447 | " " " " C-70 |
| 448 | 448 | " " " " " |
| 449 | 449 | " " " " " |
| 450 | 450 | " " " " " |
| 451 | 451 | " " " " " |
| 452 | 452 | " " " " C-75, BREAK IN PASS |
| 453 | 453 | BREAK IN PASS, Brazil, Serra Do Roncador, C-65 |
| 454 | 454 | Brazil, Serra Do Roncador, C-65 |
| 455 | 455 | " " " " " BREAK IN PASS, END ROLL A5 |
| 456 | 456 | BREAK IN PASS, Brazil, Rio Das Mortes, C-80 |
| 457 | 457 | Brazil, Rio Das Mortes, C-80 END ROLL A6 |
| 458 | 458 | " " " " " |
| 459 | 459 | " " " " " |
| 460 | 460 | " " " " C-85 |
| 461 | 461 | " " " " " |
| 462 | 462 | " " " " C-90, PARTIAL FRAME ON ROLL A4, END ROLL A4 |
| 463 | 463 | " " " " " |
| 464 | 464 | " " " " " |
| 465 | 465 | " " " " " |
| 466 | 466 | " C-98 |
| 467 | 467 | " " |
| 468 | 468 | " " |
| 469 | 469 | " " |
| 470 | 470 | " " |
| 471 | 471 | " " END ROLL A2 |
| 472 | 472 | " " |
| 473 | 473 | " " |
| 474 | 474 | " " |
| 475 | 475 | " " |

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT DESCRIPTION, LOCATION, ETC.</u> |
|----------------------|---------------------|--|
| 476 | SL4-A4-476 | Brazil, C-98 |
| 477 | 477 | " " |
| 478 | 478 | " " |
| 479 | 479 | " " |
| 480 | 480 | " " |
| 481 | 481 | " " |
| 482 | 482 | " " |
| 483 | 483 | " " |
| 484 | 484 | " " |

END ROLL A1, END EREP PASS #49

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. 4B CAMERA Itek 6-lens Multispectral LENS 150-mm FILM TYPE SO-356
Ektachrome High Definition
 FILM DESCRIPTION Aerial FILM WIDTH 70-mm

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 1 | SL4-4B-001 | BEGIN EREP PASS #50, Pacific O. off Oregon (missing on 4B) |
| 2 | 002 | Pacific O. off Oregon, C-40 |
| 3 | 003 | " " " " " |
| 4 | 004 | " " " " " |
| 5 | 005 | " " " " " |
| 6 | 006 | " " " " C-50 |
| 7 | 007 | " " " " " |
| 8 | 008 | " " " " " |
| 9 | 009 | " " " " " |
| 10 | 010 | " " " " Calif., C-60 |
| 11 | 011 | Ore. Coast, Pacific O., C-80 |
| 12 | 012 | Calif., Ore., Coastal Range, C-80 |
| 13 | 013 | " " " " Pacific O., C-80 |
| 14 | 014 | " Coastal Range, Pacific O., C-80, S-10 |
| 15 | 015 | " Mt. Shasta, Coastal Ranges, Pacific O., C-80, S-10 |
| 16 | 016 | " " " Sacramento R., Coastal Range, C-70, S-10 |
| 17 | 017 | " Sacramento R., Red Bluff, Mt. Shasta, C-50, S-20 |
| 18 | 018 | " Eagle Lake, Honey Lake, Sacramento R., Red Bluff, C-65 |
| 19 | 019 | " Nev., Eagle Lake, Honey Lake, Sacramento R., C-70 |
| 20 | 020 | " " Sierra Nevada, Sacramento Valley, Sacramento R., C-70 |
| 21 | 021 | " " " " C-80, S-10 |
| 22 | 022 | " " " " " " |
| 23 | 023 | " " " " Lahontan Res., C-70, S-10 |
| 24 | 024 | " " East Walker R., " C-50, S-15 |
| 25 | 025 | " " Mono Lake, Walker Lake, Lahontan Res., C-40, S-10 |
| 26 | 026 | " " " " " " " Yerington, C-10 |
| 27 | 027 | " " " " " " Walker R., Bridgeport |
| 28 | 028 | " " " " " " Toiyabe Range |
| 29 | 029 | BREAK IN FLIGHT LINE, Calif., Nev., Ariz., Lake Mead, Las Vegas |
| 30 | 030 | Calif., Nev., Ariz., Lake Mead, Colorado R., Kingman, Chloride |
| 31 | 031 | " " " " " Kingman, Hualapai Mts. |
| 32 | 032 | Ariz., Calif., Colorado R., Kingman, Bagdad, Big Sandy R. |
| 33 | 033 | " Grand Canyon, Kingman, Bagdad, Acquarius Cliffs |
| 34 | 034 | " Segilman, Prescott, Williams, Weaver Mts. |
| | 035 | " Oak Creek Canyon, Prescott, Verde R., Jerome, Sedona |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 36 | SL4-4B-036 | Ariz., Verde R., Phoenix, Mogollon Rim, Prescott |
| 37 | 037 | " Phoenix, Verde R., Salt R., Mazatal Wilderness |
| 38 | 038 | " " Tempe, Salt R., Roosevelt Res., Mogollon Rim |
| 39 | 039 | " " Mesa, Superstition Mts., Salt R., Globe, Tonto Basin |
| 40 | 040 | " Mesa, Globe, Roosevelt Res., San Carlos Res., Hayden |
| 41 | 041 | " San Carlos Res., Miami, San Pedro R., San Manuel, Safford |
| 42 | 042 | " N. M., Gila R., Morenci, Willcox Lake, Klondyke, San Pedro R. |
| 43 | 043 | " " " Willcox Lake, Safford, Gila R., Clifton, Gila Mts. |
| 44 | 044 | " " " " " " " Chiricahua Mts. |
| 45 | 045 | " " " Lordsburg, Playas Valley, Chiricahua Mts., Alkali Flats |
| 46 | 046 | " " " Chiricahua Mts., Playas Valley, Lordsburg, Rodeo |
| 47 | 047 | " " " Mexico (Sonora-Chihuahua), Playas Lakes, Rio Casas Grandes |
| 48 | 048 | N. M., Ariz., Mexico (Chihuahua-Sonora), Rio Casas Grandes |
| 49 | 049 | " " Mexico (Chihuahua-Sonora), Lago Guzman, Llanos De Carretas |
| 50 | 050 | Mexico (Chihuahua), Nuevo Casas Grandes, Laguna De Patos, Cerro Noria |
| 51 | 051 | " " " " " " " Cerro Noria, Villa Ahumada |
| 52 | 052 | " " " " " " " Rio Del Carman, Sierra Del Nido, Rio Santa Maria |
| 53 | 053 | " " " " " " " Sierra Del Nido, Laguna De Encinillas, Cerro Coyote |
| 54 | 054 | " " " " " " " " " " " |
| 55 | 055 | " " " Chihuahua, Sierra Del Nido, Sierra De La Tasajera |
| 56 | 056 | " " " " " " " " " " " |
| 57 | 057 | " " " " " " " Aldama, Rio Conchos, Laguna Del Cuervo |
| 58 | 058 | " " " " " " " Delicias, Rio Conchos, Chilicote |
| 59 | 059 | " " " " " " " Delicias, Rio Conchos, |
| 60 | 060 | " " " " " " " " " " " |
| 61 | 061 | " " " " " " " Bolson De Mapimi, Llanos De Los Carallos Mestenos |
| 62 | 062 | " " " " " " " , Coahuila, Laguna De Los Frailes, Bolson De Mapimi |
| 63 | 063 | " " " " " " " Esmeralda |
| 64 | 064 | " " " " " " " Durango, Sierra Del Tlahualilo |
| 65 | 065 | " " " " " " " " " " " |
| 66 | 066 | " (Durango-Coahuila), Sierra Del Alamos |
| 67 | 067 | " (Coahuila), Sierra Madre Oriental, Cuatrociénegas |
| 68 | 068 | " " " " " " " Nuevo Leon) Parras, Sierra Madre Oriental |
| 69 | 069 | " " " " " " " " " " " |
| 70 | 070 | " " " " " " " Zacatecas) Saltillo, Sierra Madre Oriental |
| 71 | 071 | " " " " " " " " " " " |
| 72 | 072 | " " " " " " " " " " " |
| 73 | 073 | " " " " " " " " " " " |
| 74 | 074 | " " " " " " " San Luis Potosi) Sierra Madre Oriental |
| 75 | 075 | " " " " " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 76 | SL4-4B-076 | Mexico (Nuevo Leon-San Luis Potosi-Tamaulipas) Sierra Madre Oriental |
| 77 | 077 | " " " Tamaulipas) Ciudad Victoria, Rio Blanco, C-10 |
| 78 | 078 | " " " " " " C-20 |
| 79 | 079 | " " " " " " C-40 |
| 80 | 080 | " (Tamaulipas-San Luis Potosi) Sierra Madre Oriental, C-40 |
| 81 | 081 | " (San Luis Potosi-Tamaulipas) " " " C-60 |
| 82 | 082 | " " " " " , Vera Cruz) Tampico, C-60 |
| 83 | 083 | " " " " " " Laguna Tamiahua, C-50 |
| 84 | 084 | " (Vera Cruz-Tamaulipas), Cabo Rojo, Laguna Tamiahua, Tampico |
| 85 | 085 | " " " Tampico, Cabo Rojo, Tuxpan, C-50 |
| 86 | 086 | " " " Puebla) Cabo Rojo, Tuxpan, Poza Rica, C-50 |
| 87 | 087 | " " " " " Poza Rica, Gulf of Mexico, C-50 |
| 88 | 088 | " " " " " " " " " " " |
| 89 | 089 | " " " " " Jalapa, Nautla, C-40 |
| 90 | 090 | " " " " " Misantia, Gulf of Mexico, C-30 |
| 91 | 091 | " " " Vera Cruz, Rio Atoyuc, C-15 |
| 92 | 092 | " " " " " Alvarado, Gulf of Mexico, C-10 |
| 93 | 093 | " " " " " Laguna Alvarado, San Andres Tuxla, C-10 |
| 94 | 094 | " " " " " Lago Catamaco, Gulf of Mexico, C-15 |
| 95 | 095 | " " " San Andres Tuxla, Lago Catamaco, C-25 |
| 96 | 096 | " " " Coatzacoalcos, Gulf of Mexico, C-40 |
| 97 | 097 | " " " " " Rio Coatzacoalcos, C-50 |
| 98 | 098 | " " " Oaxaca) Rio Coatzacoalcos, Minatitlan, C-60 |
| 99 | 099 | " " " Chiapas) Natzahualcoyotl Res., C-75 |
| 100 | 100 | " " " " " " " " " " |
| 101 | 101 | " " " " " " " " " " |
| 102 | 102 | " (Chiapas), Tuxla Gutierrez, San Cristobal De Las Casas, C-60 |
| 103 | 103 | " " " " " " " " " " C-50 |
| 104 | 104 | " " Pacific O., Tuxla Gutierrez, Comitán, C-40 |
| 105 | 105 | " " Guatemala, Tapachula, Rio Grijalva, El Ocotal, C-20 |
| 106 | 106 | " " " Huehuetenango, Tapachula, C-20 |
| 107 | 107 | " " " Quetzaltenango, Tapachula, C-20 |
| 108 | 108 | " " " Lago Atitlan, Quetzaltenango, C-30 |
| 109 | 109 | " " " " " " " " " " |
| 110 | 110 | Guatemala, Lago Atitlan, Volcan Agua-Fuego-Acatanango, C-30 |
| 111 | 111 | " " " Lago Amatitlan, Antigua Guatemala, C-25 |
| 112 | 112 | " El Salvador, Antigua Guatemala, Lago Amatitlan, C-20 |
| 113 | 113 | " " " San Jose, Taxisco, Acajutla, C-30 |
| 114 | 114 | " " " Acajutla, Punta Remedios, C-25 |
| 115 | 115 | El Salvador, Acajutla, Punta Remedios, C-30 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | |
|-----------|------------|--------------------------------------|---|---|-----------|------|
| 116 | SL4-4B-116 | El Salvador, Punta Remedios, C-20 | | | | |
| 117 | 117 | Pacific O. off Central America, C-10 | | | | |
| 118 | 118 | " | " | " | " | " |
| 119 | 119 | " | " | " | " | " |
| 120 | 120 | " | " | " | " | " |
| 121 | 121 | " | " | " | " | " |
| 122 | 122 | " | " | " | " | " |
| 123 | 123 | " | " | " | " | " |
| 124 | 124 | " | " | " | " | " |
| 125 | 125 | " | " | " | " | " |
| 126 | 126 | " | " | " | " | " |
| 127 | 127 | " | " | " | " | C-15 |
| 128 | 128 | " | " | " | " | C-30 |
| 129 | 129 | " | " | " | " | C-50 |
| 130 | 130 | " | " | " | " | C-60 |
| 131 | 131 | " | " | " | " | C-70 |
| 132 | 132 | " | " | " | " | " |
| 133 | 133 | " | " | " | " | C-60 |
| 134 | 134 | " | " | " | " | C-50 |
| 135 | 135 | " | " | " | " | C-40 |
| 136 | 136 | " | " | " | " | C-30 |
| 137 | 137 | " | " | " | Colombia, | C-30 |
| 138 | 138 | " | " | " | " | C-30 |
| 139 | 139 | " | " | " | " | C-40 |
| 140 | 140 | " | " | " | " | C-45 |
| 141 | 141 | " | " | " | " | C-50 |
| 142 | 142 | " | " | " | " | " |
| 143 | 143 | " | " | " | " | C-45 |
| 144 | 144 | " | " | " | " | " |
| 145 | 145 | " | " | " | " | C-50 |
| 146 | 146 | " | " | " | " | " |
| 147 | 147 | " | " | " | Ecuador | " |
| 148 | 148 | " | " | " | " | " |
| 149 | 149 | " | " | " | " | " |
| 150 | 150 | " | " | " | " | " |
| 151 | 151 | " | " | " | " | C-60 |
| 152 | 152 | " | " | " | " | C-70 |
| 153 | 153 | " | " | " | " | " |
| 154 | 154 | Ecuador Coast, C-60 | | | | |
| 155 | 155 | " | " | " | " | " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 156 | SL4-4B-156 | Ecuador Coast at Bahia De Caraquez, C-70 |
| 157 | 157 | " " " " " " C-75 |
| 158 | 158 | " " " " " " C-80 |
| 159 | 159 | " Andes S. of Quito, C-80 |
| 160 | 160 | " Rio Catarama, C-80 |
| 161 | 161 | " Andes S. of Quito, C-85 |
| 162 | 162 | " " near Cuenca, C-80 |
| 163 | 163 | " " at Cuenca, C-80 |
| 164 | 164 | " " Amazon Basin, C-75 |
| 165 | 165 | " Peru, Andes, Amazon Basin, C-75 |
| 166 | 166 | " " " Rio Santiago, C-70 |
| 167 | 167 | " " " Rio Santiago, Rio Morona, C-70 |
| 168 | 168 | Peru, Rio Santiago, Rio Morona, Rio Maranon, C-70 |
| 169 | 169 | " " " " " " C-65 |
| 170 | 170 | " " " " " " C-60 |
| 171 | 171 | " Rio Morona, Rio Maranon, C-50 |
| 172 | 172 | " " " " " Rio Pastaza, C-50 |
| 173 | 173 | " Rio Pastaza, Rio Maranon, Rio Huallaga, C-50 |
| 174 | 174 | " Rio Maranon, Rio Huallaga, C-60 |
| 175 | 175 | " " " " " C-65 |
| 176 | 176 | " Rio Huallaga, Rio Ucalyi, C-65 |
| 177 | 177 | " " " " " C-70 |
| 178 | 178 | " Rio Ucalyi, Rio Huallaga, C-75 |
| 179 | 179 | " " " " " " |
| 180 | 180 | " " " " " C-80 |
| 181 | 181 | " " " " " C-85 |
| 182 | 182 | " Brazil, Rio Ucalyi, C-88 |
| 183 | 183 | " " " " " C-90 |
| 184 | 184 | " " " " " C-95 |
| 185 | 185 | " " " " " C-97 |
| 186 | 186 | " " " " " " |
| 187 | 187 | " " " " " Rio Alto Yurua, C-96 |
| 188 | 188 | " " " " " C-97 |
| 189 | 189 | " " " " " C-98 |
| 190 | 190 | " " " " " Rio Alto Puras, C-92, BREAK IN FLIGHT LINE |
| 191 | 191 | BREAK IN FLIGHT LINE, Peru, Rio Camisea, C-90 |
| 192 | 192 | Peru, Rio Camisea, C-90 |
| 193 | 193 | " " " " " |
| 194 | 194 | " " " " " |
| 195 | 195 | " Rio Manu, C-85 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 196 | SL4-4B-196 | Peru, NE of Cuzco, C-85 |
| 197 | 197 | " " " " " |
| 198 | 198 | " Cordillera De Vilcanota, Rio Alto Madre De Dios, C-75 |
| 199 | 199 | " Rio Madre De Dios, C-75 |
| 200 | 200 | " Bolivia, Cordillera Real, C-75 |
| 201 | 201 | " " " " C-70 |
| 202 | 202 | Bolivia, Cordillera Real, C-70 |
| 203 | 203 | " " " " |
| 204 | 204 | " " " " |
| 205 | 205 | " " " Rio Altamachi, C-60 |
| 206 | 206 | " Cochabamba, Cordillera Real, C-50 |
| 207 | 207 | " " " Oriental, C-45 |
| 208 | 208 | " " C-40 |
| 209 | 209 | " Rio Caine, Rio Chapare, C-30 |
| 210 | 210 | " " " C-30 |
| 211 | 211 | " Cordillera Central, Cordillera Oriental, C-30 |
| 212 | 212 | " Sucre, Cordillera Central, Rio Mizque, C-35 |
| 213 | 213 | " Rio Mizque, Mojocoy, C-35 |
| 214 | 214 | " Rio Chico, Rio Mizque, C-40 |
| 215 | 215 | " Rio Pilcomayo, Rio Grande, C-40 |
| 216 | 216 | " " " Padilla, C-35 |
| 217 | 217 | " " " Monteagudo, C-35 |
| 218 | 218 | " " " Villa Montes, Charagua, C-35 |
| 219 | 219 | " " " " C-35 |
| 220 | 220 | " " " " " |
| 221 | 221 | " Paraguay, Argentina, Rio Pilcomayo, C-35 |
| 222 | 222 | " " " " " |
| 223 | 223 | Paraguay, Argentina, Chaco Boreal, C-30 |
| 224 | 224 | " Chaco Boreal, C-30 |
| 225 | 225 | " " " " |
| 226 | 226 | " " " C-35 |
| 227 | 227 | " Argentina, Chaco Boreal, C-40 |
| 228 | 228 | " " " " |
| 229 | 229 | " " " " |
| 230 | 230 | " " " Rio Monte Lindo, S-40 |
| 231 | 231 | Argentina, Paraguay, Chaco Central, Rio Confuso, C-40 |
| 232 | 232 | " " " " C-35 |
| 233 | 233 | " " " C-35 |
| 234 | 234 | Paraguay, Argentina, Rio Paraguay, Ascuncion, C-35 |
| 235 | 235 | " " " Formosa, Ascuncion, C-35 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 236 | SL4-4B-236 | Argentina, Paraguay, Ascuncion, Rio Paraguay, C-35 |
| 237 | 237 | " " " " " " |
| 238 | 238 | " " Rio Paraguay, Rio Tebicuary, C-35 |
| 239 | 239 | Paraguay, Argentina, Rio Parana, C-35 |
| 240 | 240 | " " " " Encarnicion, C-35 |
| 241 | 241 | " " " " Posadas, C-35 |
| 242 | 242 | " " Brazil (Rio Grande Sul), Rio Uruguay, C-35 |
| 243 | 243 | " " " " " " Rio Parana, Rio Uruguay |
| 244 | 244 | Argentina, Brazil (Rio Grande Sul), Rio Uruguay, Sao Luis Gonzaga, C-35 |
| 245 | 245 | Brazil (Rio Grande Sul), Argentina, Rio Uruguay, Sao Borja, C-35 |
| 246 | 246 | " " " " Santiago, C-35 |
| 247 | 247 | " " " " " " |
| 248 | 248 | " " " " Santa Maria, C-35 |
| 249 | 249 | " " " " " " |
| 250 | 250 | " " " " Rio Jacui, Cachoeria Do Sul, C-35 |
| 251 | 251 | " " " " " " C-35 |
| 252 | 252 | " " " " Lagoa Dos Patos, Rio Jacui, C-30 |
| 253 | 253 | " " " " " " Pelotas, C-30 |
| 254 | 254 | " " " " " " Atlantic O., C-30 |
| 255 | 255 | " " " " " " Pelotas, C-30 |
| 256 | 256 | " " " " " " Lourenco Do Sul, C-30 |
| 257 | 257 | " " " " " " C-35 |
| 258 | 258 | " " " " " " " |
| 259 | 259 | Atlantic O. off Brazil, C-40 |
| 260 | 260 | " " " " " " |
| 261 | 261 | " " " " " " |
| 262 | 262 | " " " " C-35 |
| 263 | 263 | " " " " C-40 |
| 264 | 264 | " " " " C-45 |
| 265 | 265 | " " " " C-50 |
| 266 | 266 | " " " " C-60 |
| 267 | 267 | " " " " C-75 |
| 268 | 268 | " " " " C-80 |
| 269 | 269 | " " " " " |
| 270 | 270 | " " " Uruguay " |
| 271 | 271 | " " " " C-90 |
| 272 | 272 | " " " " " |
| 273 | 273 | " " " " " |
| 274 | 274 | " " " " " |
| 275 | 275 | " " " " C-95 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|-------------------------------------|
| 276 | SL4-4B-276 | Atlantic O. East of Argentina, C-95 |
| 277 | 277 | " " " " " |
| 278 | 278 | " " " " " |
| 279 | 279 | " " " " " |
| 280 | 280 | " " " " C-90 |
| 281 | 281 | " " " " " |
| 282 | 282 | " " " " C-80 |
| 283 | 283 | " " " " " |
| 284 | 284 | " " " " C-75 |
| 285 | 285 | " " " " C-65 |
| 286 | 286 | " " " " C-60 |
| 287 | 287 | " " " " C-50 |
| 288 | 288 | " " " " C-45 |
| 289 | 289 | " " END EREP PASS #50, C-40 |
| 290 | 290 | Moon, lunar calibration |
| 291 | 291 | " " " |
| 292 | 292 | " " " |
| 293 | 293 | " " " |
| 294 | 294 | " " " |
| 295 | 295 | " " " |
| 296 | 296 | " " " |
| 297 | 297 | " " " |
| 298 | 298 | " " " |
| 299 | 299 | " " " |
| 300 | 300 | " " " |
| 301 | 301 | " " " |
| 302 | 302 | " " " |
| 303 | 303 | " " " |
| 304 | 304 | " " " |
| 305 | 305 | " " " |
| 306 | 306 | " " " |
| 307 | 307 | " " " |
| 308 | 308 | " " " |
| 309 | 309 | " " " |
| 310 | 310 | " " " |
| 311 | 311 | " " " |
| 312 | 312 | " " " |
| 313 | 313 | " " " |
| 314 | 314 | " " " |
| 315 | 315 | " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|-------------------------------------|
| 316 | SL4-4B-316 | Moon, lunar calibration |
| 317 | 317 | " " " |
| 318 | 318 | " " " |
| 319 | 319 | " " " |
| 320 | 320 | " " " |
| 321 | 321 | " " " |
| 322 | 322 | " " " |
| 323 | 323 | " " " |
| 324 | 324 | " " " |
| 325 | 325 | " " " |
| 326 | 326 | " " " |
| 327 | 327 | " " " |
| 328 | 328 | " " " |
| 329 | 329 | " " " |
| 330 | 330 | " " " |

END OF ROLL

SECTION IV

Earth Terrain Camera

SKYLAB 4

NOVEMBER 16, 1973 - FEBRUARY 8, 1974

PHOTOGRAPHIC IDENTIFICATION LIST

EARTH TERRAIN CAMERA

18-INCH (450-MM) FOCAL LENGTH

5-INCH WIDE FILM

Prepared by:

Richard W. Underwood

PHOTOGRAPHIC TECHNOLOGY DIVISION
JOHNSON SPACE CENTER (JL)
HOUSTON, TEXAS 77058

Notes: Cloud cover is indicated when appropriate by C=XX, such as C=10. This means that there is approximately 10 percent clouds and shadows while C=90 means approximately 90 percent cloud cover. With high cloud cover photographs, only the general area is indicated unless a specific feature is visible in the noncloudy portion of the photograph. S=20 indicates percent of snow overage.

Consult proper data and guide books for information, such as film characteristics, filters, shutter speeds, spacecraft dynamics, times, solar angles, etc.

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. 89(BW-03) CAMERA Earth Terrain LENS 18"450-mm FILM TYPE 3414

Black-and-White

DESCRIPTION High Definition, Aerial WIDTH 5"

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 1 | SL4-89-001 | BEGIN EREP PASS #3, Solar Inertial (S.I.) to NE, Ut., Colo., Ariz., NM |
| 2 | 002 | Colo., Utah., Ariz., N. M., San Juan R., Fruitland, Vallecito Lake (S.I.) |
| 3 | 003 | " N. M., Ariz., Chuska Mts., San Juan R., San Juan Mts., (S.I.) |
| 4 | 004 | N. M., Colo., Mesa Verde, Cortez, Durango, Navajo Res., Farmington (S.I.) |
| 5 | 005 | " " " Chaco Canyon, Jemez Mts., Chama, El Vaio Lake (S.I.) |
| 6 | 006 | " " " Rio Grande, Conejos R., Bandelier, N.M., Pagosa Spgs (S.I.) |
| 7 | 007 | " " " Albuquerque, Santa Fe, Rio Grande, Spectacle Lake (S.I.) |
| 8 | 008 | " " " " " Taos, Los Alamos, (S.I.) |
| 9 | 009 | " " " " " Sandia Mts., Los Alamos (S.I.) |
| 10 | 010 | BREAK IN PASS, N. M., Tex., Red Bluff Lake, Pecos R., Roswell, (S.I.) |
| 11 | 011 | Tex., N. M., Pecos R., Pecos, Hobbs, Monahans, Odessa, Midland, (S.I.) |
| 12 | 012 | " Lubbock, Pecos R., Midland, Odessa, Ft Stockton, (S.I.) |
| 13 | 013 | " Mexico (Coahuila), Rio Grande, Pecos R., Ozona (S.I.) |
| 14 | 014 | " " " Amistad Res., Del Rio, San Angelo (S.I.) |
| 15 | 015 | " " " Del Rio, Eagle Pass, Rio Grande (S.I.) |
| 16 | 016 | " " " Nuevo Leon) San Antonio, Cotulla, (S.I.) |
| 17 | 017 | " " (Nuevo Leon-Tamp), Laredo, Nuevo Laredo, (S.I.) |
| 18 | 018 | " " (Tamaulipas), Corpus Christi, McAllen, Falfurrias (S.I.) |
| 19 | 019 | " " " Brownsville, Matamoros, Harlingen (S.I.) |
| 20 | 020 | " " " Mouth of Rio Grande, BREAK IN PASS (S.I.) |
| 21 | 021 | BREAK IN PASS, Bolivia, Brazil, Trinidad, Rio Mamore (S.I.), C-30 |
| 22 | 022 | Bolivia, Brazil, Trinidad, Rio Mamore (S.I.), C-25 |
| 23 | 023 | " " Rio Mamore, Rio San Miguel (S.I.), C-15 |
| 24 | 024 | " " Laguna Concepcion Area (S.I.), C-10 |
| 25 | 025 | " " Serrania De Santiago, Laguna Concepcion (S.I.) |
| 26 | 026 | " " Paraguay, Rio Paraguai, (S.I.) |
| 27 | 027 | " " " " " " |
| 28 | 028 | " Paraguay, Brazil, " " " |
| 29 | 029 | " " " " " " |
| 30 | 030 | " " " " " " |
| 31 | 031 | " " " " " " |
| 32 | 032 | " " " " " " |
| 33 | 033 | " " " " " " |
| 34 | 034 | " " " " " Porto Esperanca (S.I.) |
| 35 | 035 | " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 36 | SL4-89-036 | Paraguay, Brazil, Rio Paraguay, Puerto Guarani (S.I.) |
| 37 | 037 | " " " " Puerto Casado (S.I.) |
| 38 | 038 | " " " " Puerto Pinasco " |
| 39 | 039 | " " " " " " " |
| 40 | 040 | " " " " (S.I.) |
| 41 | 041 | " " " " " |
| 42 | 042 | " " Rio Parana (S.I.), C-10 |
| 43 | 043 | " " " " C-15 |
| 44 | 044 | " " " " C-20 |
| 45 | 045 | " " " " C-35 |
| 46 | 046 | " " Rio Paraguay, Rio Avai, (S.I.), C-40 |
| 47 | 047 | " " " " (S.I.), C-50 |
| 48 | 048 | " " " " " " END EREP PASS #3 |
| 49 | 049 | BEGIN PARAGUAY #1 PASS, (S.I.), Bolivia, C-60 |
| 50 | 050 | Bolivia, Cordillera Central, Cordillera Oriental (S.I.), C-65 |
| 51 | 051 | " " " " " " C-70 |
| 52 | 052 | " Cordillera Oriental (S.I.), C-90 |
| 53 | 053 | " " " " C-95 |
| 54 | 054 | " " " " C-98 |
| 55 | 055 | " Paraguay (S.I.), C-100 |
| 56 | 056 | " " " " |
| 57 | 057 | " " " " |
| 58 | 058 | " Argentina, C-100, (S.I.) |
| 59 | 059 | " " (S.I.) C-100 |
| 60 | 060 | " " " " |
| 61 | 061 | " " " " " |
| 62 | 062 | " " " " C-98 |
| 63 | 063 | " " " " C-99 |
| 64 | 064 | " " " " C-96 |
| 65 | 065 | Paraguay, Argentina (S.I.), C-100 |
| 66 | 066 | " " " " |
| 67 | 067 | " " " " |
| 68 | 068 | " " " " |
| 69 | 069 | " " " " |
| 70 | 070 | " " " " |
| 71 | 071 | " " " " |
| 72 | 072 | " " " " |
| 73 | 073 | " " " " |
| 74 | 074 | " " " " |
| 75 | 075 | " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 76 | SL4-89-076 | Paraguay, Argentina (S.I.), C-100 |
| 77 | 077 | " " " " |
| 78 | 078 | " " " " |
| 79 | 079 | " " " " |
| 80 | 080 | " " " " |
| 81 | 081 | " " " " |
| 82 | 082 | " " " " |
| 83 | 083 | " " " " |
| 84 | 084 | " " " " |
| 85 | 085 | " " " " |
| 86 | 086 | " " " " |
| 87 | 087 | " " " " |
| 88 | 088 | " " " " |
| 89 | 089 | " " " " |
| 90 | 090 | " " " " END PARAGUAY #1 PASS |
| 91 | 091 | BEGIN PARAGUAY #2 PASS, Argentina (S.I.), C-100 |
| 92 | 092 | Argentina, (S.I.), C-100 |
| 93 | 093 | " " " " |
| 94 | 094 | " " " " |
| 95 | 095 | " " " " |
| 96 | 096 | " " " " |
| 97 | 097 | " Paraguay, (S.I.), C-98 |
| 98 | 098 | " " C-97 |
| 99 | 099 | " " Rio Paraguay (S.I.), C-96 |
| 100 | 100 | " " Ascuncion, C-90 (S.I.) |
| 101 | 101 | " " " " " C-88 " |
| 102 | 102 | " " " " " C-85 " |
| 103 | 103 | " " " " " " " |
| 104 | 104 | " " " " " " " |
| 105 | 105 | " " " " " " " |
| 106 | 106 | " " " " " C-88 " |
| 107 | 107 | " " " " " C-100 (S.I.) |
| 108 | 108 | " " " " " C-95 " |
| 109 | 109 | " " " " " " |
| 110 | 110 | Paraguay, C-90, (S.I.) |
| 111 | 111 | " C-85 " |
| 112 | 112 | " Gran Chaco, C-80 (S.I.) |
| 113 | 113 | " " Union, C-75 (S.I.) |
| 114 | 114 | " " " C-70 " |
| 115 | 115 | " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 116 | SL4-89-116 | Paraguay, Gran Chaco, C-70 (S.I.) |
| 117 | 117 | " " " " " |
| 118 | 118 | " " " C-75 " |
| 119 | 119 | " " " " " |
| 120 | 120 | " " " " " |
| 121 | 121 | " " " C-80 " |
| 122 | 122 | " " " " " |
| 123 | 123 | " Brazil, C-85 (S.I.) |
| 124 | 124 | " " C-90 " END PARAGUAY PASS #2 |
| 125 | 125 | BEGIN PARAGUAY PASS #3, (S.I.), Argentina, C-90 |
| 126 | 126 | Argentina, Rio Bermejo, C-93 (S.I.) |
| 127 | 127 | " " " C-95 " |
| 128 | 128 | " C-96 (S.I.) |
| 129 | 129 | " " " |
| 130 | 130 | " C-98 " |
| 131 | 131 | " Paraguay, C-96 (S.I.) |
| 132 | 132 | " " C-97 " |
| 133 | 133 | " " C-98 " |
| 134 | 134 | " " C-99 " |
| 135 | 135 | " " C-100 " |
| 136 | 136 | " " " " |
| 137 | 137 | " " " " |
| 138 | 138 | " " C-98 " |
| 139 | 139 | " " C-96 " |
| 140 | 140 | Paraguay, Gran Chaco, C-94 (S.I.) |
| 141 | 141 | " " " C-93 " |
| 142 | 142 | " " " C-97 " |
| 143 | 143 | " " " C-94 " |
| 144 | 144 | " " " C-95 " |
| 145 | 145 | " " " C-96 " |
| 146 | 146 | " " " C-97 " |
| 147 | 147 | " " " C-95 " |
| 148 | 148 | " " " C-90 " |
| 149 | 149 | " " " C-75 " |
| 150 | 150 | Bolivia, Paraguay, Gran Chaco, C-60 (S.I.) |
| 151 | 151 | " " " C-50 " |
| 152 | 152 | " " Brazil, C-60, (S.I.) |
| 153 | 153 | " " Corumba, Rio Paraguai, C-50 (S.I.) |
| 154 | 154 | " " " C-60 " |
| 155 | 155 | " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 156 | SL4-89-156 | Brazil, Bolivia, Corumba, Rio Paraguai, C-70 (S.I.) |
| 157 | 157 | " " Lago Mandiore, Rio Paraguay, C-65 (S.I.) |
| 158 | 158 | " " " " " " C-60 " |
| 159 | 159 | " " " " " " " " |
| 160 | 160 | " " " " " " " " |
| 161 | 161 | " " " " " " " " BREAK IN PASS |
| 162 | 162 | " C-90 (S.I.) |
| 163 | 163 | " Rondonopolis, C-88 (S.I.) |
| 164 | 164 | " C-85 (S.I.) END PARAGUAY PASS #3 |
| 165 | 165 | BEGIN EREP PASS #22, Pacific O. SW of Tehuantepec, Mexico |
| 166 | 166 | Pacific O. SW of Tehuantepec, Mexico, C-15 |
| 167 | 167 | " " " " " " C-10 |
| 168 | 168 | " " " " " " C-15 |
| 169 | 169 | " " " " " " " |
| 170 | 170 | " " " " " " " |
| 171 | 171 | " " " " " " " |
| 172 | 172 | " " " " " " " |
| 173 | 173 | " " " " " " " |
| 174 | 174 | " " " " " " " |
| 175 | 175 | " " " " " " " |
| 176 | 176 | " " " " " " " |
| 177 | 177 | " " " " " " " |
| 178 | 178 | " " " " " " C-15 |
| 179 | 179 | " " " " " " C-20 |
| 180 | 180 | " " " " " " " |
| 181 | 181 | " " " " " " C-25 |
| 182 | 182 | " " " " " " C-20 |
| 183 | 183 | " " " " " " " |
| 184 | 184 | " " " " " " " |
| 185 | 185 | " " " " " " " |
| 186 | 186 | " " " " " " " |
| 187 | 187 | " " " " " " C-10 BREAK IN PASS |
| 188 | 188 | BREAK IN PASS, Mexico, Mar Muerto, Tonala, C-20 |
| 189 | 189 | Mexico (Chiapas, Oaxaca) Mar Muerto, Cintalapa, C-20 |
| 190 | 190 | " " " Tuxla Gutierrez, Cintalapa, C-35 |
| 191 | 191 | " " Tuxla Gutierrez, Rio Tacotalpa, C-35 |
| 192 | 192 | " " Rio Tacotalpa, Rio Usumacinta, C-30 |
| 193 | 193 | " " Tabasco, Rio Tacotalpa, Rio Tuliya, C-35 |
| 194 | 194 | " (Tabasco-Campeche), Rio Usumacinta, Rio Tuliya, C-40 |
| 195 | 195 | " " " " Bahia Terminos, C-45 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 196 | SL4-89-196 | Mexico (Campeche-Tabasco), Bahia Terminos, Ciudad Del Carman, C-30 |
| 197 | 197 | " " " " " BREAK IN PASS |
| 198 | 198 | BREAK IN PASS, Fla., Anna Maria Key, Longboat Key, Sarasota, C-25 |
| 199 | 199 | Fla., St. Petersburg, Tampa, Clearwater, Lakeland, Sarasota, C-25 |
| 200 | 200 | " Orlando, Lakeland, Disneyworld, Winter Garden, C-25 |
| 201 | 201 | " Daytona Beach, Sanford, Deland, C-20 |
| 202 | 202 | Atlantic O. off Fla. |
| 203 | 203 | " " " " " |
| 204 | 204 | " " " " C-15 |
| 205 | 205 | " " " " Ga. C-20 |
| 206 | 206 | " " " " " |
| 207 | 207 | " " " " C-30 |
| 208 | 208 | " " " " C-50 |
| 209 | 209 | " " " " C-60 |
| 210 | 210 | " " " Carolinas, C-90 |
| 211 | 211 | " " " " C-93 |
| 212 | 212 | " " " " C-98 |
| 213 | 213 | " " " " C-100 |
| 214 | 214 | " " " " " |
| 215 | 215 | " " " " " |
| 216 | 216 | " " " " " |
| 217 | 217 | " " " " " |
| 218 | 218 | " " " " " |
| 219 | 219 | " " " " " |
| 220 | 220 | " " " " " |
| 221 | 221 | " " " Mid-Atlantic States, C-100 |
| 222 | 222 | " " " " " |
| 223 | 223 | " " " " " |
| 224 | 224 | " " " " " |
| 225 | 225 | " " " " C-98 |
| 226 | 226 | " " " New England, C-90 |
| 227 | 227 | " " " " C-85 |
| 228 | 228 | " " " " C-90 |
| 229 | 229 | " " " " C-95 |
| 230 | 230 | " " " " C-98 |
| 231 | 231 | " " " " C-100 |
| 232 | 232 | " " " " " |
| 233 | 233 | " " " " " |
| 234 | 234 | " " " " " |
| 235 | 235 | " " " " C-98 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 236 | SL4-89-236 | Atlantic O. off New England, C-90 |
| 237 | 237 | " " " " " C-80 |
| 238 | 238 | " " " Nova Scotia, C-70 |
| 239 | 239 | " " " " " " |
| 240 | 240 | " " " " " C-60 |
| 241 | 241 | " " " " " C-65 |
| 242 | 242 | " " " " " C-75 |
| 243 | 243 | " " " " " " END EREP PASS #22 |
| 244 | 244 | Moon (Lunar Calibration) |
| 245 | 245 | " " " " " " |
| 246 | 246 | BEGIN EREP PASS #23, Pacific O. off Central America, C-80 |
| 247 | 247 | Pacific O. off Central America, C-50 |
| 248 | 248 | " " " " " " |
| 249 | 249 | " " " " " C-70 |
| 250 | 250 | " " " " " C-90 |
| 251 | 251 | " " " " " C-85 |
| 252 | 252 | " " " " " " |
| 253 | 253 | " " " " " C-90 |
| 254 | 254 | " " " " " C-100 |
| 255 | 255 | " " " " " C-95 |
| 256 | 256 | " " " " " C-90 |
| 257 | 257 | " " " " " " |
| 258 | 258 | " " " " " C-95 |
| 259 | 259 | " " " " " C-100 |
| 260 | 260 | " " " " " " |
| 261 | 261 | " " " " " " |
| 262 | 262 | " " " " " " |
| 263 | 263 | " " " " " C-99 |
| 264 | 264 | " " " " " C-96 |
| 265 | 265 | " " " " " C-90 |
| 266 | 266 | " " " " " C-85 |
| 267 | 267 | " " " " " C-60 |
| 268 | 268 | " " " " " C-30 |
| 269 | 269 | " " " " " C-35 |
| 270 | 270 | " " " " " C-30 |
| 271 | 271 | " " " " " C-25 |
| 272 | 272 | " " " " " C-20 |
| 273 | 273 | " " " " " C-10 |
| 274 | 274 | " " " " " " |
| 275 | 275 | " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 276 | SL4-89-276 | Pacific O. off Central America, C-15 |
| 277 | 277 | " " " " " C-20 |
| 278 | 278 | " " " " " " |
| 279 | 279 | " " " " " " |
| 280 | 280 | " " " " " C-15 |
| 281 | 281 | " " " " " " |
| 282 | 282 | " " " " " " |
| 283 | 283 | " " " " " " |
| 284 | 284 | " " " " " " |
| 285 | 285 | " " " " " " |
| 286 | 286 | " " " " " " |
| 287 | 287 | " " " " " " |
| 288 | 288 | Guatemala, Pacific O. |
| 289 | 289 | " San Jose, Istapa, Sipacate |
| 290 | 290 | " " " Escuintla, Volcan Agua, Patolul, C-10 |
| 291 | 291 | " Guatemala City, Lake Amatitlan, Volcan Acatenango, C-20 |
| 292 | 292 | " " Antigua, Rio Motagua, Volcan Fuego, C-35 |
| 293 | 293 | " Chiquimula, Zacapa, Rio Motagua, Jalapa, C-40 |
| 294 | 294 | " Lago Izabal, Rio Motagua, Zacapa, C-50 |
| 295 | 295 | " Belize, Lago Izabal, Livingston, El Estor, C-60 |
| 296 | 296 | " " Livingston, Punta Gorda, Cabo Tres Puntas, C-70 |
| 297 | 297 | " " Gulf of Honduras, Stann Creek, C-75 |
| 298 | 298 | " " Stann Creek, Monkey R., Glover Reefs, C-70 |
| 299 | 299 | Belize, Turneffe Is., Belize City, Stann Creek, C-70 |
| 300 | 300 | " Belize City, Ambergris Cay, Turneffe Is., C-65 |
| 301 | 301 | " Mexico (Quintana Roo), Belize City, Ambergris Cay, C-70 |
| 302 | 302 | Mexico (Quintana Roo) Belize, Banco Chinchorro, C-60 |
| 303 | 303 | " " " Banco Chinchorro, C-50 |
| 304 | 304 | " " " " " C-40 |
| 305 | 305 | " " " " " " |
| 306 | 306 | Caribbean Sea, C-35 |
| 307 | 307 | " " C-30 |
| 308 | 308 | " " C-25 |
| 309 | 309 | " " C-20 |
| 310 | 310 | " " " " |
| 311 | 311 | " " C-15 BREAK IN PASS |
| 312 | 312 | BREAK IN PASS, Cuba, La Habana, Campo Florida, C-30 |
| 313 | 313 | Florida Strait, Fla., Boca Grande Key, C-80 |
| 314 | 314 | Fla., Florida Keys, Florida Bay, Key West, Ramrod Key, C-30 |
| 315 | 315 | " " " " " " Marathon Key, C-20 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 316 | SL4-89-316 | Fla., Florida Keys, Key Largo, Florida Bay, Flamingo, C-20 |
| 317 | 317 | " " " Florida Bay, Key Largo, Cape Sable, C-25 |
| 318 | 318 | " Miami, Coral Gables, Homestead, Everglades, C-25 |
| 319 | 319 | " " Miami Beach, Key Biscayne, Ft. Lauderdale, C-20 |
| 320 | 320 | " " " " Ft. Lauderdale, Boca Raton, Hialeah, C-30 |
| 321 | 321 | BREAK IN PASS, Atlantic O. off Carolinas, C-35 |
| 322 | 322 | Atlantic O. off Carolinas, C-40 |
| 323 | 323 | " " " " " |
| 324 | 324 | " " " " " |
| 325 | 325 | " " " " " |
| 326 | 326 | " " " " " |
| 327 | 327 | " " " " " |
| 328 | 328 | " " " Mid-Atlantic States, C-60 |
| 329 | 329 | " " " " C-65 |
| 330 | 330 | " " " " C-70 |
| 331 | 331 | " " " " C-65 |
| 332 | 332 | " " " " " |
| 333 | 333 | " " " " C-70 |
| 334 | 334 | " " " " C-75 |
| 335 | 335 | " " " New England, C-75 |
| 336 | 336 | " " " " " |
| 337 | 337 | " " " " C-80 |
| 338 | 338 | " " " " C-85 |
| 339 | 339 | " " " " " |
| 340 | 340 | " " " " C-90 |
| 341 | 341 | " " " " C-95 |
| 342 | 342 | " " " " C-98 |
| 343 | 343 | " " " " " |
| 344 | 344 | " " " " " |
| 345 | 345 | " " " " C-95 |
| 346 | 346 | " " " Nova Scotia, C-85 |
| 347 | 347 | " " " " C-90 |
| 348 | 348 | " " " " C-98 |
| 349 | 349 | " " " " C-99 |
| 350 | 350 | " " " " C-98 |
| 351 | 351 | " " " " C-95 |
| 352 | 352 | " " " " C-90 |
| 353 | 353 | " " " " C-85 |
| 354 | 354 | " " " " " |
| 355 | 355 | " " " " C-80 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 356 | SL4-89-356 | N. Atlantic O. off Nova Scotia, C-97 |
| 357 | 357 | " " " " " " C-98 |
| 358 | 358 | " " " " " " C-99 |
| 359 | 359 | " " " " " " " |
| 360 | 360 | " " " " " " C-97 |
| 361 | 361 | " " " " " " C-95 |
| 362 | 362 | " " " " " " " |
| 363 | 363 | " " " " " " " |
| 364 | 364 | " " " " " " " |
| 365 | 365 | " " " " " " " |
| 366 | 366 | " " " " Newfoundland, C-90 |
| 367 | 367 | " " " " " " C-60 |
| 368 | 368 | " " " " " " C-50 |
| 369 | 369 | " " " " " " C-60 |
| 370 | 370 | " " " " " " C-85 |
| 371 | 371 | " " " " " " C-90 |
| 372 | 372 | " " " " " " C-95 |
| 373 | 373 | " " " " " " C-99 |
| 374 | 374 | " " " " " " " |
| 375 | 375 | " " " " " " " |
| 376 | 376 | " " " " " " C-98 |
| 377 | 377 | " " " " " " C-95 |
| 378 | 378 | " " " " " " C-50 |
| 379 | 379 | " " " " " " C-30, END EREP PASS #23 |
| 380 | 380 | Pacific O. East of Japan, C-60 |
| 381 | 381 | " " " " " " " |
| 382 | 382 | BEGIN EREP PASS #25, Indonesia, Malaysia, Strait of Malacca, C-50 |
| 383 | 383 | Indonesia, Malaysia, Singapore, Singapore, Strait of Malacca, C-30 |
| 384 | 384 | Malaysia, Singapore, Singapore, Johorebahru, C-15 |
| 385 | 385 | " Kota Tinggi, C-15 |
| 386 | 386 | " " " " C-20 |
| 387 | 387 | S. China Sea, C-50 |
| 388 | 388 | " " " " C-70 |
| 389 | 389 | " " " " " |
| 390 | 390 | " " " " BREAK IN PASS |
| 391 | 391 | BREAK IN PASS, E. China Sea, C-95 |
| 392 | 392 | E. China Sea, C-95 |
| 393 | 393 | BREAK IN PASS, Japan, Kyushu, Kagoshima, Volcano in eruption, C-45 |
| 394 | 394 | Japan, Kyushu, Takanahe, Miyazaki, Hitov |
| 395 | 395 | " " Saeki, Oita, Beppu, Naha, C-35 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 396 | SL4-89-396 | Japan, Shikoku, Matsuyama, Yawatahama, Uwajima, C-35 |
| 397 | 397 | " " Niihama, Imbari, Matsuyama, Kochi, inland sea, C-50 |
| 398 | 398 | " Honshu-Shi, Takamatsu, Niihama, Fukuyama, C-55 |
| 399 | 399 | " " Okayama, Takamatsu, Fukuyama " |
| 400 | 400 | " " Wakayama, Tokoshima, Kobe, C-65 |
| 401 | 401 | " Honshu, Kobe, Osaka, Wakayama, Akashi, C-65 |
| 402 | 402 | " " Osaka, Kobe, C-90 |
| 403 | 403 | " " Biwa-ko, C-95, S-30 |
| 404 | 404 | " " Kanazawa, C-90, S-50 |
| 405 | 405 | " " Mayako, Kamaishi, C-50 |
| 406 | 406 | " " C-80 |
| 407 | 407 | Pacific O. NE of Japan, C-50 |
| 408 | 408 | " " " " " C-40 |
| 409 | 409 | " " " " " " |
| 410 | 410 | " " " " " C-60 |
| 411 | 411 | " " " " " C-70 |
| 412 | 412 | " " " " " C-80 |
| 413 | 413 | " " " " " " |
| 414 | 414 | " " " " " " |
| 415 | 415 | " " " " " " |
| 416 | 416 | " " " " " " |
| 417 | 417 | " " " " " C-85 |
| 418 | 418 | " " " " " C-90 |
| 419 | 419 | " " " " " C-95 |
| 420 | 420 | " " " " " " |
| 421 | 421 | " " " " " C-90 |
| 422 | 422 | " " " " " " |
| 423 | 423 | " " " " " " |
| 424 | 424 | " " " " " C-95 |
| 425 | 425 | " " " " " " |
| 426 | 426 | " " " " " C-98 |
| 427 | 427 | " " " " " " |
| 428 | 428 | " " " " " C-80 |
| 429 | 429 | " " " " " C-50 |
| 430 | 430 | " " " " " C-15 |
| 431 | 431 | " " " " " C-20 |
| 432 | 432 | " " " " " C-30 |
| 433 | 433 | " " " " " C-40 |
| 434 | 434 | " " " " " " |
| 435 | 435 | " " " " " C-30 |

| FRAME NO. | NASA NO. | SUBJECT-DESCRIPTION, LOCATION, ETC. |
|-----------|------------|-------------------------------------|
| 436 | SL4-89-436 | Pacific O. NE of Japan, C-20 |
| 437 | 437 | " " " " " " |
| 438 | 438 | " " " " " C-35 |
| 439 | 439 | " " " " " C-60 |
| 440 | 440 | " " " " " C-80 |
| 441 | 441 | " " " " " C-90 |
| 442 | 442 | " " " " " " |
| 443 | 443 | " " " " " C-80 |
| 444 | 444 | " " " " " " |
| 445 | 445 | " " " " " " |
| 446 | 446 | " " " " " C-85 |
| 447 | 447 | " " " " " C-90 |
| 448 | 448 | " " " " " C-95 |
| 449 | 449 | " " " " " C-98 |
| 450 | 450 | " " " " " C-99 |
| 451 | 451 | " " " " " C-100 |
| 452 | 452 | " " " " " " |
| 453 | 453 | " " " " " " |
| 454 | 454 | " " " " " " |
| 455 | 455 | " " " " " " |
| 456 | 456 | " " " " " " END EREP PASS #25 |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. 90 (CT-10) CAMERA Earth Terrain LENS 18"450-mm FILM TYPE SO-242
High Resolution Aerial
 DESCRIPTION Ektachrome WIDTH 5-inch

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 1 | SL4-90-001 | BEGIN EREP PASS #4, South Dakota, Badlands, Big White R. |
| 2 | 002 | South Dakota, Big White R., Murdo |
| 3 | 003 | " " " Missouri R., F. Case Lake, Big White R., Winner S-25 |
| 4 | 004 | SD-Neb, F. Case Lake, Niobrara R., Platte, Gregory S-60 |
| 5 | 005 | " Ft. Randall Dam, Wagner, Niobrara R., Gregory S-70 |
| 6 | 006 | " " " Niobrara R., Wagner S-70 C-15 |
| 7 | 007 | " Missouri R., Niobrara R. C-60 |
| 8 | 008 | " Tyndall C-90 |
| 9 | 009 | " C-100 |
| 10 | 010 | SD-Neb-IA C-100 |
| 11 | 011 | Neb.-IA, Omaha C-90 |
| 12 | 012 | " " Council Bluffs C-80 |
| 13 | 013 | " " " C-70 |
| 14 | 014 | Iowa, Greenfield, Corning C-50 |
| 15 | 015 | " Creston C-60 |
| 16 | 016 | MO-IA, Osceola, Princeton, Leon C-50 |
| 17 | 017 | " Rathburn Res., Princeton, Milan C-40 |
| 18 | 018 | " " Centerville, Locust Creek C-30 |
| 19 | 019 | " Centerville, Kirksville, Rathburn Res. C-40 |
| 20 | 020 | Missouri, Kirksville, La Plata, Macon, Salt R. C-40 |
| 21 | 021 | MO-Ill., Hannibal, Quincy, Mississippi R., Salt R. C-65 |
| 22 | 022 | " " " Monroe City, Mississippi R. C-60 |
| 23 | 023 | " Mississippi R., Hannibal, Quincy C-60 |
| 24 | 024 | " " St. Louis, Missouri R., Illinois R. C-60 |
| 25 | 025 | " " " " C-50 |
| 26 | 026 | " St. Louis, Mississippi R., Missouri R. C-45 |
| 27 | 027 | " " E. St. Louis, Edwardsville, Carlyle Res. C-35 |
| 28 | 028 | Illinois, Carlyle Res., Centralia, Mt. Vernon C-30 |
| 29 | 029 | " W. Frankfurt, Big Muddy Res., Crabapple Res. C-20 |
| 30 | 030 | Ky.-Ill.-Ind., Ohio R., W. Frankfurt. Marion, Henderson C-15 |
| 31 | 031 | " " Kentucky Lake, Barkley Lake, Paducah C-15 |
| 32 | 032 | Ill.-Ky.-Tenn., Ohio R., Barkley Lake, Hopkinsville |
| 33 | 033 | Ky.-Tenn., Hopkinsville, Cumberland R., Clarksville |
| 34 | 034 | " Nashville, Clarksville, Springfield |
| 35 | 035 | " " Bowling Green, Old Hickory Lake |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|-------------|---|
| 36 | SL 4 90-036 | Ky.-Tenn., Nashville, Old Hickory Lake, Cumberland R., Lebanon |
| 37 | 037 | Tennessee, Center Hill Res., Cumberland R., Cookeville |
| 38 | 038 | " Watt Bar Lake, McMinnville, Center Hill Res., Dayton |
| 39 | 039 | " Chattanooga, Tennessee R., Athens, Watt Bar Lake |
| 40 | 040 | Tenn.-Ga.-N.C., Ducktown (Blight Area), Cleveland, Chattanooga |
| 41 | 041 | " " " Fontana Lake |
| 42 | 042 | Tenn.-Ga.-N.C.-S.C., Ducktown (Blight Area) Fontana Lake, Gainesville |
| 43 | 043 | Ga.-N.C.-S.C., Gainesville, Hartwell Res., S. Lanier Res. |
| 44 | 044 | Ga.-S.C., Gainesville, Athens, Savannah R., Hartwell Res. |
| 45 | 045 | " Athens, Clarkhill Res., Hartwell Res. |
| 46 | 046 | " Augusta, Clarkhill Res. |
| 47 | 047 | " " " Aiken |
| 48 | 048 | " Savannah R., Waynesboro, Barnwell |
| 49 | 049 | " Savannah R., Allendale, Barnwell, Fairfax |
| 50 | 050 | " Savannah, Yemassee |
| 51 | 051 | " Savannah, Savannah R., Beaufort, Port Royal Sound |
| 52 | 052 | " Beaufort, Hilton Head, Edisto Island |
| 53 | 053 | " Savannah Beach, Hilton Head, Edisto Island |
| 54 | 054 | Atlantic Ocean off Georgia |
| 55 | 055 | " " " " |
| 56 | 056 | " " " " BREAK IN PASS |
| 57 | 057 | BREAK IN PASS, Puerto Rico, San Juan, Arecibo C-30 |
| 58 | 058 | Puerto Rico, San Juan, Roosevelt Roads, Fajardo, Humacao C-20 |
| 59 | 059 | " " " " Humacao, Vieques I. C-20 |
| 60 | 060 | " " Humacao, Vieques I. C-30 |
| 61 | 061 | Caribbean Sea C-40 |
| 62 | 062 | " " C-45 |
| 63 | 063 | " " C-40 |
| 64 | 064 | " " C-30 |
| 65 | 065 | " " C-20 |
| 66 | 066 | " " Aves I. C-20 |
| 67 | 067 | " " " C-15 |
| 68 | 068 | " " " C-10 |
| 69 | 069 | " " C-10 BREAK IN PASS |
| 70 | 070 | BREAK IN PASS, Brazil, Rio Burgueia C-60 |
| 71 | 071 | Brazil, Rio Gurgueia C-65 |
| 72 | 072 | " Serra Vermelha C-75 |
| 73 | 073 | " Serra Tabatira C-75 |
| 74 | 074 | " Serra Do Estreito, Rio Grande C-75 |
| 75 | 075 | " Rio Sao Francisco, Rio Grande C-75 |

L-3

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 76 | SL4-90-076 | Brazil, Rio Sao Francisco C-75 |
| 77 | 077 | " " " " C-80 |
| 78 | 078 | " " " " C-90 |
| 79 | 079 | " C-95 |
| 80 | 080 | " C-99 |
| 81 | 081 | " C-99 |
| 82 | 082 | " C-99 |
| 83 | 083 | " C-99 |
| 84 | 084 | " C-99 |
| 85 | 085 | " C-99 END EREP PASS #4 |
| 86 | 086 | BEGIN EREP PASS #5, New Mexico, Taos, Questa, Rio Grande S-20 |
| 87 | 087 | New Mexico, Wagon Mount, Turkey Mt., Canadian R. C-20 |
| 88 | 088 | " " Tucumcari, Conciyas Res., Canadian R. C-15 |
| 89 | 089 | N.M.-Tex., Ute Lake, Logan Canadian R., Clovis |
| 90 | 090 | Texas, Muleshoe, Hereford, Dimmitt |
| 91 | 091 | " Lubbock, Plainview, Earth, Tulia, Floydada, BREAK IN PASS |
| 92 | 092 | BREAK IN PASS, Texas, Austin, Killeen, Temple, Lampasas |
| 93 | 093 | Texas, Austin, Temple, Taylor, Rockdale |
| 94 | 094 | " Columbus, Somerville Res., Smithville, La Grange |
| 95 | 095 | " Freeport, Richmond, Brazos R., San Luis Pass |
| 96 | 096 | " Bay City, Angleton, Brazos R., San Luis Pass |
| 97 | 097 | " Freeport, Clute, Brazos R., San Luis Pass |
| 98 | 098 | Gulf of Mexico |
| 99 | 099 | " " |
| 100 | 100 | " " |
| 101 | 101 | " " |
| 102 | 102 | " " |
| 103 | 103 | " " C-15 |
| 104 | 104 | " " C-25 |
| 105 | 105 | " " C-30 |
| 106 | 106 | " " C-25 |
| 107 | 107 | " " C-30 |
| 108 | 108 | " " C-25 |
| 109 | 109 | " " C-25 |
| 110 | 110 | " " C-60 BREAK IN PASS |
| 111 | 111 | BREAK IN PASS, Brazil, Rio Japura, Capana, BREAK IN PASS C-40 |
| 112 | 112 | BREAK IN PASS, Brazil, Rio Jutai C-75 |
| 113 | 113 | Brazil, Rio Juati C-90 |
| 114 | 114 | " " " C-92 |
| 115 | 115 | " " " C-85 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 116 | SL4-90-116 | Brazil, Rio Jurua C-80 |
| 117 | 117 | " Rio Repartimento C-80 |
| 118 | 118 | " Rio Coari C-90 |
| 119 | 119 | " " C-90 |
| 120 | 120 | " C-97 |
| 121 | 121 | " C-98 |
| 122 | 122 | " Rio Puras C-90 |
| 123 | 123 | " " C-90 |
| 124 | 124 | " " Rio Mucum C-80 |
| 125 | 125 | " Rio Mucum C-85 |
| 126 | 126 | " Rio Madeira C-80 |
| 127 | 127 | " " , Porto Velho C-80 |
| 128 | 128 | " " " C-90 |
| 129 | 129 | " C-96 |
| 130 | 130 | " C-99 |
| 131 | 131 | " C-99 |
| 132 | 132 | " C-98 BREAK IN PASS |
| 133 | 133 | BREAK IN PASS, Brazil, Rio Anhandui-Mirim C-12 |
| 134 | 134 | Brazil, Rio Pardo, Forquilha C-12 |
| 135 | 135 | " Rio Parana, Rio Parananema, Rio Pardo C-15 |
| 136 | 136 | " Rio Parananema, Santo Ignacio C-20 |
| 137 | 137 | " Condriana, Rolandia, Rio Tibagi C-35 |
| 138 | 138 | " Rio Tibagi C-75 |
| 139 | 139 | " Near Curitiba C-90 END EREP PASS #5 |
| 140 | 140 | BEGIN EREP PASS #6 Kan.-Okla., Liberal |
| 141 | 141 | Kan.-Okla, Liberal, Guymon, Beaver, Cimarron R. |
| 142 | 142 | Okla.-Tex.-Kan., Canadian, Shattuck, Laverne |
| 143 | 143 | Okla.-Tex., Canadian R., Shattuck, Ft. Supply, Woodward |
| 144 | 144 | " " Woodward, Foss Res., Elk City |
| 145 | 145 | Oklahoma, Weatherford, Clinton, Canadian R., Thomas |
| 146 | 146 | " " Canadian R., Ft. Cobb Res. |
| 147 | 147 | " Chickasha, Anadarko, Ft. Cobb Res. C-15 |
| 148 | 148 | " " Lake Ellworth, Apache, Lindsay C-15 |
| 149 | 149 | " Duncan, Pauls Valley, Lindsay, Chickasha C-10 |
| 150 | 150 | Okla.-Tex., Red River, Arbuckle Mts., Ardmore, Ringling |
| 151 | 151 | " " Lake Texoma, Ardmore, Madill C-10 |
| 152 | 152 | " " " Durant, Denison C-30 |
| 153 | 153 | Texas, Bonham, Honey Grove, Sulphur R. C-70 |
| 154 | 154 | " Tyler, Longview, Kilgore C-40 |
| 155 | 155 | Tex.-La., Marshall, Nacogdoches, Carthage, Henderson |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 156 | SL4-90-156 | Louisiana, Ft. Polk, De Ridder, Kinder, Eunice |
| 157 | 157 | " Lafayette, Opelousas, Jennings, Oakdale C-10 |
| 158 | 158 | " " New Iberia, Abbeville, Avery Island C-15 |
| 159 | 159 | " " Vermillion Bay, Atchafalaya R. C-10 |
| 160 | 160 | " New Iberia, Morgan City, Atchafalaya Bay |
| 161 | 161 | " Morgan City, Atchafalaya Bay, Oil slicks |
| 162 | 162 | " Terrebonne Bay, Isle Dernieres, Oil slicks |
| 163 | 163 | " Isle Dernieres, Timbalier I. |
| 164 | 164 | " Terrebonne Bay |
| 165 | 165 | Gulf of Mexico |
| 166 | 166 | " |
| 167 | 167 | " C-15 |
| 168 | 168 | " C-45 |
| 169 | 169 | " C-80 |
| 170 | 170 | " C-25 |
| 171 | 171 | " C-15 |
| 172 | 172 | " C-15 |
| 173 | 173 | " C-25 END EREP PASS #6 |
| 174 | 174 | BEGIN EREP PASS #7, Pacific Ocean off California |
| 175 | 175 | Pacific Ocean off California |
| 176 | 176 | " " " |
| 177 | 177 | " " " , San Miguel I. |
| 178 | 178 | " " " " , Santa Rosa I. |
| 179 | 179 | " " " " " " |
| 180 | 180 | " " " " , San Nicolas I., Santa Rosa I. |
| 181 | 181 | " " " " " |
| 182 | 182 | " " " " " , San Clemente I. |
| 183 | 183 | " " " " , San Clemente I. |
| 184 | 184 | " " " " " " |
| 185 | 185 | " " " " |
| 186 | 186 | " " " |
| 187 | 187 | " " off Mexico |
| 188 | 188 | " " " C-15 |
| 189 | 189 | Baja, California, Cabo Colnett C-12 |
| 190 | 190 | " " " " , Vencente Guerrero |
| 191 | 191 | " " " " , Cabo San Quintin |
| 192 | 192 | " " " " Punta Baja, Rosario |
| 193 | 193 | " " " " Punta San Carlos BREAK IN PASS |
| 194 | 194 | BREAK IN PASS, Nayarit, Islas Marias |
| 195 | 195 | Nayarit, Islas Marias |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 196 | SL4-90-196 | Nayarit, Islas Marias |
| 197 | 197 | " Maria Magdalena I., Maria Cleofas I. |
| 198 | 198 | Jalisco, Cabo Corrientes, El Tuito |
| 199 | 199 | " " " |
| 200 | 200 | " " " Punta Farallon, Purificacion |
| 201 | 201 | Jalisco-Colima, Bahia Tenacatita, Malaque |
| 202 | 202 | " " Malaque |
| 203 | 203 | " Manzanillo, Punta Campos |
| 204 | 204 | Colima-Michoacan, Manzanillo, Coahuayana |
| 205 | 205 | " " " Punta San Juan De Lima |
| 206 | 206 | " " Punta San Juan De Lima, Punta San Telmo |
| 207 | 207 | Michoacan, Punta San Telmo |
| 208 | 208 | Pacific Ocean off Mexico |
| 209 | 209 | " " " END EREP PASS #7 |
| 210 | 210 | South Atlantic Ocean C-75 |
| 211 | 211 | " " " C-80 |
| 212 | 212 | BEGIN EREP PASS #8, Kansas C-100 |
| 213 | 213 | Okla.-Kan., Wellington, Arkansas R. C-75 |
| 214 | 214 | Okla.-Kan., Arkansas R. Ponca City, Hominy C-40 |
| 215 | 215 | Oklahoma, Tulsa, Arkansas R., Keystone Res. C-75 |
| 216 | 216 | Ark.-Okla. C-88 |
| 217 | 217 | Arkansas C-93 |
| 218 | 218 | Arkansas C-99 |
| 219 | 219 | Arkansas C-100 |
| 220 | 220 | La.-Ark. C-96 |
| 221 | 221 | Miss.-La.-Ark., Yazoo R. C-92 |
| 222 | 222 | Mississippi, Jackson, Ross Barnett Res., Yazoo City C-40 |
| 223 | 223 | " " Magee, Forest, Ross Barnett Res. |
| 224 | 224 | Miss.-Ala., Hattiesburg, Laurel |
| 225 | 225 | " Mobile, Mobile Bay, Alabama R. C-30 |
| 226 | 226 | Ala.-Fla., Mobile Bay, Daphne, Perdido Bay C-60 |
| 227 | 227 | Gulf of Mexico C-50 |
| 228 | 228 | " " C-30 |
| 229 | 229 | " " C-35 |
| 230 | 230 | " " C-50 |
| 231 | 231 | " " C-45 |
| 232 | 232 | " " C-30 |
| 233 | 233 | " " C-15 |
| 234 | 234 | " " C-15 |
| 235 | 235 | Florida, Key West, Pirates Cove, Boca Grande Key C-30 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 236 | SL4-90-236 | Florida, Keys, Pigeon Key, Big Pine C-35 |
| 237 | 237 | Cuba, Archipelago De Sabana, Cay Sal Bank BREAK IN PASS C-20 |
| 238 | 238 | BREAK IN PASS, Colombia, Pen. De Guatira C-15 |
| 239 | 239 | Venezuela, Pen. De Paraguana, Golfete De Coro C-15 |
| 240 | 240 | Venezuela, Coro, Churuguara C-35 |
| 241 | 241 | Venezuela, Barquisimeto, San Felipe C-60 |
| 242 | 242 | " San Carlos, Rio Cojedes C-50 |
| 243 | 243 | " Rio Cojedes, Libertad, El Baul C-10 |
| 244 | 244 | " Calabozo, Rio Cojedes C-15 END EREP PASS #8 |
| 245 | 245 | BEGIN EREP PASS #9, California, Russian R. C-60 |
| 246 | 246 | California, Point Reyes, Bodega Bay, Russian R. C-40 |
| 247 | 247 | " San Francisco, San Pablo Bay, Novato C-30 |
| 248 | 248 | " San Joaquin Valley, Diablo Range C-80 |
| 249 | 249 | " C-93 |
| 250 | 250 | " C-90 |
| 251 | 251 | " Sierra Nevada C-82 |
| 252 | 252 | " Mojave Desert C-95 |
| 253 | 253 | " Victorville C-60 |
| 254 | 254 | " Palm Springs, Yucca Valley, 29 Palms C-15 |
| 255 | 255 | " Salton Sea, Indio, 29 Palms, Joshua Tree N.M. |
| 256 | 256 | Cal.-Ariz., Colorado R., Calipatria, All American Canal C-15 |
| 257 | 257 | Cal.-Ariz., Baja, Cal., Sonora, Yuma, San Luis, Gila R. C-15 |
| 258 | 258 | Arizona, Sonora, Lechuguilla Desert, Pinecate Mts. C-15 |
| 259 | 259 | Sonora, Bahia De San Jorge, Rio Sonoyta |
| 260 | 260 | " Rio Magdalena, Caborca |
| 261 | 261 | " Tincheras, Altar, Rio Magdalena |
| 262 | 262 | " Benjamin Hill, Rio Zanjon |
| 263 | 263 | " Novillo Res., Rio Yaqui, Batuc |
| 264 | 264 | " Novillo Dam, Rio Yaqui |
| 265 | 265 | Sonora-Chihuahua, Rio Mayo, Sierra Madre Occidental |
| 266 | 266 | " Sierra Madre Occidental, Rio Verde |
| 267 | 267 | Sinaloa-Chihuahua, Sierra Madre Occidental, Rio San Miguel |
| 268 | 268 | " Durango, Sierra Madre Occidental |
| 269 | 269 | " " " " |
| 270 | 270 | Durango-Sinaloa, Sierra Madre Occidental |
| 271 | 271 | Durango, Rio De Los Lobos, Sierra Madre Occidental |
| 272 | 272 | " Santiago Papasquiaro, Sierra Madre Occidental |
| 273 | 273 | " Laguna De Santiaguillo, Rio Ramos |
| 274 | 274 | " Durango Cantalan, Nombre De Dios |
| 275 | 275 | Durango-Zacatecas-Jalisco, Sierra Madre Occidental |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 276 | SL4-90-276 | Zacatecas-Jalisco, Valparaiso, Jerez De Garcia Salinas |
| 277 | 277 | Zacatecas-Aguacacientes-Jalisco, Aguacalientes, Colotlan |
| 278 | 278 | Aguacalientes-Jalisco, Aguacalientes |
| 279 | 279 | Jalisco-Guanajuato, Leon, Lagos De Moreno |
| 280 | 280 | Guanajuato-Michoacan, Irapuato, Iago De Cuitleo, Morelia |
| 281 | 281 | " " Queretaro-Mexico, Zitacuaro |
| 282 | 282 | Mexico-Michoacan-Guerrero-Morelos, Toluca, Cuernavaca |
| 283 | 283 | Guerrero-Morelos-Mexico, Iguaca, Rio Balsas, Taxco |
| 284 | 284 | Morelos-Puebla-Guerrero, Rio Mexcala C-15 |
| 285 | 285 | Guerrero-Oaxaca, Sierra Madre Del Sur C-25 |
| 286 | 286 | Oaxaca-Rio Verde, Tututepec, Laguna Pastorm C-20 |
| 287 | 287 | Oaxaca, Puerto Angel, Pochutla C-15 |
| 288 | 288 | " Golfo De Tehuantepec C-20 END EREP PASS #9 |
| 289 | 289 | South Atlantic Ocean C-98 |
| 290 | 290 | " " " C-95 |
| 291 | 291 | " " " C-95 |
| 292 | 292 | BEGIN EREP PASS #10, Nevada, Walker Lake C-80 |
| 293 | 293 | Nevada, Walker Lake, Hawthorne, Yerington C-50 |
| 294 | 294 | " " " Lucky Boy Pass C-50 |
| 295 | 295 | " Sodaville, Coaldale, Excelsior Mts. C-50 |
| 296 | 296 | " Tonopah, Mud Lake, Silverpeak C-50 |
| 297 | 297 | " " Gold Field, Silverpeak Range C-50 |
| 298 | 298 | " Mud Lake, Cactus Range C-30 |
| 299 | 299 | " Pahute Mesa, Gold Flat, C-20 BREAK IN PASS |
| 300 | 300 | BREAK IN PASS, Nevada-Arizona, Lake Mead, Colorado River |
| 301 | 301 | Arizona, Lake Mead, Colorado R., Grand Canyon, Lower Granite Gorge |
| 302 | 302 | " Colorado R., Lower Granite Gorge, Grand Wash Cliffs |
| 303 | 303 | " Seligman, Ash Fork, Aquarius Mt. |
| 304 | 304 | " Prescott, Seligman, Ash Fork |
| 305 | 305 | " " Clarkdale, Jerome, Cottonwood |
| 306 | 306 | " " Jerome, Camp Verde, Verde R. |
| 307 | 307 | " Verde R., Bartlett Res., Mazatzal Wilderness |
| 308 | 308 | " Payson, T. Roosevelt Lake, Tonto Basin |
| 309 | 309 | " Globe, Miami, Tonto Basin, Lake T. Roosevelt |
| 310 | 310 | " " San Carlos Res., Fort Apache |
| 311 | 311 | " San Carlos Res., Gila R., Salt River, Bylas |
| 312 | 312 | " Safford, Gila R., Morenci, Clifton, Salt R. |
| 313 | 313 | Ariz.-N.M., Safford, Morenci, Duncan, San Simon |
| 314 | 314 | " Lordsburg, Animas Valley, Alkali Flat |
| 315 | 315 | New Mexico, Lordsburg, Playas Lake, Hachita |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 316 | SL4-90-316 | New Mexico-Chihuahua, Lordsburg, Playas Lake |
| 317 | 317 | " " Columbus, Palomas, Rio Casas Grandes |
| 318 | 318 | " " " Laguna De Guzman |
| 319 | 319 | Chihuahua, Laguna De Gozman, Guzman, Rio Santa Maria |
| 320 | 320 | " Laguna De Santa Maria, Aguas Termales |
| 321 | 321 | " Villa Ahumada, Laguna De Patos, Lucero |
| 322 | 322 | " " " " Moctezuma |
| 323 | 323 | " Laguna De Encinillas, Sierra De Hueso, Gallego |
| 324 | 324 | " " " BREAK IN PASS |
| 325 | 325 | BREAK IN PASS, Veracruz, Emilio Carranza C-7C |
| 326 | 326 | Veracruz, Punta Zempoala C-65 |
| 327 | 327 | " Arrecife Anegada De Afuera, Arrecife El Cabezo C-40 |
| 328 | 328 | " " " " " C-25 |
| 329 | 329 | " Santiago Tuxla, Punta Roca Patida C-20 |
| 330 | 330 | " Lago Catemaco, Santiago Tuxla C-18 |
| 331 | 331 | " Coatzacoalcos, Rio Coatzacoalcos, Minatitlan C-12 |
| 332 | 332 | Veracruz-Tabasco, Coatzacoalcos, Rio Uspauapa C-10 |
| 333 | 333 | Veracruz-Tabasco-Chiapas, Coatzacoalcos, Rio Redregal |
| 334 | 334 | " " " Netzabualcoyot Res., Rio Grijalva |
| 335 | 335 | " " " " " |
| 336 | 336 | Chiapas, Tuxca Gutierrez, Netabualcoyot Res., Ocozo Coautla C-10 |
| 337 | 337 | " " " Rio Grijalva C-10 |
| 338 | 338 | " " " " " Sierra Soconusco |
| 339 | 339 | " Rio Grijalva, Nuevo Mexico, La Concordia |
| 340 | 340 | Mexico-Guatemala, Rio Cuilco, Motozintla, Rio Grijalva C-14 |
| 341 | 341 | " " " " " Huehuetenango C-12 |
| 342 | 342 | Guatemala, Quetzaltenango, San Sebastian, Coatepeque C-16 |
| 343 | 343 | " Lago Atitlan, Quetzaltenango, Santa Cruz De Quiche C-17 |
| 344 | 344 | " " " Patzun, Santa Lucia C-21 |
| 345 | 345 | " " " San Jose, Escuintla C-25 |
| 346 | 346 | " San Jose, Escuintla C-15 |
| 347 | 347 | " " " Isiapa C-15 |
| 348 | 348 | " Las Lisas C-18 |
| 349 | 349 | Pacific Ocean off Central America C-12 |
| 350 | 350 | " " " " " |
| 351 | 351 | " " " " " |
| 352 | 352 | " " " " " |
| 353 | 353 | " " " " " |
| 354 | 354 | " " " " " |
| 355 | 355 | " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | |
|--------------|-------------|-------------------------------------|---|---|---|------------------|
| 356 | SL4-90-356 | Pacific Ocean off Central America | | | | |
| 357 | 357 | " | " | " | " | C-10 |
| 358 | 358 | " | " | " | " | C-15 |
| 359 | 359 | " | " | " | " | C-20 |
| 360 | 360 | " | " | " | " | C-25 |
| 361 | 361 | " | " | " | " | C-25 |
| 362 | 362 | " | " | " | " | C-20 |
| 363 | 363 | " | " | " | " | C-20 Partial Fog |
| 364 | 364 | " | " | " | " | C-20 Tape, Fog |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. 91 (CT-11) CAMERA Earth Terrain LENS 18"450-mm FILM TYPE SO-242
 DESCRIPTION High Resolution
Aerial Ektachrome WIDTH 5"

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 1 | SL4-91-001 | BEGIN EREP PASS #11, Tex., Laredo, Encinal, Freer, Oilton |
| 2 | 002 | Tex., Freer, Hebronville, Bustamante |
| 3 | 003 | " Falfurrias, Hebronville, Benavides, San Diego |
| 4 | 004 | " " King Ranch |
| 5 | 005 | " Mexico (Taumalipas), McAllen, Harlingen, Edinburg |
| 6 | 006 | " " " Matamoros, Brownsville, Raymondville |
| 7 | 007 | " " " Brownsville, Matamoros, Harlingen |
| 8 | 008 | " " " Mouth of Rio Grande |
| 9 | 009 | Mexico (Taumalipas), Laguna Del Baril |
| 10 | 010 | Gulf of Mexico |
| 11 | 011 | " " " |
| 12 | 012 | " " " BREAK IN PASS |
| 13 | 013 | BREAK IN PASS, Mexico (Campeche), C-25 |
| 14 | 014 | Mexico (Campeche), Champoton, C-30 |
| 15 | 015 | " " " Pustunich, C-40 |
| 16 | 016 | " " " Pich, C-60 |
| 17 | 017 | " " Quintana Roo) Silvituc, C-70 |
| 18 | 018 | " " Silvituc, C-70 |
| 19 | 019 | " Guatemala, Xculculche, C-80 |
| 20 | 020 | Guatemala, Belize, Mexico (Q.R.-Camp.), C-80 |
| 21 | 021 | Belize, Guatemala, Mexico, (Quintana Roo), Gallon Jug, Hill Bank, C-70 |
| 22 | 022 | Guatemala, Belize, Orange Walk, Gallon Jug, Belize R., C-60 |
| 23 | 023 | " " Stann Creek, Orange Walk, Middlesex, C-60 |
| 24 | 024 | Belize, Stann Creek, Mango Creek, Rancho Grande, C-35 |
| 25 | 025 | " Guatemala, Mango Creek, Monkey R., Rio Motagua, C-15 |
| 26 | 026 | Honduras, Guatemala, San Pedro Sula, Puerto Cortez, Tela, C-15 |
| 27 | 027 | " San Pedro Sula, La Lima, Tela, El Progreso |
| 28 | 028 | " La Lima, El Progreso, Tela, Rio Aguan |
| 29 | 029 | " Cordillera Nombre De Dios, Yoro, Rio Sulaco, C-15 |
| 30 | 030 | " Yoro, Guaimaca, Montana De La Flor, C-25 |
| 31 | 031 | " Guaimaca, Juticalpa, Rio Guayape, Danli, C-30 |
| 32 | 032 | " Nicaragua, Juticalpa, Danli, El Paraiso, C-40 |
| 33 | 033 | " " El Paraiso, Danli, Ocotal, Rio Coco, C-40 |
| 34 | 034 | " " Rio Coco, Jino, La Vigia, C-40 |
| 35 | 035 | Nicaragua, Metagalpa, Jino, Lago Apanas, C-50 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 36 | SL4-91-036 | Nicaragua, Metagalpa, Rio Metagalpa, Rio Tuma, C-65 |
| 37 | 037 | " Rio Metagalpa, Rio Mico, C-70 |
| 38 | 038 | " Rio Mica, Rio Siquia, C-70 |
| 39 | 039 | " Rama, Rio Mica, Rio Siquia, C-75 |
| 40 | 040 | " " " Rio Punta Gorda, C-70 |
| 41 | 041 | " Rio Maiz, Rio Punta Gorda, C-70 |
| 42 | 042 | " Costa Rica, San Juan Del Norte, Rio San Juan, C-75 |
| 43 | 043 | " " " Rio San Juan, San Juan Del Norte, C-50 |
| 44 | 044 | " " " " Rio Agua Fria, C-30 |
| 45 | 045 | Costa Rica, Puerto Limon, Matina, Siquires, C-30 |
| 46 | 046 | " " Panama, Puerto Limon, Matina, Punta Cahuita, C-20 |
| 47 | 047 | " " " " Guabito, Sizaola, C-20 |
| 48 | 048 | " " " Bocas Del Toro, Almirante, El Volcan, C-30 |
| 49 | 049 | Panama, Almirante, Bocas Del Toro, Boquete, Chiriqui Volcano, C-35 |
| 50 | 050 | " Laguna Chiriqui, Vol. Chiriqui, Chiriqui, Chiriqui Grande |
| 51 | 051 | " Chiriqui, Golfo De Chiriqui, Remidios, Cerro Santiago, C-40 |
| 52 | 052 | " Remidios, Cerro Santiago, Islas Contraras, C-35 |
| 53 | 053 | " Isla Cebaco, Golfo De Montijo, Santiago, C-30 |
| 54 | 054 | " Golfo De Montijo, Santiago, Isla Cebaco, C-30 |
| 55 | 055 | " Pen. De Azuero, Punta Naranjos, C-30 |
| 56 | 056 | " " " " Punta Guanico, C-35 |
| 57 | 057 | Pacific O. off Panama, C-30 |
| 58 | 058 | " " " " C-35 |
| 59 | 059 | " " " " C-60 |
| 60 | 060 | " " " " C-90 |
| 61 | 061 | " " " " C-95 |
| 62 | 062 | " " " Colombia, C-93 |
| 63 | 063 | " " " " C-90 |
| 64 | 064 | " " " " C-88 |
| 65 | 065 | " " " " C-80 |
| 66 | 066 | " " " " " |
| 67 | 067 | " " " " C-70 |
| 68 | 068 | Colombia, Isla Aji, C-65 |
| 69 | 069 | " " " C-80 |
| 70 | 070 | " El Bordo, Rio Patia, C-85 |
| 71 | 071 | " Rio Patia, C-75 |
| 72 | 072 | " " Bolivar, C-70 |
| 73 | 073 | " Cordillera Central, C-75 |
| 74 | 074 | " Rio Caqueta, C-70 |
| 75 | 075 | " " C-50 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 76 | SL4-91-076 | Colombia, Ecuador, Rio Caqueta, Rio Putumayo, C-35 |
| 77 | 077 | " " " " " " C-15 |
| 78 | 078 | " " " " " " C-15 |
| 79 | 079 | " " " " " " C-15 |
| 80 | 080 | " " " " " " C-15 |
| 81 | 081 | " " " " " " C-15 |
| 82 | 082 | Peru, Rio Napo, Rio Tambor Yaco, C-35 |
| 83 | 083 | " " " " " " C-15 |
| 84 | 084 | " " " " " " C-15 |
| 85 | 085 | " " " " " " C-15 |
| 86 | 086 | " " " " " " C-15 |
| 87 | 087 | " " " " " " C-15 |
| 88 | 088 | BREAK IN PASS, Bolivia, overexposed, Rio Mamore, C-90 |
| 89 | 089 | Bolivia, overexposed, Rio Memore, C-90 |
| 90 | 090 | " " " " " " END EREP PASS #11 |
| 91 | 091 | BEGIN EREP PASS #12, La., Morgan City, Atchafalaya Bay |
| 92 | 092 | La., Terrebonne Bay, Isles Dernieres, C-10 |
| 93 | 093 | Gulf of Mexico, C-90 |
| 94 | 094 | " " " " " " C-100, BREAK IN PASS |
| 95 | 095 | BREAK IN PASS, Caribbean Sea, C-20 |
| 96 | 096 | Caribbean Sea, C-15 |
| 97 | 097 | Colombia, Barranquilla, Mouth of Magdalena, C-10 |
| 98 | 098 | " " " " " " C-15 |
| 99 | 099 | " " " " " " C-15 |
| 100 | 100 | " " " " " " C-15 |
| 101 | 101 | " " " " " " C-15 |
| 102 | 102 | " " " " " " C-15 |
| 103 | 103 | " " " " " " C-15 |
| 104 | 104 | " " " " " " C-15 |
| 105 | 105 | " " " " " " C-15 |
| 106 | 106 | " " " " " " C-15 |
| 107 | 107 | " " " " " " C-15 |
| 108 | 108 | " " " " " " C-15 |
| 109 | 109 | " " " " " " C-15 |
| 110 | 110 | Venezuela, Rio Dornadas, C-50 |
| 111 | 111 | " " " " " " C-50 |
| 112 | 112 | " " " " " " C-50 |
| 113 | 113 | " " " " " " C-50 |
| 114 | 114 | Colombia, Rio Cravonorte, C-70 |
| 115 | 115 | " " " " " " C-55 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|-------------------------------------|
| 116 | SL4-91-116 | Colombia, Rio Meta, C-30 |
| 117 | 117 | " " " C-15 |
| 118 | 118 | " Rio Tamo, Rio Vichada, C-20 |
| 119 | 119 | " Rio Vichada, C-20 |
| 120 | 120 | " " " C-25 |
| 121 | 121 | " Rio Guaviare, C-30 |
| 122 | 122 | " " " C-35 |
| 123 | 123 | " " " Rio Inirida, C-25 |
| 124 | 124 | " Rio Inirida, C-25 |
| 125 | 125 | " " " Rio Guainia, C-50 |
| 126 | 126 | " Venezuela, Rio Guainia, C-55 |
| 127 | 127 | " " " Brazil, Rio Guainia, C-80 |
| 128 | 128 | " " " " C-98 |
| 129 | 129 | " " " " Rio Negro, C-85 |
| 130 | 130 | " " " " " " " Cucui, C-50 |
| 131 | 131 | " " " " " " " C-30 |
| 132 | 132 | Venezuela, Brazil, Rio Negro, C-30 |
| 133 | 133 | Brazil, Rio Ia., C-35 |
| 134 | 134 | " Rio Negro, C-30 |
| 135 | 135 | " " " " " |
| 136 | 136 | " " " " C-50 |
| 137 | 137 | " " " " " |
| 138 | 138 | Brazil, C-60 |
| 139 | 139 | " C-70 |
| 140 | 140 | " C-85 |
| 141 | 141 | " Rio Unini, C-90 |
| 142 | 142 | " Rio Jua, C-95 |
| 143 | 143 | " " " C-96 |
| 144 | 144 | " C-97 |
| 145 | 145 | " " " |
| 146 | 146 | " Amazon R., C-90 |
| 147 | 147 | " " " C-80 |
| 148 | 148 | " " " " |
| 149 | 149 | " Lago Aiapua, C-90 |
| 150 | 150 | " " " C-95 |
| 151 | 151 | " C-90 |
| 152 | 152 | " Rio Madeira, C-80 |
| 153 | 153 | " " " Manicore, C-70 |
| 154 | 154 | " " " " C-75 |
| 155 | 155 | " Rio Manicore, C-75 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 156 | SL4-91-156 | Brazil, Rio Aripuana, C-70 |
| 157 | 157 | " " " C-65 |
| 158 | 158 | " " " C-45 |
| 159 | 159 | " " " " |
| 160 | 160 | " Rio Jurueua, C-40 |
| 161 | 161 | " " " C-55 |
| 162 | 162 | " Rio Arinos, C-40 |
| 163 | 163 | " " " " |
| 164 | 164 | " " " C-30 |
| 165 | 165 | " Serra Do Caiabis, C-30 |
| 166 | 166 | " Rio Teles Pires, C-65 |
| 167 | 167 | " " " " |
| 168 | 168 | " " " Serra Azul, C-80 |
| 169 | 169 | " Serra Azul, C-75 |
| 170 | 170 | " Rio Mortes, C-85 |
| 171 | 171 | " " " C-95 |
| 172 | 172 | " Rio Das Gaicas, C-90 |
| 173 | 173 | " Rio Araguaia, C-85 |
| 174 | 174 | " Rio Claro, C-85 |
| 175 | 175 | " Rio Paraniba, C-80 |
| 176 | 176 | " Rio Grande, C-65 |
| 177 | 177 | " " " C-70 |
| 178 | 178 | " Rio Tete, C-85 |
| 179 | 179 | " " " C-90, END EREP PASS #12 |
| 180 | 180 | BEGIN EREP PASS #14, Nepal, Tibet, Himalaya Mts., Niuku, S-65 |
| 181 | 181 | Nepal, Tibet, Himalaya Mts., Phaulaquiri Peak, S-50 |
| 182 | 182 | " " " Annapurna Peak, S-40 |
| 183 | 183 | " " Katmandu, Gosanitan Peak, S-40 |
| 184 | 184 | " " Himalaya Mts., C-30 |
| 185 | 185 | " Sun Kosi River, Himalaya Mts., S-20 |
| 186 | 186 | " " " Ramechhap, Himalaya Mts., S-10 |
| 187 | 187 | " " " Himalaya Mts., C-20 |
| 188 | 188 | " " " C-70 |
| 189 | 189 | " India, C-95 |
| 190 | 190 | " " C-100 |
| 191 | 191 | " " Bangladesh, C-100 |
| 192 | 192 | India, Bangladesh, C-100 |
| 193 | 193 | " " " |
| 194 | 194 | Bangladesh, C-100 |
| 195 | 195 | " " BREAK IN PASS |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 236 | SL4-91-236 | Indonesia (Borneo), Sumbas River Mouth, C-60 |
| 237 | 237 | " " Pamangkat, Singkawang, C-60 |
| 238 | 238 | " " " " C-75 |
| 239 | 239 | " " Mampawah, C-78 |
| 240 | 240 | " " " " C-85 |
| 241 | 241 | " " Pontianar, C-80, BREAK IN PASS |
| 242 | 242 | BREAK IN PASS, Indonesia (Java), Pulau Rass, Pulau Sapudi, C-15 |
| 243 | 243 | Indonesia, Pulau Rass, Pulau Sapudi, Pulau Kangean, C-15 |
| 244 | 244 | " " " " Pulau Kangean, Bali Sea, C-20 |
| 245 | 245 | " Bali I., C-30 |
| 246 | 246 | " " " Sumbawa I., C-60 |
| 247 | 247 | " " " Penida I., C-70 |
| 248 | 248 | " Lombok I., C-80 |
| 249 | 249 | " " " C-90, END EREP PASS # 14 |
| 250 | 250 | BEGIN EREP PASS #15, Malaysia (Borneo), Coast, C-90 |
| 251 | 251 | Malaysia (Borneo), Coast at Mokah, C-85 |
| 252 | 252 | " " Batang Rajang, Sibul, C-74 |
| 253 | 253 | " " " " C-65 |
| 254 | 254 | " " " " C-50 |
| 255 | 255 | " " " " C-55 |
| 256 | 256 | " Indonesia (Borneo), Upper Kapuas Mt , C-75 |
| 257 | 257 | " " " " " " C-80 |
| 258 | 258 | " " " " " " C-85 |
| 259 | 259 | Indonesia (Borneo), C-85 |
| 260 | 260 | " " C-80 |
| 261 | 261 | " " C-75 |
| 262 | 262 | " " C-70 |
| 263 | 263 | " " C-60 |
| 264 | 264 | " " C-40 |
| 265 | 265 | " " Sungai Barito R., C-60 |
| 266 | 266 | " " " " " C-80 |
| 267 | 267 | " " C-80 |
| 268 | 268 | " " Sungai Barito R., C-80 |
| 269 | 269 | " " Gunung Besar Mts., Sungai Barito R., C-35 |
| 270 | 270 | " " Teluk Ilumpeng, C-10 |
| 271 | 271 | " " Pulau Laut, Pulau Sebuku, C-10 |
| 272 | 272 | " " " " " " " |
| 273 | 273 | " " " " C-35, BREAK IN PASS |
| 274 | 274 | " Kepulauan Sabalana Is., C-35 |
| 275 | 275 | " Flores I., C-10 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 276 | SL4-91-276 | Indonesia, Saw U I. |
| 277 | 277 | BREAK IN PASS, Australia (N. Terr.), Chilla Well, C-18 |
| 278 | 278 | Australia (N. Terr.), Lander Creek, C-18 |
| 279 | 279 | " " " Mount Wedge, Lander Creek, C-15 |
| 280 | 280 | " " " Mount Denison, C-10 |
| 281 | 281 | " " " 16-Mile Creek, Hamilton Downs, C-15 |
| 282 | 282 | " " " MacDonnell Ranges, C-20 |
| 283 | 283 | " " " Alice Springs, MacDonnell Ranges, C-35 |
| 284 | 284 | " " " " " C-40 |
| 285 | 285 | " " " " " C-41 |
| 286 | 286 | " " " MacDonnell Ranges, C-35, BREAK IN PASS |
| 287 | 287 | BREAK IN PASS, Pacific O., 50°S-160°W, C-35 |
| 288 | 288 | Pacific O., 50°S-160°W, C-35 |
| 289 | 289 | " " " " END EREP PASS #15 |
| 290 | 290 | BEGIN EREP PASS #20, Pacific O. off Mexico |
| 291 | 291 | Mexico (Colima), Punta Chamela, C-10 |
| 292 | 292 | " (Jalisco), Bahia Tenacatita, C-10 |
| 293 | 293 | " " " Bahia Chamela |
| 294 | 294 | " " Autlan, Talpa De Allende |
| 295 | 295 | " " Ameca, Autlan, Talpa De Allende |
| 296 | 296 | " " " Etzatlan, Cocula |
| 297 | 297 | " " Guadalajara, Tequila, Amatitan |
| 298 | 298 | " " Rio Juchipila |
| 299 | 299 | " " Juchipila, Teocactiche, Rio Juachipila |
| 300 | 300 | " " Aguacalientes) Aguacalientes, Rio Juachipila |
| 301 | 301 | " (Aguacalientes-Zacatecas), Aguacalientes, Zacatecas |
| 302 | 302 | " (Zacatecas), Zacatecas, Salinas, BREAK IN PASS |
| 303 | 303 | BREAK IN PASS, Ky., Tenn., C-100 |
| 304 | 304 | Ky., C-100 |
| 305 | 305 | " " |
| 306 | 306 | " " |
| 307 | 307 | " " |
| 308 | 308 | " " |
| 309 | 309 | W. Va., Ky., C-100 |
| 310 | 310 | Ohio, W. Va., Ky., C-100 |
| 311 | 311 | " " " " " |
| 312 | 312 | " " " C-100 |
| 313 | 313 | " " " " |
| 314 | 314 | " " " " |
| 315 | 315 | " " " " |

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| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 356 | SL4-91-356 | Gulf of Mexico, C-20 |
| 357 | 357 | " " " C-45 |
| 358 | 358 | " " " " |
| 359 | 359 | " " " " |
| 360 | 360 | " " " C-60 |
| 361 | 361 | " " " C-65 |
| 362 | 362 | " " " C-55 |
| 363 | 363 | Fla., Cape San Blas, St. George I., C-65, BREAK IN PASS |
| 364 | 364 | BREAK IN PASS, Atlantic O. off Mid-Atlantic States, C-100 |
| 365 | 365 | Atlantic O. off Mid-Atlantic States, C-100 |
| 366 | 366 | " " " " " |
| 367 | 367 | " " " " " |
| 368 | 368 | " " " " " |
| 369 | 369 | " " " " " |
| 370 | 370 | " " " " C-95 |
| 371 | 371 | " " " " C-65 |
| 372 | 372 | " " " " C-60 |
| 373 | 373 | " " " " C-95 |
| 374 | 374 | " " " " " |
| 375 | 375 | " " " " C-90 |
| 376 | 376 | " " " " " |
| 377 | 377 | " " " " C-80 |
| 378 | 378 | " " " " " |
| 379 | 379 | " " " New England, C-80 |
| 380 | 380 | " " " " C-90 |
| 381 | 381 | " " " " " |
| 382 | 382 | " " " " " |
| 383 | 383 | " " " " " |
| 384 | 384 | " " " " " |
| 385 | 385 | " " " " " |
| 386 | 386 | " " " " C-80 |
| 387 | 387 | " " " " " |
| 388 | 388 | " " " " C-70 |
| 389 | 389 | " " " " " |
| 390 | 390 | " " " " C-75 |
| 391 | 391 | " " " " C-80 |
| 392 | 392 | " " " " C-85 |
| 393 | 393 | " " " " C-90 |
| 394 | 394 | " " " " " |
| 395 | 395 | " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 396 | SL4-91-396 | Atlantic O. off New England, C-90 |
| 397 | 397 | " " " " " C-95 |
| 398 | 398 | " " " " " " |
| 399 | 399 | " " " " " " |
| 400 | 400 | " " " " " " |
| 401 | 401 | " " " " " " |
| 402 | 402 | " " " " " " |
| 403 | 403 | " " Partial Frame, Tape, C-95, END EREP PASS #21 |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. 92 (CT-12) CAMERA Earth Terrain LENS 18"450-mm FILM TYPE SO-242
DESCRIPTION High Resolution Aerial
Ektachrome WIDTH 5-inch

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 1 | SL4-92-001 | Moon-lunar calibration |
| 2 | 002 | " " " |
| 3 | 003 | " " " |
| 4 | 004 | " " " |
| 5 | 005 | " " " |
| 6 | 006 | " " " |
| 7 | 007 | " " " |
| 8 | 008 | " " " |
| 9 | 009 | " " " |
| 10 | 010 | " " " |
| 11 | 011 | " " " |
| 12 | 012 | " " " |
| 13 | 013 | BEGIN EREP PASS #26, (1-11-74) Mexico (Sonora), Guaymas |
| 14 | 014 | Mexico (Sonora), Rio Matapo |
| 15 | 015 | " " Novillo Res., Rio Yaqui |
| 16 | 016 | " " Rio Yaqui, Sierra Madre Occidental |
| 17 | 017 | " (Chihuahua-Sonora), Rio Bavispi, Sierra Madre Occidental |
| 18 | 018 | " " Nuevo Casas Grandes, Rio Bavispi |
| 19 | 019 | " ("), Nuevo Casas Grandes, Rio Casas Grandes |
| 20 | 020 | " " Laguna Guzman, Rio Santa Maria |
| 21 | 021 | " " " Santa Maria, Laguna Guzman |
| 22 | 022 | N. M., Mexico, (Chihuahua), Laguna Santa Maria |
| 23 | 023 | Tex., N. M., Mexico, (Chihuahua), El Paso, Juarez, Rio Grande |
| 24 | 024 | " " " " " " " " " Horizon City |
| 25 | 025 | " " " " " " " " " Rio Grande |
| 26 | 026 | " " " Sacramento Mts., Oro Grande |
| 27 | 027 | N. M., Sacramento Mts., Guadalupe Mts., Pinon |
| 28 | 028 | " " " " " " " Elk |
| 29 | 029 | " " Roswell, Pecos R., Artesia Monument, Canyon |
| 30 | 030 | " " " " " Bottomless Lakes, Mescalero Sands |
| 31 | 031 | " " " " " Mescalero Sands |
| 32 | 032 | " " Tex., Clovis, Portales, Elida |
| 33 | 033 | " " " " " Muleshoe, Bovina |
| 34 | 034 | " " " " " Muleshoe, Burning Water Creek, C-15 |
| 35 | 035 | Tex., Erlona, Tierra Blanca Creek, C-60 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 36 | SL4-92-036 | Tex., Panhandle area, C-90 |
| 37 | 037 | " " " C-100 |
| 38 | 038 | " " " " |
| 39 | 039 | " " " " |
| 40 | 040 | " Okla., Canadian R., C-70, S-20 |
| 41 | 041 | " " " " Shattuck, C-40, S-50 |
| 42 | 042 | " " Kan., Woodward, N. Canadian R., Laverne, C-15, S-75 |
| 43 | 043 | Okla., Kan., Woodward, N. Canadian R., Cimarron R., S-90 |
| 44 | 044 | " " Cimarron R., Salt Fork, Goldwater, S-100 |
| 45 | 045 | " " Salt Fork, Medicine Lodge, Pratt, S-100 |
| 46 | 046 | Kan., Pratt, Medicine Lodge, Kingman, S-100 |
| 47 | 047 | " Wichita, Arkansas R., Hutchinson, S-100 |
| 48 | 048 | " Wichita, Hutchinson, Arkansas R., S-100 |
| 49 | 049 | " Newton, McPherson, Marion Res., S-100 |
| 50 | 050 | " Marion Res., Council Grove, Herrington, S-100 |
| 51 | 051 | " Kansas R., Emporia, Osage City, S-100 |
| 52 | 052 | " Topeka, Kansas R., St. Mary's, S-100 |
| 53 | 053 | " " " Lawrence, S-100 |
| 54 | 054 | " Mo., Kansas City, Kansas R., Missouri R., S-100 |
| 55 | 055 | " " " " Missouri R., St. Joseph, S-100, C-10 |
| 56 | 056 | " " St. Joseph, Cameron, Plattsburg, Missouri R., S-100, C-30 |
| 57 | 057 | Mo., Gallatin, Grand R., C-50, S-100 |
| 58 | 058 | " Iowa, Grand R., C-75, S-100 |
| 59 | 059 | " " C-80, S-100 |
| 60 | 060 | " " Ottumwa, Des Moines R., C-70, S-100, BREAK IN PASS |
| 61 | 061 | BREAK IN PASS, Quebec, Gaspé Pen. & Passage, St. Lawrence R., C-60 |
| 62 | 062 | Quebec, Gaspé Pen. & Passage, Anticosti I., St. Lawrence R., C-40 S-100 |
| 63 | 063 | " Anticosti I., Gaspé Pen. & Passage, St. Lawrence R., " " |
| 64 | 064 | " " " St. Lawrence R., Gaspé Passage, C-30, S-100 |
| 65 | 065 | " " " Jacques Cartier & Gaspé Passage, C-40, S-100 |
| 66 | 066 | " " " " " Passage, C-50, S-100 |
| 67 | 067 | " " " " " Ice flows, C-50, S-100 |
| 68 | 068 | Gulf of St. Lawrence, Ice flows, C-40 |
| 69 | 069 | Quebec, Lake I., Gulf of St. Lawrence, Ice flows, C-10, S-100 |
| 70 | 070 | " " " " " " " " " C-30, S-100 |
| 71 | 071 | " " " " " " " " " C-25, S-100 |
| 72 | 072 | Newfoundland, Gros Morn, Gulf of St. Lawrence, C-30, S-100 |
| 73 | 073 | " Bonne Bay, Western Brook Pond, Gros Morn, C-20, S-100 |
| 74 | 074 | " Long Range Mts., Cow Head, Bonne Bay, C-15, S-100 |
| 75 | 075 | " " " " " White Bay, Gold Cove, C-10, S-100 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 76 | SL4-92-076 | Newfoundland, White Bay, Horse I., Baie Varie, C-10, S-100 |
| 77 | 077 | " Confusion Bay, White Bat, Notre Dame Bay, C-10, S-100 |
| 78 | 078 | " Cape St. John, Notre Dame Bay, Nippers Harbour, C-30, S-100 |
| 79 | 079 | " New World I., Fogo I., Wale's Gulch, C-30, S-100 |
| 80 | 080 | " Fogo I., Change I., Joe Batt's Arm, C-40, S-100 |
| 81 | 081 | Atlantic O. east of Newfoundland, ice flows, C-40 |
| 82 | 082 | " " " " " " " " C-45 |
| 83 | 083 | " " " " " " " " C-60 |
| 84 | 084 | " " " " " " " " C-65 |
| 85 | 085 | " " " " " " " " C-70 |
| 86 | 086 | " " " " " " " " C-75 |
| 87 | 087 | " " " " " " " " C-80 |
| 88 | 088 | " " " " " " " " C-85 |
| 89 | 089 | " " " " " " " " C-85 |
| 90 | 090 | " " " " " " " " " |
| 91 | 091 | " " " " " " " " " END EREP PASS #26 |
| 92 | 092 | BEGIN EREP PASS #27 (1-12-74), Sea of Cortez, C-92 |
| 93 | 093 | Sea of Cortez, C-90 |
| 94 | 094 | Mexico (Sinaloa), Punta Perihuate, Rio Sinaloa, C-85 |
| 95 | 095 | " " Los Mochis, Rio Sinaloa, Punta Perihuate, C-80 |
| 96 | 096 | " " " " " " " " C-50 |
| 97 | 097 | " " Rio Sinaloa, Rio Furte, C-35 |
| 98 | 098 | " (Sinaloa-Chihuahua), Rio Sinaloa, Mesa Larga, C-25 |
| 99 | 099 | " " Rio San Miguel, Sierra Madre Occidental |
| 100 | 100 | " " " " " " " " " C-10 |
| 101 | 101 | " (Chihuahua), Sierra Madre Occidental, Rio Urique, C-10 |
| 102 | 102 | " " " " " " " " BREAK IN EREP PASS |
| 103 | 103 | BREAK IN EREP PASS, Okla., Tulsa, Arkansas R., C-40, S-30 |
| 104 | 104 | Okla., Tulsa, Arkansas R., Ft. Gibson Res., Oologah Res., C-40, S-40 |
| 105 | 105 | " Kan., Lake of Cherokee's, Vinita, Neosho R., C-20, S-65 |
| 106 | 106 | " " Mo., Lake of Cherokee's, Miami, Neosho R., C-40, S-80 |
| 107 | 107 | " " " " " " " " Neosho R., C-65, S-100 |
| 108 | 108 | Mo., Kan., Neosho R., C-80, S-100 |
| 109 | 109 | " " Spring R., C-90, S-100 |
| 110 | 110 | " Sac R., C-90, S-100 |
| 111 | 111 | " Lake of the Ozarks, Osage R., C-80, S-100 |
| 112 | 112 | " Osage R., Jefferson City, Missouri R., C-60, S-100 |
| 113 | 113 | " Missouri R., Osage R., Jefferson City, C-40, S-100 |
| 114 | 114 | " " Fulton, Gasconade R., C-10, S-100 |
| 115 | 115 | " Ill., Mississippi R., Missouri R., Illinois R., S-100 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 116 | SL4-92-116 | Mo., Ill., Miss., Mo., & Ill. Rivers, Portage Des Sioux, S-100 |
| 117 | 117 | " " Miss. & Ill. Rivers, Jacksonville, S-100 |
| 118 | 118 | Ill., Springfield, Jacksonville, Sangamon R., S-100 |
| 119 | 119 | " " Decatur, Lincoln, S-100 |
| 120 | 120 | " Decatur, Sangamon R., Clinton, S-100 |
| 121 | 121 | " " Champaign-Urbana, S-100 |
| 122 | 122 | " Champaign-Urbana, Bloomington, S-100 |
| 123 | 123 | " Ind., Kankakee, Kankakee R., Gibson City, S-100 |
| 124 | 124 | " " Crown Point, Gary, S-100 |
| 125 | 125 | Ind., Ill., Crown Point, Gary, Monom, Porter, S-100 |
| 126 | 126 | " Gary, Michigan City, La Porte, Kankakee R., S-100 |
| 127 | 127 | " Mich., South Bend, Elkhart, Niles, Plymouth, C-40, S-100 |
| 128 | 128 | " " " St. Joseph R., Goshen, C-60, S-100 |
| 129 | 129 | Mich., Ind., Kalamazoo, Sturgis, C-70, S-100 |
| 130 | 130 | " " Battle Creek, Albion, C-40, S-100 |
| 131 | 131 | " Jackson, Lansing, Charlotte, C-25, S-100 |
| 132 | 132 | " " Flint, Ann Arbor, C-15, S-100 |
| 133 | 133 | " Detroit, Flint, Pontiac, Ann Arbor, S-100 |
| 134 | 134 | " Ontario, Detroit, Pontiac, Sarnia, Port Huron, S-100 |
| 135 | 135 | " " St. Clair R., Lake Huron, Sarnia, S-100 |
| 136 | 136 | " " Lake Huron, Sarnia, BREAK IN PASS, S-100 |
| 137 | 137 | BREAK IN PASS, Quebec, Gaspé Pen., Gulf of St. Lawrence, C-90, S-100 |
| 138 | 138 | Quebec, Anticosti I., Gulf of St. Lawrence, C-70, S-100 |
| 139 | 139 | " " " " " " C-50, S-100 |
| 140 | 140 | " " " Heath Point, Gulf of St. Lawrence, C-50, S-100 |
| 141 | 141 | " " " Comorant Point, Gulf of St. Lawrence, C-60, S-100 |
| 142 | 142 | " " " Heath Point, Gulf of St. Lawrence, C-70, S-100 |
| 143 | 143 | Gulf of St. Lawrence, Ice flows, C-65 |
| 144 | 144 | " " " " " " C-70 |
| 145 | 145 | " " " " " " " |
| 146 | 146 | Newfoundland, Northern Arm Mt., C-70, S-100 |
| 147 | 147 | " " " Bonne Bay, C-75, S-100 |
| 148 | 148 | " Long Range Mts., C-85, S-100 |
| 149 | 149 | " Sandy Lake, White Bay, C-85, S-100 |
| 150 | 150 | " Confusion Bay, Notre Dame Bay, Cape St. John, C-50 S-100 |
| 151 | 151 | " Notre Dame Bay, Lush's Bight, Cape St. John, C-40, S-100 |
| 152 | 152 | " Cape St. John, END EREP PASS #27, C-50, S-100 |
| 153 | 153 | BEGIN EREP PASS #30 (1-18-74), Montana, Old Baldy, C-95 |
| 154 | 154 | Montana, Old Baldy, C-95 |
| 155 | 155 | " C-98 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 156 | SL4-92-156 | Montana, C-98 |
| 157 | 157 | " " |
| 158 | 158 | " Yellowstone R., Forsyth, C-80, S-20 |
| 159 | 159 | " " " " C-70, S-20 |
| 160 | 160 | " " " Tongue R., Forsyth, C-60, S-20 |
| 161 | 161 | " Tongue R., Pumpkin R., Mizpah R., C-40 |
| 162 | 162 | " Wyo., Powder R., Broadus, Pumpkin R., C-20 |
| 163 | 163 | " " " Little Powder R., Broadus, C-20, S-10 |
| 164 | 164 | Wyo., S. D., Mont., Little Missouri R., Belle Fourche R., C-20, S-10 |
| 165 | 165 | S.D., Wyo., Mont., Belle Fourche, Belle Fourche R., C-10, S-10 |
| 166 | 166 | " " " Belle Fourche, Belle Fourche R. & Res. |
| 167 | 167 | " " " " R., Belle Fourche Res. |
| 168 | 168 | " " Cheyenne R., Belle Fourche R., Union Center |
| 169 | 169 | " " " " " Badlands |
| 170 | 170 | " " " " Bad R., Badlands |
| 171 | 171 | " " Bad R., White R., Badlands |
| 172 | 172 | " " White R., Bad R. |
| 173 | 173 | " " Missouri R., White R. |
| 174 | 174 | " " " " " Lake F. Case, S-10 |
| 175 | 175 | Neb., S. D., Missouri R., Lake Francis Case, Niobrara R., S-25 |
| 176 | 176 | " " " " " " " " " S-25, C-10 |
| 177 | 177 | S. D., Neb., " " Ft. Randall Dam, Niobrara R., S-25 |
| 178 | 178 | " " " " " Lewis & Clark Res., Niobrara R., Yankton S-40 |
| 179 | 179 | " " " Iowa, Missouri R., Yankton, Norfolk, Lewis & Clark Res. |
| 180 | 180 | " " " " " Sioux City, Norfolk, C-20, S-60 |
| 181 | 181 | Neb., Iowa, Missouri R., Sioux City, C-60, S-80 |
| 182 | 182 | " " " " C-80, S-90 |
| 183 | 183 | Iowa, C-99 |
| 184 | 184 | " " |
| 185 | 185 | " C-100 |
| 186 | 186 | " Missouri, C-100 |
| 187 | 187 | " " " |
| 188 | 188 | " " " |
| 189 | 189 | " " " |
| 190 | 190 | Missouri, C-100 |
| 191 | 191 | " " BREAK IN EREP PASS |
| 192 | 192 | BREAK IN EREP PASS, S. C., Ga., Broad R., Walterboro, C-30 |
| 193 | 193 | S. C., Ga., Savannah, Hilton Head, Beaufort, C-30 |
| 194 | 194 | Ga., S. C., Savannah Beach, Hilton Head, Parris I., C-40 |
| 195 | 195 | S. C., Prichard I., Edisto I., C-65 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 196 | SL4-92-196 | Atlantic O. off Ga., C-40 |
| 197 | 197 | " " " " C-35 |
| 198 | 198 | " " " " C-30 |
| 199 | 199 | " " " " " |
| 200 | 200 | " " " " " |
| 201 | 201 | " " " " " |
| 202 | 202 | " " " Fla. C-20 |
| 203 | 203 | " " " " " |
| 204 | 204 | " " " " " |
| 205 | 205 | " " " " C-25 |
| 206 | 206 | " " " " " |
| 207 | 207 | " " " " C-30 |
| 208 | 208 | " " " " C-35 BREAK IN PASS |
| 209 | 209 | BREAK IN PASS, Atlantic O. NW of Puerto Rico, C-20 |
| 210 | 210 | Atlantic O. NW of Puerto Rico, C-15 |
| 211 | 211 | Puerto Rico, Vega Baja, C-30 |
| 212 | 212 | " " San Juan, Bayamon, Rincon Bay, C-30 |
| 213 | 213 | " " " " Humacao, Guayama, C-35 |
| 214 | 214 | " " " " Fajardo, Vieques I., C-30 |
| 215 | 215 | " " Vieques I., Humacao, C-15 |
| 216 | 216 | Caribbean Sea SE of Puerto Rico, C-15 |
| 217 | 217 | " " " " " " " |
| 218 | 218 | " " " " " " C-20 |
| 219 | 219 | " " " " " " " |
| 220 | 220 | " " " " " " " |
| 221 | 221 | " " " " " " C-15 |
| 222 | 222 | " " " " " " " |
| 223 | 223 | " " " " " " " |
| 224 | 224 | " " " " " " END OF EREP PASS #30 |
| 225 | 225 | BEGIN EREP PASS #32 (1-20-74) Pacific O. off Vancouver I., C-50 |
| 226 | 226 | Pacific O. off Vancouver I., C-20 |
| 227 | 227 | British Columbia, Vancouver I., Telegraph Cove, S-40 |
| 228 | 228 | " " " " Johnstone Strait, Campbell R., S-40 |
| 229 | 229 | " " Strait of Georgia, Powell R., S-80 |
| 230 | 230 | " " Coastal Mts., Squamish R., S-100, C-20 |
| 231 | 231 | " " Lilloet Lake, Coastal Mts., S-100, C-50 |
| 232 | 232 | " " Fraser R., Coastal Mts., S-100, C-80 |
| 233 | 233 | " " Okanagan Lake, BREAK IN PASS, S-100, C-80 |
| 234 | 234 | BREAK IN PASS, Montana, C-100 |
| 235 | 235 | Montana, C-100 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 236 | SL4-92-236 | N. D., C-95 |
| 237 | 237 | " " C-100 |
| 238 | 238 | " " " |
| 239 | 239 | " " " |
| 240 | 240 | " " " |
| 241 | 241 | " " " |
| 242 | 242 | " " " |
| 243 | 243 | " " Minn., C-100 |
| 244 | 244 | Minn., C-100 |
| 245 | 245 | " " |
| 246 | 246 | " " |
| 247 | 247 | " " |
| 248 | 248 | " " |
| 249 | 249 | " Wisc., C-100 |
| 250 | 250 | Wisc., C-100, BREAK IN PASS |
| 251 | 251 | BREAK IN PASS, Michigan, Lake Michigan, C-80 |
| 252 | 252 | Mich., Lake Michigan, C-80, END EREP PASS #32 |
| 253 | 253 | BEGIN EREP PASS #35, (!-21-74) Washington, C-100 |
| 254 | 254 | Wash., Wenatchee, Columbia R., C-80, S-80 |
| 255 | 255 | Wash., C-95 |
| 256 | 256 | " C-100 |
| 257 | 257 | Idaho, Wash., Clearwater R., C-75, S-30 |
| 258 | 258 | " Selway R., Grangeville, C-85, S-80 |
| 259 | 259 | Idaho, Mont., Salmon R., Bitterroot Mts., C-80, S-80 |
| 260 | 260 | Mont., Idaho, Dillon, Beaverhead Mts., Lemih, C-10, S-8 |
| 261 | 261 | " " Beaverhead Mts., Red Rock R., Ruby Range, S-80 |
| 262 | 262 | " " Hebgen Lake, Beaverhead Mts., Red Rock R., S-100 |
| 263 | 263 | Wyo., Idaho, Mont., Yellowstone Nat. Park, Ashton, Hebgen Lake, S-100 |
| 264 | 264 | " " " " Park & Lake, Grand Teton Mts, Jacksonvi |
| 265 | 265 | " " Yellowstone Park & Lake, Absaroka Mts, Grand Teton, S-100 |
| 266 | 266 | " Absaroka Mts., Wind River Mts., Wind Rover Basin, C-10, S-80 |
| 267 | 267 | " Wind River, Wind River Mts., Wind River Basin, Owl Creek Mts, C-3 |
| 268 | 268 | " " " " Canyon, Wind River Mts., Boysen Res. C-30 |
| 269 | 269 | " Boysen Res., Wind River, Wind River Basin, Riverton, C-30, S-100 |
| 270 | 270 | " Wind River, Riverton, Gas Hills, C-50, S-90 |
| 271 | 271 | " Gas Hills, C-85, S-95 |
| 272 | 272 | " C-95 |
| 273 | 273 | " Medicine Bow, C-95, S-100 |
| 274 | 274 | " C-95, S-100 |
| 275 | 275 | " C-98 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 276 | SL4-92-276 | Wyo., Colo., C-98 |
| 277 | 277 | " " C-100 |
| 278 | 278 | " " Neb., C-100 |
| 279 | 279 | Neb., Colo., C-100 |
| 280 | 280 | Colo., C-100, BREAK IN PASS |
| 281 | 281 | BREAK IN PASS, Kansas, C-90 |
| 282 | 282 | Kan., C-90 |
| 283 | 283 | " C-98 |
| 284 | 284 | " C-95 |
| 285 | 285 | Okla., Kan., Mulvain, Arkansas R., C-95 |
| 286 | 286 | " " Ponca City, Arkansas R., C-80 |
| 287 | 287 | " " " " " " Arkansas City, C-75 |
| 288 | 288 | " Tulsa, Arkansas R., Bartlesville, C-60 |
| 289 | 289 | Ark., Okla., Boston Mts., Tenkiller Ferry Lake, C-40 |
| 290 | 290 | " " Arkansas R., Ft., Smith, Ouachita Mts., C-40 |
| 291 | 291 | " Hot Springs, Ouachita Mts., Dardanelle Lake |
| 292 | 292 | " Pine Bluff, Arkansas R., Fordyce |
| 293 | 293 | " Miss., Mississippi R., Dumas, Montecello, Warren |
| 294 | 294 | " " La., Greenville, Mississippi R., Lake Providence |
| 295 | 295 | Miss., Jackson, Ross Barnettes, Yazoo City |
| 296 | 296 | " Morton, Magee, Bay Springs |
| 297 | 297 | " Ala., Hattiesburg, Laurel Leaf R. |
| 298 | 298 | " Citronville, Lucedale, Tombigee R. |
| 299 | 299 | " Miss., Mobile, Mobile Bay, Alabama R. |
| 300 | 300 | Ala., Fla., Miss., Mobile, Mobile Bay, Alabama R. |
| 301 | 301 | " " Mobile Bay, Pensacola, Fairhope |
| 302 | 302 | Fla., Ala., Pensacola, Pensacola Bay, Gulf of Mexico |
| 303 | 303 | " Pensacola Beach, Santa Rosa I., " " " |
| 304 | 304 | Gulf of Mexico |
| 305 | 305 | " " " |
| 306 | 306 | " " " |
| 307 | 307 | " " " C-20 |
| 308 | 308 | " " " C-35 |
| 309 | 309 | " " " C-20 |
| 310 | 310 | " " " C-10 |
| 311 | 311 | " " " |
| 312 | 312 | " " " |
| 313 | 313 | Fla., Marquesas Keys, Boca Grande, Bottom Detail |
| 314 | 314 | " Key West, Fla. Bay, Marathon Key, BREAK IN PASS |
| 315 | 315 | BREAK IN PASS, Caribbean Sea off Venezuela, C-60 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 316 | SL4-92-316 | Caribbean Sea off Venezuela, C-75 |
| 317 | 317 | " " " " C-70 |
| 318 | 318 | Venezuela, Paraguana Pen., Caribbean Sea, C-50 |
| 319 | 319 | " " " Gulf of Venezuela, C-30 |
| 320 | 320 | " " " " " " |
| 321 | 321 | " " " Golfete De Coro, Coro, C-25 |
| 322 | 322 | " Coro, Churuguara, C-20 |
| 323 | 323 | " Rio Tocuyo, Churuguara, C-20 |
| 324 | 324 | " Chivacoa, San Pablo, San Felipe, C-15 |
| 325 | 325 | " " " " " " |
| 326 | 326 | " San Carlos, Tinaco, C-25 |
| 327 | 327 | " " " C-30 |
| 328 | 328 | " Rio Chirque, Rio Tinaco, C-30 |
| 329 | 329 | " Calabozo, Embalse De Guarico, BREAK IN PASS |
| 330 | 330 | BREAK IN PASS, Brazil, Amazon Basin, C-100 |
| 331 | 331 | Brazil, Amazon Basin, C-100 |
| 332 | 332 | " " " " END EREP PASS #35 |
| 333 | 333 | BEGIN EREP PASS #42 (1-26-74) Calif., Point Arena |
| 334 | 334 | Calif., Point Reyes, Santa Rosa, Ukiah, the Geysers |
| 335 | 335 | " San Pablo Bay, Point Reyes, Santa Rosa, Lake Berryessa |
| 336 | 336 | " San Francisco, Sacramento R., Oakland, Concord |
| 337 | 337 | " " " AMES-NASA, Stockton, Oakland |
| 338 | 338 | " San Jose, Stockton, Modesto, Livermore |
| 339 | 339 | " Modesto, San Luis Lake, Diablo Range, C-10 |
| 340 | 340 | " Cal. Aquaduct, Los Banos, Diablo Range, C-20 |
| 341 | 341 | " " " " " " C-50 |
| 342 | 342 | " San Joaquin R., Calif. Aquaduct, Mendota, C-70 |
| 343 | 343 | " Calif. Aquaduct, Huron, C-90 |
| 344 | 344 | " Sierra Nevada, Kern R., Lake Isabella, C-60 |
| 345 | 345 | " " " " " Inyokern, C-40 |
| 346 | 346 | " " " China Lake, Edwards AFB, C-20 |
| 347 | 347 | " China Lake, Edwards AFB, Randsburg, Mojave, C-10 |
| 348 | 348 | " Barstow, Edwards AFB, Randsburg, Victorville |
| 349 | 349 | " Victorville, Barstow, Big Bear Lake, C-10 |
| 350 | 350 | " Yucca Valley, Lucerne Valley, Joshua Tree |
| 351 | 351 | " Pisgah Crater, 29-Palms, Palm Springs, Joshua Tree, N.M. |
| 352 | 352 | " Coachella Valley, Indio, Salton Sea, Chuckawalla Mts. |
| 353 | 353 | " Salton Sea, Coachella Canal, Indio, Calipatria |
| 354 | 354 | " Ariz., Colorado R., Salton Sea, Algodones Dunes |
| 355 | 355 | " " " Mexico (Baja), All-American Canal |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 356 | SL4-92-356 | Calif., Ariz., Mexico (Baja-Sonora) Yuma, San Luis, Colorado R. |
| 357 | 357 | " " " " " Gila R., Colorado R. |
| 358 | 358 | Ariz., Mexico (Sonora) Gila R., Grand Sonoran Desert |
| 359 | 359 | " " " " " Pinacate Mts., Grand Sonoran Desert |
| 360 | 360 | " " " " " Volcanic Field |
| 361 | 361 | " " " " " Bahia De San Jorge, Sonoyta |
| 362 | 362 | Mexico (Sonora) Bahia De San Jorge |
| 363 | 363 | " " " " " Caborca, Magdalena R., Altar |
| 364 | 364 | " " " " " " " " |
| 365 | 365 | " " " " " Santa Ana, BREAK IN PASS |
| 366 | 366 | " (Durango-Chihuahua-Sinaloa) Sierra Madre Occidental |
| 367 | 367 | " " Laguna De Santiaguilla, Canatlan |
| 368 | 368 | Single frame, Mexico (Jalisco-Aguascalientes) Aguascalientes, Lago de More |
| 369 | 369 | BREAK IN FLIGHT Mexico (Michoacan Guanajuato) Morelia, Lago Cuitzeo |
| 370 | 370 | Mexico, (Michoacan-Guanajuato) Acambaro, Lago Cuitzeo, C-40 |
| 371 | 371 | " " Mexico) Guanajuato, Rio Curacuaio, C-40 |
| 372 | 372 | " (Mexico-Michoacan-Guerrero), Rio Tuxpan, C-40 |
| 373 | 373 | " (Guerrero-Morelos-Mexico), Toluca Volcano, C-40 |
| 374 | 374 | " " " " " Iguala, Cuernavaca, C-25 |
| 375 | 375 | " " " " " Puebla, Iguala, Taxco, C-25 |
| 376 | 376 | " " Rio Mezcala, Sierra Madre Del Sur, C-25 |
| 377 | 377 | " " T'lapa, Rio Tlapaneco, C-35 |
| 378 | 378 | " (Oaxaca-Guerrero), Tlapa, Sierra Madre Del Sur, C-35 |
| 379 | 379 | " " " " " Rio Omotepec, C-30 |
| 380 | 380 | " " " " " Omotepec, Rio Omotepec, C-30 |
| 381 | 381 | " " Sierra Madre Del Sur, Rio Verde, C-30 |
| 382 | 382 | " " Boca Rio Verda, Rio Verde, C-30 |
| 383 | 383 | " " " " " " " C-30 |
| 384 | 384 | " " Puerto Angel, Chila, C-70 |
| 385 | 385 | " " " " " C-20 |
| 386 | 386 | Pacific O. off Mexico, C-10 |
| 387 | 387 | " " " " " " |
| 388 | 388 | " " " " " " |
| 389 | 389 | " " " " " C-20 |
| 390 | 390 | " " " " " C-25 |
| 391 | 391 | " " " " " C-30 |
| 392 | 392 | " " " " " C-25 |
| 393 | 393 | " " " " " C-30 |
| 394 | 394 | " " " " " C-30 |
| 395 | 395 | " " " " " " |

| <u>FRAME NO.</u> | <u>NASA NO.</u> | <u>SUBJECT DESCRIPTION, LOCATION, ETC.</u> |
|----------------------|---------------------|--|
| 396 | SL4-92-396 | Pacific O. off Mexico, C-35 |
| 397 | 397 | " " " " " |
| 398 | 398 | " " " " C-20 |
| 399 | 399 | " " " " C-10 Partial Fog |
| 400 | 400 | " " " " C-15 Fogged-TAPE END EREP PASS #42 |

END OF ROLL

SKYLAB 4

(CARR-GIBSON-POGUE)

MAGAZINE NO. 93(IR-03) CAMERA Earth Terrain LENS 18"450-mm FILM TYPE SO-131
High Resolution Infrared
 DESCRIPTION Aerial Ektachrome WIDTH 5-inch

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 1 | SL4-93-001 | Oblique storm, Atlantic O. off New England |
| 2 | 002 | W.Va., Ohio, Ky., C-100 BEGIN EREP PASS #28 |
| 3 | 003 | " " C-100 |
| 4 | 004 | " " " |
| 5 | 005 | Pa., Md., W. Va., C-100 |
| 6 | 006 | " " " " " |
| 7 | 007 | " " " " " |
| 8 | 008 | Pa., C-100 |
| 9 | 009 | " " |
| 10 | 010 | " " |
| 11 | 011 | " C-98, S-100 |
| 12 | 012 | " C-94 " |
| 13 | 013 | " N.Y., C-93, S-100 |
| 14 | 014 | N.Y., Pa., C-92, S-100 |
| 15 | 015 | " " C-100 |
| 16 | 016 | " " Delaware R., C-90, S-100 |
| 17 | 017 | " " " " Susquehanna R., C-60, S-100 |
| 18 | 018 | " Catskill Mts., Oneonta, C-40, S-100 |
| 19 | 019 | " " Mohawk R., Cooperstown, C-50, S-100 |
| 20 | 020 | " Albany, Schenectady, Mohawk R., Amsterdam, C-40, S-60 |
| 21 | 021 | " Vt., Mass., Albany, Schenectady, Hudson R., Mohawk R., C-10, S-60 |
| 22 | 022 | N.H., " " N.Y., Troy, Hudson R., Bennington, Green Mts., C-30 |
| 23 | 023 | " " Conn. R., Bellows Falls, S-60, C-40 |
| 24 | 024 | " " White R. Junction, Hanover, Connecticut R., C-50, S-60 |
| 25 | 025 | Me., N.H., Vt., Connecticut R., White Mts., S-60, C-80 |
| 26 | 026 | " " Mt. Washington, Old Man of the Mts, Lake Winnepesaukee, C-40 |
| 27 | 027 | " " Sebago Lake, White Mts., Mt. Washington, C-30, S-60 |
| 28 | 028 | " " " " Lewiston, Rumford, Bath, C-20, S-80 |
| 29 | 029 | " Kennebec R., Augusta, Waterville, Lewiston, S-100 |
| 30 | 030 | " Penobscot Bay, Kennebec R., Augusta, Showhegan, S-100 |
| 31 | 031 | " Bangor, Penobscot R., Old Town, Belfast, C-100 |
| 32 | 032 | " " " " Orono, Penobscot Bay, S-100 |
| 33 | 033 | " New Brunswick, West Grand Lake, St. Croix R., S-100 |
| 34 | 034 | " " " " Passamquoddy Bay, Eastport, St. Stephens, S-100 |
| 35 | 035 | " " " " Fredrickton, Campobello, Calis, Passamquoddy B.S-100 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 36 | SL4-93-036 | New Brunswick, Enniskillen, Fredrickton, St. John, St. John R., S-100 |
| 37 | 037 | " " St. John, St. John R., Grand L., Fredrickton, S-100 |
| 38 | 038 | " " Bay of Fundy, Grand Lake, Belleise Bay, S-100 |
| 39 | 039 | " " Nova Scotia, Moncton, Amherst, Chicnecto Bay, S-100 |
| 40 | 040 | " " Prince Edward I., Moncton, Amherst, S-100 |
| 41 | 041 | " " " " " " " Summerside, S-100 |
| 42 | 042 | " " Prince Edward I., Charlotte Town, Summerside S., S-100 |
| 43 | 043 | Prince Edward I., Charlotte Town, S-100, C-20 |
| 44 | 044 | " " " East Point, Ice flows, S-100, C-60 |
| 45 | 045 | " " " " " " " Magdalen Is., S-100, C-80 |
| 46 | 046 | Nova Scotia, Gulf of St. Lawrence, Magdalen Is., S-100, C-80 |
| 47 | 047 | Cape Breton I., Magdalen Is., Gulf of St. Lawrence, N. Cape, S-100, C-80 |
| 48 | 048 | " " " N. Cape, Gulf of St. Lawrence, C-80, S-100 |
| 49 | 049 | Gulf of St. Lawrence, C-80 |
| 50 | 050 | Newfoundland, Searston, Stormy Point, C-85, S-100, END EREP PASS #28 |
| 51 | 051 | BEGIN EREP PASS #29 Mexico (Baja Calif., Punta Colnett, C-90 |
| 52 | 052 | Mexico (Baja Calif.), Punta Colnett, Puerto Santo Toma, C-50 |
| 53 | 053 | " " " Punta Banda, " " " C-10 |
| 54 | 054 | " " " Ensenada, Sierra De Juarez, El Alamo |
| 55 | 055 | " " " Sierra De Juarez, Laguna Salada |
| 56 | 056 | Calif., Ariz., Mexico (Baja Calif., Sonora) San Luis, Mexicali, Colo R. |
| 57 | 057 | " " " " " " " Mexicali, Yuma, Colo. R. |
| 58 | 058 | " " " " " " " Yuma, San Luis, Gila R. |
| 59 | 059 | " " " Colorado R., Gila R., King Valley, Mohawk |
| 60 | 060 | Ariz., Salome, Palomas Plain, Eagletail Mts., Kofa Mts. |
| 61 | 061 | " Harquahala Mts., Centenial Wash, Tonopah |
| 62 | 062 | " Wickenburg, Morristown, Vulture Mts., Aguila |
| 63 | 063 | " " Vulture Mts., Heiroglyphic Mts., S-10 |
| 64 | 064 | " Prescott, Lake Pleasant, Agua Fria R., S-15 |
| 65 | 065 | " " Verde R., Jerome, Agua Fria R., S-20 |
| 66 | 066 | " Flagstaff, Jerome, Sedona, Oak Creek Canyon, S-50 |
| 67 | 067 | " " Meteor Crater, Little Colorado R., S-50 |
| 68 | 068 | " Meteor Crater, Sunset Crater, Painted Desert, Winslow, S-20 |
| 69 | 069 | " Painted Desert, Oraibi Wash, Garces Mesa, Little Colo. R., S-20 |
| 70 | 070 | " Keams Canyon, Hopi Reservation, Smoke Signal, S-70 |
| 71 | 071 | " Canyon De Chelly, Black Mesa, Pinon, Chinle, Many Farms S-100 |
| 72 | 072 | " N. M., Canyon De Chelly, Black Mesa, Chinle Wash, S-100 |
| 73 | 073 | " " " Chuska Mts., Carrizo Mt., Mexican Water, S-100, C-30 |
| 74 | 074 | " " " Utah, Colo., 4-Corners, Cortez, Mesa Verde. Fruitland |
| 75 | 075 | Colo., " " Mesa Verde, Cortez, Durango, Manlos, Animas R. C-100 S-3C |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 76 | SL4-93-076 | Colo., N. M., Durango, Las Animas R., San Juan Mts., S-100, C-20 |
| 77 | 077 | " Vallecito Lake, Durango, San Juan Mts., Silverton, S-100, C-15 |
| 78 | 078 | " San Juan Mts., Creede, Vallecito Lake, Silverton, S-100 |
| 79 | 079 | " South Fork, Creede, 30-Mile, Rio Grande, S-100 |
| 80 | 080 | " San Luis Valley, Sawatch Mts., San Juan Mts., C-100 |
| 81 | 081 | " Sawatch Range, Aspen, Buena Vista, Salida, S-100, C-20 |
| 82 | 082 | " Arkansas R., Sangre De Cristo, Sawatch Ranges, S. Park, S-100 |
| 83 | 083 | " Colorado Spgs., Rampart Range, South Park, S-100, C-40 |
| 84 | 084 | " Denver, Colorado Spgs, C-40, S-100 |
| 85 | 085 | " " Limon, Castle Rock, S-100, C-20 |
| 86 | 086 | " " Deer Trail, Kiowa, Limon, S-100, C-10 |
| 87 | 087 | " Ft. Morgan, South Platte R., S-100 |
| 88 | 088 | " South Platte R., Ft. Morgan, S-100 |
| 89 | 089 | " " " " " Brush, S-100 |
| 90 | 090 | " " " " " Sterling, Akron, S-100 |
| 91 | 091 | Neb., Colo., N. & S. Platte, Julesburg, Holyoke, S-100 |
| 92 | 092 | " " Lake McConaughy, Ogallala, N. & S. Platte, S-100 |
| 93 | 093 | " Platte R., N. Platte, Lake McConaughy, S-100 |
| 94 | 094 | " " " " " Sand Hills, S-100 |
| 95 | 095 | " " " " " Dismal R., " " " |
| 96 | 096 | " Middle Loup R., Sand Hills, S-100 |
| 97 | 097 | " " " " " N. Loup R., Sand Hills, S-100 |
| 98 | 098 | " Sand Hills, Atkinson, S-100 |
| 99 | 099 | S. D., Neb., Niobrara R., O'Neill, Missouri R., S-100 |
| 100 | 100 | " " " " " Missouri R., Lewis & Clark Res., O'Neill, S-100 |
| 101 | 101 | " " " " " Niobrara R., Missouri R., Yankton, S-100 |
| 102 | 102 | " " " " " Iowa, Lewis & Clark Res., Missouri R., James R., S-100 |
| 103 | 103 | " " Minn., Iowa, Neb., Sioux Falls, Canton, Big Sioux R., S-100 |
| 104 | 104 | " " " " " Sioux Falls, Rock Valley, Big Sioux R., S-100 |
| 105 | 105 | " " " " " Worthington, Sheldon, Slayton, S-100 |
| 106 | 106 | Minn., Iowa, Worthington, Windom, S-100 |
| 107 | 107 | " New Ulm, Fairmont, Sleepy Eye, Minnesota R., S-100 |
| 108 | 108 | " Minnesota R., New Ulm, S-100 |
| 109 | 109 | " " " " " Mankato, Glencoe, S-100 |
| 110 | 110 | " Wisc., Minneapolis-St. Paul, Mississippi R., S-100 |
| 111 | 111 | " " " " " " " Croix R., S-100 |
| 112 | 112 | " " " " " " " Mississippi R., Croix R., River Falls, Baldwin, S-100 |
| 113 | 113 | Wisc., Rice Lake, Red Cedar R., Hay R., END EREP PASS #29 |
| 114 | 114 | Oblique view, storm clouds at Labrador |
| 115 | 115 | " " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 116 | SL4-93-116 | Oblique view, storm clouds at Labrador |
| 117 | 117 | BEGIN EREP PASS #37, Montana at Missoula, C-100 |
| 118 | 118 | Mont., C-95, S-90 |
| 119 | 119 | " Butte, C-90, S-80 |
| 120 | 120 | " Missouri R., Butte, C-90, S-80 |
| 121 | 121 | " " " " " |
| 122 | 122 | " Yellowstone R., C-90, S-60 |
| 123 | 123 | " " " Absaroka Mts., Big Timber, C-70, S-70 |
| 124 | 124 | Wyo., Mont., Red Lodge, Clarks Fork of Yellowstone, C-70, S-30 |
| 125 | 125 | " " " " " Absaroka Mts., S-40, C-60 |
| 126 | 126 | " " Big Horn R., Shoshone R., Powell, C-50, S-20 |
| 127 | 127 | " " Yellowtail Res., Big Horn R., Powell, Big Horn Mts., C-30 |
| 128 | 128 | " Big Horn Basin, Big Horn R., Big Horn Mts., C-60, S-40 |
| 129 | 129 | " " " R., Big Horn Mts., Sheridan, C-30, S-80 |
| 130 | 130 | " Sheridan, Buffalo, Big Horn Mts., Powder R., C-10, S-90 |
| 131 | 131 | " Big Horn Mts., Buffalo, Powder R., C-10, S-95 |
| 132 | 132 | " Powder R., Belle Fourche R., C-20, S-100 |
| 133 | 133 | " Antelope Creek, Belle Fourche R., C-30, S-100 |
| 134 | 134 | " Cheyenne R., Beaver Creek, C-30, S-100 |
| 135 | 135 | " S.D., Cheyenne R., New Castle |
| 136 | 136 | " " " Neb., Edgemont, Hot Springs, Cheyenne R., S-100 |
| 137 | 137 | " " " Cheyenne R., Crawford, C-20, S-100, BREAK IN PASS |
| 138 | 138 | BREAK IN PASS, Mo., Kan., Marais Des Cygnes R., C-75, S-50 |
| 139 | 139 | Mo., Kan., Marais Des Cygnes R., C-80, S-30 |
| 140 | 140 | " C-94 |
| 141 | 141 | " C-93 |
| 142 | 142 | " C-95 |
| 143 | 143 | " Arkansas, C-98 |
| 144 | 144 | " " BREAK IN PASS |
| 145 | 145 | BREAK IN PASS, Tenn., Miss., Ark., Miss. R., Memphis, Hatchie R., C-40 |
| 146 | 146 | Tenn., Miss., Boliver R., Hatchie R., C-20 |
| 147 | 147 | " " Ala., Pickwick Lake, Corinth, Hatchie R. |
| 148 | 148 | Ala., Tenn., Miss., Pickwick Lake, Corinth, Tupelo |
| 149 | 149 | " Miss., Tennessee R., Pickwick Lake, Tupelo |
| 150 | 150 | " " " Russellville, Lewis Smith Res. |
| 151 | 151 | " Lewis Smith Res., Bankhead Res., Jasper, Halleyville |
| 152 | 152 | " Smith Res., Jasper, Bankhead Lake |
| 153 | 153 | " Birmingham, Coosa R., Lake C. Martin, Smith Res. |
| 154 | 154 | " Coosa R., Lake Mitchell, Lake Martin, Talladega |
| 155 | 155 | " " " Montgomery, Lake Martin, Alexander City |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 156 | SL4-93-156 | Ala., Ga., Lake Martin, Coosa R., Auburn, Tuskegee |
| 157 | 157 | " " Columbus, Phenix City, Chattahoochee R., Eufaula Lake |
| 158 | 158 | " " " Chattahoochee R., Eufaula Lake |
| 159 | 159 | " " Eufaula Lake, Albany, Chattahoochee R. |
| 160 | 160 | Ga., Albany, Flint R., Camilla |
| 161 | 161 | " " " " Tiffin, Moultrie |
| 162 | 162 | " Fla., Valdosta, Thomasville, Moultrie |
| 163 | 163 | " " " Jasper, Live Oak, Madison |
| 164 | 164 | Fla., Lake City, Gainesville, Suwanee R. |
| 165 | 165 | " Lake George, Ocala, Palatka, St. Johns R. |
| 166 | 166 | " J. F. Kennedy Space Center, Complex 39, Orlando, Daytona Beach |
| 167 | 167 | " " " " " Cape Canaveral, Melbourne, C-15 |
| 168 | 168 | " Melbourne, Vero Beach, C-20 |
| 169 | 169 | Bahamas, Florida Strait, Grand Bahama I., C-15 |
| 170 | 170 | " Grand Bahama I., Freeport, unique land development, C-15 |
| 171 | 171 | " Berry Is., Great Bahama Bank, BREAK IN PASS, C-15 |
| 172 | 172 | BREAK IN PASS, Haiti, Dominican Rep., Monticristi, Ile Tortue, C-15 |
| 173 | 173 | Haiti, Dominican Republic, Pepillo Salgado, Monte Cristi, C-30 |
| 174 | 174 | Dominican Republic, Haita, Pepillo Salgado, Cord, Central, C-50 |
| 175 | 175 | " " " Lago Enriquillo, Lac De Religre, C-50 |
| 176 | 176 | " " Barahona, Laguna Rincon, Lago Enriquillo, C-40 |
| 177 | 177 | " " " Azua, Punta Salina, C-15 |
| 178 | 178 | " " " Punta Salina, Bani, C-10 |
| 179 | 179 | " " Bani, C-10 |
| 180 | 180 | Caribbean Sea, C-15 |
| 181 | 181 | " " C-30 |
| 182 | 182 | " " C-40 |
| 183 | 183 | " " C-30 |
| 184 | 184 | Venezuela, Isla Santa Margarita, C-30 |
| 185 | 185 | " Pen De Araya, Gulf of Caricao, Isla Coche, C-40 |
| 186 | 186 | " Maturin, Rio San Juan, Casanay, C-50 |
| 187 | 187 | " " " " " C-55 |
| 188 | 188 | " Rio Manamo, C-80 |
| 189 | 189 | " Mouth of the Orinoco, C-90 |
| 190 | 190 | " " " " " " |
| 191 | 191 | " Rio Grande (Orinoco), C-85 |
| 192 | 192 | " Serrania De Imataca, C-85 |
| 193 | 193 | " " " " " C-80 |
| 194 | 194 | " " " " " " |
| 195 | 195 | " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 196 | SL4-93-196 | Venezuela, Serrania De Imataca, C-80 |
| 197 | 197 | " Guyana, Rio Cuyuni, C-75 |
| 198 | 198 | Guyana, Rio Mazaruni, C-70 |
| 199 | 199 | " " " C-65 |
| 200 | 200 | " Brazil, Rio Pataro, C-65, END EREP PASS #37 |
| 201 | 201 | BEGIN EREP PASS #40, Pacific O. off British Columbia, C-85 |
| 202 | 202 | Pacific O. off British Columbia, C-95 |
| 203 | 203 | British Columbia, C-100 |
| 204 | 204 | " " " " |
| 205 | 205 | " " " . BREAK IN PASS |
| 206 | 206 | BREAK IN PASS, S. D., Minn., Brookings, Madison, S-100 |
| 207 | 207 | Minn., Iowa, S. D., Sioux Falls, Pipestone, Brookings, S-100 |
| 208 | 208 | " " " " Worthington, Pipestone, Slayton, S-100 |
| 209 | 209 | " " " " Windom, Worthington, Tracy, Slayton, S-100 |
| 210 | 210 | Iowa, Minn., Worthington, Fairmont, Des Moines R., S-100 |
| 211 | 211 | " " " " Algona, Esterville, Fairmont, S-100 |
| 212 | 212 | " " " " Fairmont, Algona, Humboldt, S-100 |
| 213 | 213 | " " " " Mason City, Algona, Clarion, S-100 |
| 214 | 214 | " " " " Iowa Falls, Boone R., S-100 |
| 215 | 215 | " " " " Waterloo, Cedar R. Marshalltown, Iowa Falls, S-100 |
| 216 | 216 | " " " " Independence, Marshalltown, S-100 |
| 217 | 217 | " " " " Cedar Rapids, Cedar R., Vinton, S-100 |
| 218 | 218 | " " " " Iowa City, " " " " Iowa R., S-100 |
| 219 | 219 | " " " " Ill., Mississippi R., Davenport, Rock Island, Muscatine, S-100 |
| 220 | 220 | " " " " " " " " Moline, S-80 |
| 221 | 221 | Ill., Iowa, " " " " Galesburg, Kewanee, S-80 |
| 222 | 222 | " " " " Illinois R., Peoria, Pikes, Rock R., S-80 |
| 223 | 223 | " " " " " " " " Bloomington, S-70 |
| 224 | 224 | " " " " " " " " Bloomington, Pontiac, C-20, S-50 |
| 225 | 225 | " " " " " " " " Bloomington, Champaign, Urbana, C-30, S-20 |
| 226 | 226 | " " " " Ind., Champaign, Urbana, Danville, C-20, S-10 |
| 227 | 227 | " " " " " " " " Danville, Wabash R., Champaign, Urbana, C-50 |
| 228 | 228 | " " " " " " " " Wabash R., Danville, C-25 |
| 229 | 229 | Ind., Crawfordville, C-90 |
| 230 | 230 | " " " " C-100 |
| 231 | 231 | " " " " C-100 |
| 232 | 232 | " " " " Ky., C-100 |
| 233 | 233 | " " " " " " " " |
| 234 | 234 | Ky., C-100 |
| 235 | 235 | " " " " BREAK IN PASS |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 276 | SL4-93-276 | Mali, Hamada Da Safia, C-10 |
| 277 | 277 | " " " " C-15 |
| 278 | 278 | " Joubane, Hamada Da Safia, C-15 |
| 279 | 279 | " " Khnachich, C-15 |
| 280 | 280 | " " C-15 |
| 281 | 281 | " Erg in Sakkane, C-15 |
| 282 | 282 | " " " " " |
| 283 | 283 | " " " " " |
| 284 | 284 | " Terimin Mts., C-15 |
| 285 | 285 | " " Valle Du Tilmes, C-11 |
| 286 | 286 | " Valle Du Tilmes, C-10 |
| 287 | 287 | " " " " " |
| 288 | 288 | " Tiguirirt Basin |
| 289 | 289 | " " " |
| 290 | 290 | " " " |
| 291 | 291 | " " " |
| 292 | 292 | " Valle De Zagrat, C-30 |
| 293 | 293 | Niger, Mali, Valle De Zagrat, C-30 |
| 294 | 294 | " " C-30 |
| 295 | 295 | " " " |
| 296 | 296 | " Dallo Bosso, Iqadiane |
| 297 | 297 | " " " |
| 298 | 298 | " " " |
| 299 | 299 | " Dogondoutchi, BREAK IN PASS |
| 300 | 300 | BREAK IN PASS, Nigeria, Northern region, C-80 |
| 301 | 301 | Nigeria, northern region, C-70 |
| 302 | 302 | " " " C-60, END EREP PASS #44 |
| 303 | 303 | BEGIN EREP PASS #46, N. M., Sacramento Mts. |
| 304 | 304 | N. M., Guadalupe Mts., Rio Penasco, Pecos R. |
| 305 | 305 | Tex., N. M., Guadalupe Mts, El Capitan, Carlsbad |
| 306 | 306 | " " " Carlsbad Caverns, Guadalupe Mts., Red Bluff Lake |
| 307 | 307 | " " " Red Bluff Lake, Pecos R. |
| 308 | 308 | " " " " " Pecos R. |
| 309 | 309 | " Pecos, Pecos R., Toyah Lake |
| 310 | 310 | " Fort Stockton, Pecos R. |
| 311 | 311 | " " " Independence Creek |
| 312 | 312 | " Mexico (Coahuila) Rio Grande, Sanderson |
| 313 | 313 | " " " Pecos R., Sanderson |
| 314 | 314 | " " " Langtry, Rio Grande |
| 315 | 315 | " " " Amistad Lake, Rio Grande |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|--|
| 316 | SL4-93-316 | Tex., Mexico (Coahuila) Amistad Lake, Del Rio, Villa Acuna |
| 317 | 317 | " " " " " " " " |
| 318 | 318 | " " " Eagle Pass, Piedras Negras, Rio Grande |
| 319 | 319 | " " " " " " " " |
| 320 | 320 | " " " Asherton, Carrizo Spgs, Rio Grande |
| 321 | 321 | " " (" -N. Leon-Tamaulipas) Rio Grande, Laredo |
| 322 | 322 | " " (N. Leon-Tamaulipas) Nuevo Laredo, Laredo, Rio Grande |
| 323 | 323 | " Hebronville, Benavides, Freer |
| 324 | 324 | " Benavides, Freer, Hebronville, Falfurrias |
| 325 | 325 | " Falfurrias, C-10 |
| 326 | 326 | " Raymondville, Edinburg, Mercedes, C-30 |
| 327 | 327 | " Mexico (Tamaulipas) Matamoros, Brownsville, C-50 |
| 328 | 328 | " " " " " " " " Port Isabal, C-70 |
| 329 | 329 | " " " " " " " " |
| 330 | 330 | " " " Mouth of Rio Grande, C-75 |
| 331 | 331 | Gulf of Mexico, C-80, BREAK IN PASS |
| 332 | 332 | BREAK IN PASS, Bolivia, Lago Concepcion, Rio Negro, C-60 |
| 333 | 333 | Bolivia, Rio Negro, Serrania De San Simon, C-60 |
| 334 | 334 | " " " C-60 |
| 335 | 335 | " Santa Rosa, C-55 |
| 336 | 336 | " Rio Santa Barbara, C-50 |
| 337 | 337 | " Bolivia, Brazil RR, C-40 |
| 338 | 338 | " " " " San Jose, C-40 |
| 339 | 339 | " Serrania De Santiago, Bolivia-Brazil RR, San Jose, C-40 |
| 340 | 340 | " " " " Robore, Bolivia-Brazil RR, C-40 |
| 341 | 341 | " Chaco Boreal, C-40 |
| 342 | 342 | " " " " " |
| 343 | 343 | " " " " " |
| 344 | 344 | Paraguay, Bolivia, Chaco Boreal, C-40 |
| 345 | 345 | " " " " " " |
| 346 | 346 | " " " " " " |
| 347 | 347 | " Chaco Boreal, C-50 |
| 348 | 348 | " " " " " |
| 349 | 349 | " " " " " |
| 350 | 350 | " Brazil, Rio Paraguai, Puerto Guarani, C-40 |
| 351 | 351 | " " Puerto Martinho, Rio Paraguai, C-40 |
| 352 | 352 | " " " " " " |
| 353 | 353 | " " Puerto Sastre, Rio Paraguai, C-40 |
| 354 | 354 | Brazil, Paraguay, Rio Apa, Rio Paraguai, C-40 |
| 355 | 355 | Paraguay, Brazil, " " Toldos Cue, C-40 |

| FRAME NO. | NASA NO. | SURJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 356 | SL4-93-356 | Paraguay, Toldos Cue, C-40 |
| 357 | 357 | " Rio Aquidaban, C-40 |
| 358 | 358 | " Rio Ypane, C-45 |
| 359 | 359 | " Brazil, Rio Aguaray Guazu, C-45 |
| 360 | 360 | " " " " " " |
| 361 | 361 | " " Sierra De Maracaju, C-45 |
| 362 | 362 | " Rio Acaray, C-45 |
| 363 | 363 | Brazil, Paraguay, Rio Parana, Santa Helena, C-45 |
| 364 | 364 | " Argentina, Paraguay, Great Falls of the Iguazu, C-40 |
| 365 | 365 | " " " " " " " " |
| 366 | 366 | " " " " " " " " |
| 367 | 367 | " Rio Iguazu, C-45 |
| 368 | 368 | " Dio Nisio Cerqueira, C-45 |
| 369 | 369 | " Rio Pelotas, Rio Uruguay, C-40 |
| 370 | 370 | " Rio Pelotas, Rio Chapeco, Sao Carlos, C-45 |
| 371 | 371 | " " " Chapeco, Rio Chapeco, C-45 |
| 372 | 372 | " " " Erechim, Chapeco, C-55 |
| 373 | 373 | " " " Rio Do Paixe, C-65 |
| 374 | 374 | " " " Lagoa Vermelha, C-65 |
| 375 | 375 | " Lagoa Vermelha, C-65 |
| 376 | 376 | " Rio Pelotas, Vacaria, C-70 |
| 377 | 377 | " " Rio Das Antas, Vacaria, C-70 |
| 378 | 378 | " Sierra Geral, Rio Dos Antas, C-75 |
| 379 | 379 | " Torres, Lagoa Das Quadras, C-50 |
| 380 | 380 | " Atlantic C. at Torres, Lagoa Das Quadras, C-30 |
| 381 | 381 | Atlantic O. east of Brazil, C-15 |
| 382 | 382 | " " " " " C-25 |
| 383 | 383 | " " " " " C-35 |
| 384 | 384 | " " " " " C-40 |
| 385 | 385 | " " " " " " |
| 386 | 386 | " " " " " C-35 |
| 387 | 387 | " " " " " C-30 |
| 388 | 388 | " " " " " " |
| 389 | 389 | " " " " " " |
| 390 | 390 | " " " " " C-35 |
| 391 | 391 | " " " " " Argentina, C-40 |
| 392 | 392 | " " " " " " |
| 393 | 393 | " " " " " " |
| 394 | 394 | " " " " " C-45 |
| 395 | 395 | " " " " " " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|-------------------------------------|
| 396 | SL4-93-396 | Atlantic O. east of Argentina, C-50 |
| 397 | 397 | " " " " " C-60 |
| 398 | 398 | " " " " " C-70 |
| 399 | 399 | " " " " " C-80 |
| 400 | 400 | " " " " " " |
| 401 | 401 | " " " " " " |
| 402 | 402 | " " " " " " |
| 403 | 403 | " " " " " C-85 |
| 404 | 404 | " " " " " C-80 |
| 405 | 405 | " " " " " " |
| 406 | 406 | " " " " " C-75 END EREP PASS #46 |

END OF ROLL

SKYLAB 4
(CARR-GIBSON-POGUE)

MAGAZINE NO. 94 CAMERA Earth Terrain LENS 18" 450-mm FILM TYPE SO-242
 DESCRIPTION High Resolution Aerial
Ektachrome WIDTH 5"

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 1 | SL4-94-001 | BEGIN EREP PASS #45, Calif., Sierra Nevada, S-20, C-20 |
| 2 | 002 | Calif., Oroville, Oroville Res., Chico, Feather R., S-30 |
| 3 | 003 | " Sierra Nevada, Donner Pass, Truckee, S-35 |
| 4 | 004 | " Nev., Lake Tahoe, Sierra Nevada, Carson City, Echo Summit |
| 5 | 005 | " " " " " " Fallen Leaf Lake, Carson Pass |
| 6 | 006 | " " " " Sonora Pass, Carson City, S-40, C-10 |
| 7 | 007 | " " Sierra Nevada, Hawthorne, Tioga Pass, S-40, C-25 |
| 8 | 008 | " " Mono Lake, Tom's Place, Devil's Post Pile, S-30, C-40 |
| 9 | 009 | " " Bishop, Owens R., Westgard Pass, White Mts., S-10, C-30 |
| 10 | 010 | " " " " Deep Springs, Owens R., Fureka Valley, C-15, S-10 |
| 11 | 011 | " " Owens R., Inyo Mts., Saline Valley, S-10 |
| 12 | 012 | " " Death Valley, Panamint Range, Inyo Mts. |
| 13 | 013 | " " " " Furnace Creek, Stove Pipe Wells |
| 14 | 014 | " " " " Badwater, Panamint Range, Armagosa Range |
| 15 | 015 | " " " " Armagosa R., Badwater, Shoshone |
| 16 | 016 | " " Pahump, Spring Mts., Armagosa R., Tecopa |
| 17 | 017 | " " Baker, Mesquite Lake, Goodsprings, Shadow Mts. |
| 18 | 018 | " " Ariz., Baker, Cima, New York Mts., Kelso, Colorado R. |
| 19 | 019 | " " " " Colorado R., Lake Mojave, Searchlights |
| 20 | 020 | " " " " " " Havasu Lake, Needles, Oatman |
| 21 | 021 | " " Ariz., Parker, Colorado R., Havasu Lake, Bill Williams Res. |
| 22 | 022 | " " " " Havasu Lake, Parker, Colorado R. |
| 23 | 023 | " " " " Colorado R., Parker, Hope, Bill Williams R. |
| 24 | 024 | Ariz., Rouse Wash, Gila R., Eagle Tail Mts. |
| 25 | 025 | " " Gila R., Sentinel, Winterburg, Buckeye |
| 26 | 026 | " " " " Gila Bend, Buckeye, Sentinel, Ajo |
| 27 | 027 | " " " " " " Ajo, Kaka |
| 28 | 028 | " " Ajo, Ajo Mts., Sand Tank Mts. |
| 29 | 029 | " " Sonora, Kom Vo., Sells |
| 30 | 030 | " " " " Sells, Serrita Mts. |
| 31 | 031 | " " " " Nogales, Santa Cruz R., Serrita Mts. |
| 32 | 032 | " " " " " " Sasabe |
| 33 | 033 | " " " " " " Sasabe, Magdalena R. |
| 34 | 034 | Sonora, Aguacalientes R., Arizpe |
| 35 | 035 | " " Rio Sonora, Moctezuma, Rio Moctezuma |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 36 | SL4-94-036 | Sonora, Novillo Res., Rio Moctezuma, Tonchi, BREAK IN PASS |
| 37 | 037 | BREAK IN PASS, San Luis, Potosi State, San Luis Potosi |
| 38 | 038 | San Luis Potosi, San Luis Potosi, Santa Maria Del Rio |
| 39 | 039 | " " " " " Villa Del Reyes |
| 40 | 040 | " " " Santa Maria Del Rio, BREAK IN PASS |
| 41 | 041 | BREAK IN PASS, Vera Cruz, Puebla, Oaxaca, M. Aleman Res., C-30 |
| 42 | 042 | Vera Cruz, Oaxaca, M. Aleman Res., Tierra Blanca, C-35 |
| 43 | 043 | Oaxaca, Vera Cruz, M. Aleman Res., Cosamaloapan, C-30 |
| 44 | 044 | " " " Rio Playa Vicente, Loma Bonita, C-35 |
| 45 | 045 | " " " Rio De La Lana, Rio Trinidad, C-45 |
| 46 | 046 | " " " Jesus Carranza, Rio Jaltepec, C-55 |
| 47 | 047 | " " " Matias Romero, Rio Coatzacoalcos, BREAK IN PASS |
| 48 | 048 | BREAK IN PASS, Bolivia, Paraguay, Argentina, Rio Pilcomayo, C-15 |
| 49 | 049 | Argentina, Paraguay, Rio Pilcomayo, Fortin Guachalla, C-15 |
| 50 | 050 | " " " " " C-15 |
| 51 | 051 | " " " " " Gran Chaco, C-20 |
| 52 | 052 | " " " " " " " C-20 |
| 53 | 053 | " " " " " " " " |
| 54 | 054 | " " " " " Fortin Pilcomayo, C-20 |
| 55 | 055 | " " " Laguna La Bella, Rio Pilcomayo, C-20 |
| 56 | 056 | " " " Fortin Lugones, Rio Pilcomayo, C-20 |
| 57 | 057 | " " " Ibarreta, Fortin Leyes, Gran Chaco, C-18 |
| 58 | 058 | " " " Comandante Fontana, Ibarreta, Gran Chaco, C-20 |
| 59 | 059 | " " " Palo Santo, Comandante Fontana, Gran Chaco, C-15 |
| 60 | 060 | " " " Parane, Palo Santo, C-25 |
| 61 | 061 | " " " Gran Chaco, C-35 |
| 62 | 062 | " " " Paraguay, Formosa, Rio Paraguay, C-30 |
| 63 | 063 | " " " " " " " " |
| 64 | 064 | " " " Rio Paraguay, Formosa, Rio Teticuary, C-35 |
| 65 | 065 | BREAK IN PASS, Brazil, Sao Luis Gonzaga, Santiago, C-60 |
| 66 | 066 | Brazil, Santiago, C-60 |
| 67 | 067 | Atlantic O. off Brazil, C-45, END EREP PASS #45 |
| 68 | 068 | Brazil, C-70 |
| 69 | 069 | " " " |
| 70 | 070 | BEGIN EREP PASS #47, Oregon, C-100 |
| 71 | 071 | Ore., C-100 |
| 72 | 072 | " " Cascade Range, C-80 |
| 73 | 073 | " " Prineville Res., C-80 |
| 74 | 074 | " " Harney Lake, C-70 |
| 75 | 075 | " " " Malheur Lake, Burns, S-30, C-20 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 76 | SL4-94-076 | Idaho, Ore., Owyhee R., S-50, C-20 |
| 77 | 077 | " " " " S-85 |
| 78 | 078 | " Bruneau R., C-80, BREAK IN PASS |
| 79 | 079 | BREAK IN PASS, Ut., Nev., Idaho, Lucin, Grouse Creek, S-80, C-30 |
| 80 | 080 | Utah, Nev., Great Salt Lake Desert, Lucin, Raft River Mts., S-60 |
| 81 | 081 | " Great Salt Lake, Great Salt Lake Desert, Bonneville Flats, S-55 |
| 82 | 082 | " " " Tooele, Desert Peak, Skull Valley, S-35 |
| 83 | 083 | " Salt Lake City, Great Salt Lake, Tooele, S-30 |
| 84 | 084 | " Great Salt Lake, Utah Lake, Salt Lake City, Provo, S-100 |
| 85 | 085 | " Utah Lake, Provo, Wasatch Mts., S-100 |
| 86 | 086 | " Provo, Wasatch Mts., Price, Helper, Strawberry Res., S-100 |
| 87 | 087 | " Helper, Wasatch Mts., Scofield Res., S-100, C-20 |
| 88 | 088 | " " Roan Plateau, Cedar Mts., S-100, C-35 |
| 89 | 089 | " Green R., Desolation Canyon, S-100, C-45 |
| 90 | 090 | " Colorado R., Green R., Moab, Arches N. P., S-100, C-30 |
| 91 | 091 | " Colo., Colorado R., Moab, La Sal Mts., S-100, C-15 |
| 92 | 092 | " " La Sal Mts., Uncompahgre Plateau, Paradox Valley, S-100 |
| 93 | 093 | Colo., San Miguel R., Uncompahgre Plateau, Montrose, S-100 |
| 94 | 094 | " " Mts., Telluride, Dolores R., Ophir, S-100 |
| 95 | 095 | " San Juan Mts., Las Animas R., Silverton, Vallecito Lake, C-100 |
| 96 | 096 | " " " Rio Grande Res., Creede, S-100, C-10 |
| 97 | 097 | " N. M., San Juan Mts., Conejos R., Spectacle Lake, S-100, C-10 |
| 98 | 098 | " " " " Platoro, Antonio, Manassa, Conejos R. |
| 99 | 099 | " " San Luis Valley, Rio Grande, Conejos R., S-100 |
| 100 | 100 | " " Taos, San Luis Valley, Rio Grande, Questa, S-100 |
| 101 | 101 | N. M., Sangre De Cristo Mts., Taos, Red R., Eagle Nest, S-70 |
| 102 | 102 | " " Philmont, Eagle Nest, Cimarron, Wagon Mound, S-30 |
| 103 | 103 | " " Wagon Mound, Springer, Roy, Canadian R., Mora R. |
| 104 | 104 | " " Canadian R., Conchas Lake |
| 105 | 105 | " " " " " Tucumcari, Ute Lake |
| 106 | 106 | " " Tex., Tucumcari, Ute Lake, Glenrio |
| 107 | 107 | " " " Ute Lake, Mesa Redondo, Clovis, Glenrio |
| 108 | 108 | " " " Clovis, Hereford, Bouina, Dimmitt |
| 109 | 109 | Tex., Hereford, Dimmitt, Olton, Muleshoe, Nazareth |
| 110 | 110 | " Plainview, Littlefield, Olton, Abernathy |
| 111 | 111 | " Lubbock, Plainview, Floydada, Littlefield |
| 112 | 112 | " " Crosbyton, Spur, Slaton, Post, Caprock Escarpment |
| 113 | 113 | " Caprock Escarpment, Post, Spur |
| 114 | 114 | " Snyder, Aspermont, Rotan |
| 115 | 115 | " " Sweetwater, Hamlin, Anson |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 116 | SL4-94-116 | Tex., Abeline, Sweetwater, Stamford, Anson, Buffalo Gap |
| 117 | 117 | " " Buffalo Gap, Cisco |
| 118 | 118 | " " Coleman, Brownwood, Brownwood Lake |
| 119 | 119 | " Brownwood, Comanche, Goldthwaite, Santa Anna |
| 120 | 120 | " " San Saba, Comanche, Colorado R. |
| 121 | 121 | " Killeen, Lampassas, San Saba, Colorado R., LBJ Lake |
| 122 | 122 | " " Temple, Burnet, Lampassas, Colorado R. |
| 123 | 123 | " Austin, Killeen, Temple, Travis Lake, Colorado R. |
| 124 | 124 | " " Taylor, Georgetown, Temple, Colorado R. |
| 125 | 125 | " " Bastrop, Elgin, Giddings, Colorado R. |
| 126 | 126 | " Columbus, Somerville Res., La Grange, Colorado R. |
| 127 | 127 | " " Eagle Lake, Brenham, Sealy, Colorado R. |
| 128 | 128 | " " Wharton, El Campo, Rosenberg, Colorado R. |
| 129 | 129 | " Wharton, Colorado R., Brazos R., Freeport, Bay City, C-15 |
| 130 | 130 | " Freeport, Colorado R., Brazos R., Angleton, San Luis Pass, C-15 |
| 131 | 131 | " " San Luis Pass, Brazos R., Chocolate Bayou, C-20 |
| 132 | 132 | Gulf of Mexico, C-60 |
| 133 | 133 | " " " C-40 |
| 134 | 134 | " " " C-60 |
| 135 | 135 | " " " C-40 |
| 136 | 136 | " " " C-30 |
| 137 | 137 | " " " C-80 |
| 138 | 138 | " " " C-25 |
| 139 | 139 | " " " C-15 |
| 140 | 140 | " " " Arcife Alacaran |
| 141 | 141 | " " " BREAK IN PASS |
| 142 | 142 | Caribbean Sea, C-10 |
| 143 | 143 | " " " |
| 144 | 144 | " " Banco Cabo Falso, Bancos Del Coral, Media Luna Reef |
| 145 | 145 | " " " " " Media Luna Reef, C-10 |
| 146 | 146 | " " C-12 END EREP PASS #47 |
| 147 | 147 | Idaho, Wyo., Snake R. |
| 148 | 148 | BEGIN EREP PASS #48, Wyo., Idaho, Soda Springs, C-70, S-100 |
| 149 | 149 | Wyo., Green R., Fontenelle Res. |
| 150 | 150 | " Rock Springs, S-100, C-60 |
| 151 | 151 | Colo., Wyo., Utah, Green R., Uinta Mts., S-95, C-20 |
| 152 | 152 | " " Craig, Yampa R., Little Snake R., Sunbeam, S-100 |
| 153 | 153 | " " " " Mesa View, S-100 |
| 154 | 154 | " Steamboat Springs, Craig, White Mts., S-100, C-10 |
| 155 | 155 | " Eagle, Colorado R., Steamboat Springs, S-100 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 156 | SL4-94-156 | Colo., Dillon, Colorado R., Kremmling, Vail, Leadville, S-100 |
| 157 | 157 | " " Vail, Breckenridge, Leadville, S-100, C-20 |
| 158 | 158 | " Denver (S. Suburbs), Rampart Range, South Park, Dillon, S-100 |
| 159 | 159 | " " " Colorado Springs, Rampart Range, S-90 |
| 160 | 160 | " Pueblo West, Colorado Springs, Pikes Peak, Denver, C-15, S-60 |
| 161 | 161 | " Pueblo, Colorado Springs, Arkansas R., S-30 |
| 162 | 162 | " " Arkansas R., C-15 |
| 163 | 163 | " La Junta, Rocky Ford, Arkansas R., Las Animas, C-15 |
| 164 | 164 | " Las Animas, Lamar, Arkansas R., Purgatoire R., C-10 |
| 165 | 165 | " Lamar, Springfield, Arkansas R. |
| 166 | 166 | " Okla., Kan., Lamar, Arkansas R., Springfield |
| 167 | 167 | " " " Cimarron R., Hugoton, Elkhart |
| 168 | 168 | " " " Tex., Guymon, Hugoton, Hooker, C-10 |
| 169 | 169 | Kan., Okla., Tex., Liberal, Guymon, N. Canadian R., C-30, S-10 |
| 170 | 170 | Okla., Tex., Canadian R., C-70 |
| 171 | 171 | " Canadian R., Clinton, S-60 |
| 172 | 172 | " Weatherford, Fort Sill, Anadarko, C-50 |
| 173 | 173 | " Lawton, Chikasha, Duncan |
| 174 | 174 | " Tex., Red R., Lake Texoma, Ardmore |
| 175 | 175 | " " Lake Texoma, Red R., Sherman, Durant |
| 176 | 176 | Tex., Greenville, Sulphur Springs, Lake Tawakoni |
| 177 | 177 | " Tyler, Longview, Kilgore, Henderson |
| 178 | 178 | " La., Nacogdoches, Lake Rayburn, Toledo Bend Res. |
| 179 | 179 | " " Toledo Bend Res., Lake Rayburn, Ft. Polk |
| 180 | 180 | La., De Ridder, Oakdale, Lake Charles, Kinder |
| 181 | 181 | " Lafayette, New Iberia, Vermillion Bay, Abbeville |
| 182 | 182 | " Vermillion Bay, Atchafalaya Bay, Morgan City |
| 183 | 183 | " Isles Derniers, Timbalier I. |
| 184 | 184 | Gulf of Mexico, C-30 |
| 185 | 185 | " " " C-80 |
| 186 | 186 | " " " C-70 |
| 187 | 187 | " " " C-30 |
| 188 | 188 | " " " C-15 |
| 189 | 189 | " " " C-25 |
| 190 | 190 | " " " C-20 |
| 191 | 191 | " " " " |
| 192 | 192 | " " " C-35, BREAK IN PASS |
| 193 | 193 | BREAK IN PASS, Colombia, Sierra Nevada De Santa Marta, C-30 |
| 194 | 194 | Colombia, Venezuela, Sierra De Merida, Rio Cesar, C-30 |
| 195 | 195 | Venezuela, Colombia, Rio Catatimbo, C-75 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 196 | SL4-94-196 | Venezuela, C-100 |
| 197 | 197 | " Colombia, Rio Doradas, C-40 |
| 198 | 198 | " " Rio Arauca, Arauca, C-20 |
| 199 | 199 | Colombia, Rio Cravo Norte, C-20 |
| 200 | 200 | " Rio Meta, Rio Cravo Norte, C-15, END EREP PASS #48 |
| 201 | 201 | BEGIN EREP PASS #50, Pacific O. off Ore., C-20 |
| 202 | 202 | Pacific O. off Ore., C-20 |
| 203 | 203 | " " " " " |
| 204 | 204 | " " " " " |
| 205 | 205 | " " " " " |
| 206 | 206 | " " " " C-25 |
| 207 | 207 | " " " " " |
| 208 | 208 | " " " " C-35 |
| 209 | 209 | " " " " C-60 |
| 210 | 210 | " " " " C-90 |
| 211 | 211 | Calif., Ore., Coast Line, Coastal Ranges, C-93 |
| 212 | 212 | " Coastal Range, Klamath R., C-90 |
| 213 | 213 | " Cottonwood Creek, Clair Engle Lake, C-85 |
| 214 | 214 | " Sacramento R., Red Bluff, C-80 |
| 215 | 215 | " Red Bluff, Lake Almanor, Sacramento R., C-80 |
| 216 | 216 | " Lake Almanor, C-96 |
| 217 | 217 | " " " C-92 |
| 218 | 218 | " Nev., Truckee, Donner's Pass, C-91 |
| 219 | 219 | " " Lake Tahoe, Virginia City, Carson R., C-80 |
| 220 | 220 | " " " " Lahontan Res., Carson R., C-70 |
| 221 | 221 | " " Walker R., Lahontan Res., Yerington, C-40 |
| 222 | 222 | " " Walker Lake, Hawthorne, Gabbs Dry Lake, C-20 |
| 223 | 223 | " " " " Exceleior Mts., BREAK IN PASS |
| 224 | 224 | BREAK IN PASS, Nev., Ariz., Lake Mead, Grand Canyon, Chloride |
| 225 | 225 | Nev., Ariz., Lake Mead, Grand Canyon, Kingman, Chloride |
| 226 | 226 | Ariz., Grand Canyon, Kingman, Peach Sorings, Juniper Mts. |
| 227 | 227 | " Ashfork, Juniper Mts., Camp Wood, Skull Valley |
| 228 | 228 | " Prescott, Ashfork, Jerome, Camp Wood |
| 229 | 229 | " " Clarkdale, Verde R., Secona |
| 230 | 230 | " " Camp Verde, Verde R., Cordes |
| 231 | 231 | " Payson, Mogollon Rim, Camp Verde, Happy Jack |
| 232 | 232 | " Roosevelt Res., Salt R., Payson, Tonto Basin |
| 233 | 233 | " Globe, Miami, Superstition Mts., Salt R., Tonto Basin |
| 234 | 234 | " San Carlos Res., Salt R., Gila R., Globe, Pinal Mts. |
| 235 | 235 | " " " " Gila R., Klondyke, Hayden |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|--|
| 236 | SL4-94-236 | Ariz., Thatcher, Gila R., Pinaleno Mts., Gila Mts., Willcox |
| 237 | 237 | " N. M., Thatcher, Willcox Lake, Bowie, Pinaleno Mts. |
| 238 | 238 | " " " Lordsburg, Chiracahua Mts., Apache Pass |
| 239 | 239 | " " " " Rodeo, Chiracahua Mts., San Simon |
| 240 | 240 | " " " Sonora, Chihuahua, Lordsburg, Playas Lake |
| 241 | 241 | " " " " " Animas Mts., Hachita |
| 242 | 242 | " " " Chihuahua, La Ascension, Rio Casas Grandes |
| 243 | 243 | Chihuahua, Lago Guzman, Laguna Santa Maria, Guzman |
| 244 | 244 | " Aguas Termales, Laguna Santa Maria, Rio S. Maria |
| 245 | 245 | " Villa Ahumada, Rio Carman, Rio Santa Maria |
| 246 | 246 | " " " " " Moctezuma, Rio Carman |
| 247 | 247 | " Rancho Las Cuatas, Ojo De Laguna |
| 248 | 248 | " Ojo De Laguna, Laguna Del Cuervo |
| 249 | 249 | " Laguna Del Cuervo, Sierra Tasajera, Aldama |
| 250 | 250 | " Aldama, Laguna Del Cuervo, Rio Conchos |
| 251 | 251 | " Rio Concho, Chilicote, Charco Del Pena |
| 252 | 252 | " Las Mestenas, Charco Del Pena |
| 253 | 253 | " " " " " El Barreal |
| 254 | 254 | " Coahuila, Laguna De Los Frailes, El Barreal |
| 255 | 255 | " " " " " " Sierra Mojada |
| 256 | 256 | Coahuila, Esmeralda, El Oro |
| 257 | 257 | " Sierra Del Tlahualilo |
| 258 | 258 | " Sierra Colorada, Cuartocienegas |
| 259 | 259 | " " " " " Sierra De La Purisima, Cuartocienegas |
| 260 | 260 | " Sierra De La Purisima, Sierra De Los Alamitos |
| 261 | 261 | " Sierra De Los Alamitos, La Luz, Piedra Blanca |
| 262 | 262 | " General Cepeda, Piedra Blanca |
| 263 | 263 | " Saltillo, General Cepeda, Sierra Madre Oriental |
| 264 | 264 | " Nuevo Leon, Saltillo, Sierra Madre Oriental |
| 265 | 265 | " " " " " Saltillo, Sierra Madre Oriental, San Rafael |
| 266 | 266 | " " " " " Sierra Madre Oriental, San Salvador, C-10 |
| 267 | 267 | Nuevo Leon, Sierra Madre Oriental, Ascension, C-10 |
| 268 | 268 | " " " " " Tamaulipas, Ascension, Sierra Madre Oriental |
| 269 | 269 | " " " " " Ciudad Victoria, Sierra Madre Oriental |
| 270 | 270 | " " " " " " Tula, C-15 |
| 271 | 271 | Tamaulipas, Ciudad Victoria, Tula, Sierra Madre Oriental, C-50 |
| 272 | 272 | " San Luis Potosi, Rio Tamesi, C-70 |
| 273 | 273 | " " " " " Vera Cruz, Rio Tamesi, Laguna Tortuga, C-1 |
| 274 | 274 | " " " " " " Tampico, Rio Tamesi, Panuco. |
| 275 | 275 | Vera Cruz, San Luis Potosi, Tampico, Panuco, C-40 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | |
|-----------|------------|-------------------------------------|------------------|----------------------|-------------------------|----------------------------------|
| 276 | SL4-94-276 | Vera Cruz, | Tampico, | Laguna Tamiahua, | Cabo Rojo, | C-60 |
| 277 | 277 | " | " | Laguna Tamiahua, | Cabo Rojo, | C-60 |
| 278 | 278 | " | " | Cabo Rojo, | Tuxpan, | Tamiahua, C-40 |
| 279 | 279 | " | " | Tuxpan, | Gutierrez Zamora, | C-40 |
| 280 | 280 | " | " | Gutierrez Zamora, | Misantla, | C-40 |
| 281 | 281 | " | " | Misantla, | | C-35 |
| 282 | 282 | " | " | Punta Zempoala, | | C-20 |
| 283 | 283 | " | " | Vera Cruz | | |
| 284 | 284 | " | " | " | " | C-10 |
| 285 | 285 | " | " | Alvarado, | | C-20 |
| 286 | 286 | " | " | San Andres Tuxla, | Lago Catemaco, | C-35 |
| 287 | 287 | " | " | Lago Catemaco, | Catamaco, | C-40 |
| 288 | 288 | " | " | " | " | Coatzacoalcos, C-50 |
| 289 | 289 | " | " | Tabasco, | Coatzacoalcos, | Minatitlan, Lago Texcolapa, C-60 |
| 290 | 290 | " | " | " | Isthmus of Tehuantepec, | C-80 |
| 291 | 291 | " | " | " | Daxaca, | Chiapas, Mal Paso Res., C-80 |
| 292 | 292 | Oaxaca, | Chiapas, | Vera Cruz, | Mal Paso Res., | Tuxla Gutierrez, C-60 |
| 293 | 293 | " | " | Mal Paso Res., | Tuxla Gutierrez, | C-40 |
| 294 | 294 | Chiapas, | Tuxla Gutierrez, | Rio Grijavla, | | C-20 |
| 295 | 295 | " | | Venustiano, | Carranza, | Rio Grijavla, C-12 |
| 296 | 296 | " | | Rio Grijavla, | Sierra Soconusco, | C-15 |
| 297 | 297 | Guatemala, | Mexico (Chiapas, | Rio Selegua, | Montozintia De Mendoza, | C-15 |
| 298 | 298 | " | " | " | Tuxla Chico, | Tapachula, C-25 |
| 299 | 299 | " | " | " | Tapachula, | Quetzaltenango, C-25 |
| 300 | 300 | " | | Quetzaltenango, | Lago Atitlan, | Mezatenango, C-30 |
| 301 | 301 | " | | Lago Atitlan, | Tiquisate, | Patulul, Escuintla, C-20 |
| 302 | 302 | " | | Escuintla, | San Jose, | Istapa, C-15 |
| 303 | 303 | " | | San Jose, | Istapa, | Escuintla |
| 304 | 304 | " | | El Papaturro, | | C-10 |
| 305 | 305 | Pacific O. | | off Central America, | | C-15 |
| 306 | 306 | " | " | " | " | " |
| 307 | 307 | " | " | " | " | " |
| 308 | 308 | " | " | " | " | " |
| 309 | 309 | " | " | " | " | " |
| 310 | 310 | " | " | " | " | " |
| 311 | 311 | " | " | " | " | " |
| 312 | 312 | " | " | " | " | " |
| 313 | 313 | " | " | " | " | " |
| 314 | 314 | " | " | " | " | " |
| 315 | 315 | " | " | " | " | " |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. | | | | |
|-----------|------------|-------------------------------------|-------|-------------|---------|---------|
| 316 | SL4-94-316 | Pacific | O. | off | Central | America |
| 317 | 317 | " | " | " | " | C-15 |
| 318 | 318 | " | " | " | " | C-25 |
| 319 | 319 | " | " | " | " | C-35 |
| 320 | 320 | " | " | " | " | C-50 |
| 321 | 321 | " | " | " | " | C-65 |
| 322 | 322 | " | " | " | " | C-75 |
| 323 | 323 | " | " | " | " | C-85 |
| 324 | 324 | " | " | " | " | C-90 |
| 325 | 325 | " | " | " | " | " |
| 326 | 326 | " | " | " | " | C-75 |
| 327 | 327 | " | " | " | " | C-50 |
| 328 | 328 | " | " | " | " | C-30 |
| 329 | 329 | " | " | " | " | C-15 |
| 330 | 330 | " | " | " | " | C-20 |
| 331 | 331 | " | " | " | " | C-25 |
| 332 | 332 | " | " | " | " | C-45 |
| 333 | 333 | " | " | " | " | C-40 |
| 334 | 334 | " | " | " | " | C-35 |
| 335 | 335 | " | " | " | " | C-20 |
| 336 | 336 | " | " | " | " | C-25 |
| 337 | 337 | " | " | " | " | C-30 |
| 338 | 338 | " | " | " | Ecuador | C-35 |
| 339 | 339 | " | " | " | " | C-40 |
| 340 | 340 | " | " | " | " | " |
| 341 | 341 | " | " | " | " | C-50 |
| 342 | 342 | " | " | " | " | C-52 |
| 343 | 343 | " | " | " | " | C-65 |
| 344 | 344 | " | " | " | " | " |
| 345 | 345 | " | " | " | " | " |
| 346 | 346 | " | " | " | " | C-50 |
| 347 | 347 | " | " | " | " | C-70 |
| 348 | 348 | " | " | " | " | C-90 |
| 349 | 349 | Ecuador, C-100, overexposed | | | | |
| 350 | 350 | " | C-96 | " | | |
| 351 | 351 | " | C-93 | " | | |
| 352 | 352 | " | C-91, | overexposed | | |
| 353 | 353 | " | C-90 | " | | |
| 354 | 354 | " | C-93 | " | | |
| 355 | 355 | " | C-90 | | | |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|-----------|------------|---|
| 356 | SL4-94-356 | Ecuador, Andes, Amazon Basin, C-80 |
| 357 | 357 | " Amazon Basin, Rio Santiago, C-70 |
| 358 | 358 | " Rio Santiago, Rio Morona, C-70 |
| 359 | 359 | " Peru, Rio Santaigo, Rio Morona, C-60 |
| 360 | 360 | Peru, Rio Santiago, Rio Morona, C-60 |
| 361 | 361 | " Rio Maranon, Rio Morona, C-55 |
| 362 | 362 | " " " " " C-45 |
| 363 | 363 | " " " " " Rio Pastaza, C-45 |
| 364 | 364 | " " " " " Rio Pastaza, C-50 |
| 365 | 365 | " " " " " Rio Huallaga, C-55 |
| 366 | 366 | " Rio Huallaga, C-70 |
| 367 | 367 | " Rio Ucalyi (Amazon), Rio Huallaga, C-75 |
| 368 | 368 | " " " " " C-80 |
| 369 | 369 | " " " " " C-80 |
| 370 | 370 | " " " " " C-85 |
| 371 | 371 | " " " " " " |
| 372 | 372 | " " " " " " |
| 373 | 373 | " Brazil, Rio Ucalyi (Amazon), C-93 |
| 374 | 374 | " " C-96 |
| 375 | 375 | " " C-97 |
| 376 | 376 | " " " " " |
| 377 | 377 | " " " " " |
| 378 | 378 | " " Rio Alto Yurua, C-95 |
| 379 | 379 | " " " " " C-94 |
| 380 | 380 | " " " " " C-97 BREAK IN PASS |
| 381 | 381 | BREAK IN PASS, Peru, C-99 |
| 382 | 382 | Peru, C-95 |
| 383 | 383 | " Rio Camisea, C-90 |
| 384 | 384 | " " " " C-80 |
| 385 | 385 | " " " " " |
| 386 | 386 | " " " " " |
| 387 | 387 | " " " " " |
| 388 | 388 | " " " " C-90 |
| 389 | 389 | " C-95 |
| 390 | 390 | " C-93 |
| 391 | 391 | " Rio Alto Madre De Dios, Cordillera De Vilcanoja, C-80 |
| 392 | 392 | " " " " " C-70 |
| 393 | 393 | " Bolivia, Cordillera Real, C-55 |
| 394 | 394 | " " " " " C-50 |
| 395 | 395 | Bolivia, Cordillera Real, C-65 |

| FRAME NO. | NASA NO. | SUBJECT DESCRIPTION, LOCATION, ETC. |
|--------------|-------------|---|
| 396 | SL4-94-396 | Bolivia, Cordillera Real, C-80 |
| 397 | 397 | " " " " |
| 398 | 398 | " " " Rio Altamachi, C-85 |
| 399 | 399 | " " " Cochabamba, C-70 |
| 400 | 400 | " Cochabamba, Cordillera Oriental, C-50 |
| 401 | 401 | " Arani, Cliza, Mizque, C-30 |
| 402 | 402 | " Rio Caine, Rio Chapare, C-35 |
| 403 | 403 | " " " C-30 |
| 404 | 404 | " Sucre, Rio Mizque, C-40 |
| 405 | 405 | " Rio Mizque, Mojocoy, C-50 |
| 406 | 406 | " Rio Chico, Rio Mizque, C-60 |
| 407 | 407 | " Rio Grande, C-65 |
| 408 | 408 | " Padilla, C-50 |
| 409 | 409 | " Monteagudo, C-55 |
| 410 | 410 | " Charagua, C-30 |
| 411 | 411 | " Rio Pilcomayo, C-20 |
| 412 | 412 | " " " " |
| 413 | 413 | " Paraguay, Rio Pilcomayo, C-20 |
| 414 | 414 | " " Canada Oruru, C-20 |
| 415 | 415 | Paraguay, Gran Chaco, C-25 |
| 416 | 416 | " " " " |
| 417 | 417 | " " " C-30 |
| 418 | 418 | " " " C-20 |

END OF ROLL

SECTION V

16mm Motion Picture Scene Listing

SKYLAB 4

MAGAZINE 3121

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

CI-21

| | | |
|--------------------|----------|---|
| FROM <u>124</u> | | |
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| | | |
| | | |
| 326 | EVA | 0 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

LOCK

Ci 21 - SKYLAB 4

JSC FILE # S74-028

| START FRAME | SUBJECT | COMMENTS |
|-------------|------------------------|---|
| 00000 | EVA 1 (Operational) | 6 FPS - Majority Taken During Dark Portion of Orbit, Low Light Level. |

SKYLAB 4

MAGAZINE - CI56

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

~~CI 56~~

| FROM <u>CI 73</u> | | |
|--------------------|-----------------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 353 | MIS1 (M1512/CI) | 79 |
| 354 | MIS4 OPS | 00 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

LOCK

CI-56

CI 56 - SKYLAB 4

JSC FILE # S74-009

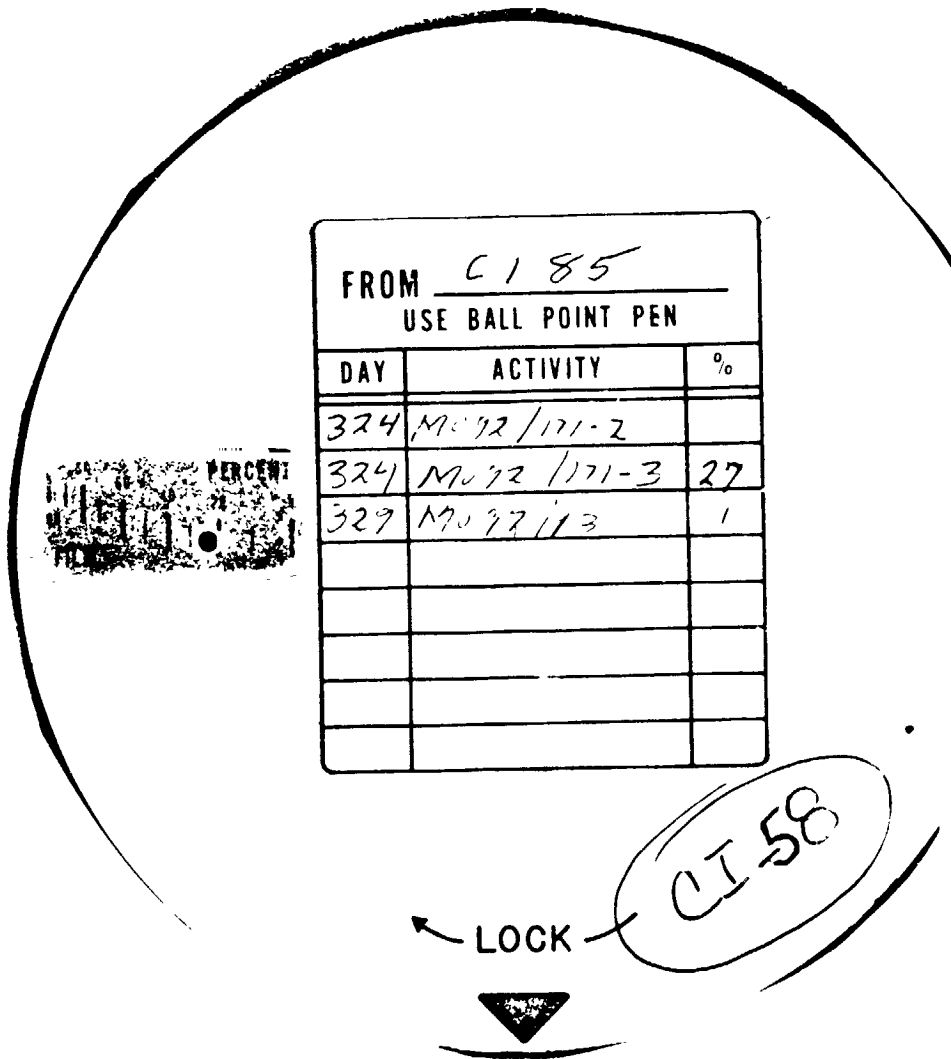
| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------------|---|
| 00000 | M092/M171 (M151) | 2 FPS - Partial Post Activity Missing, DAC Turned on after SubjectEgress., Good Quality, Prep Activity |
| 02302 | M509-1P OPS (M509) | 2 FPS - Dome Camera Location, Unusable, Image Smeared |

SKYLAB 4

MAGAZINE - CI58

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR



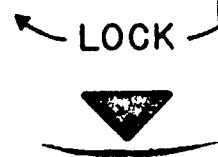
FROM CI 85
USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|------------|----|
| 324 | M072/171-2 | |
| 324 | M072/171-3 | 27 |
| 329 | M072/173 | 1 |
| | | |
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| | | |
| | | |

PERCENT

LOCK

CI 58



CI 58 - SKYLAB 4

JSC FILE # S74-037

| START FRAME | SUBJECT | COMMENTS |
|---|---------------------|--|
| 00000 | M092/M171 (M151) | 2 FPS - LEP BP; Fair-to-Good Quality, Depending on Photo Light use |
| 05282 | M092/M171 (M151) | 2 FPS - Fair-to-good Quality |
| 11220 | M092/M093 (M151) | 2 FPS - Good Quality, Due to Photo Light Use Overriding Radiation |
| ENTIRE CASSETTE SHOWS CONSIDERABLE RADIATION DAMAGE | | |
| 13850 | Operational | Views out CM Window, 12 FPS |

SKYLAB 4

MAGAZINE - C164

16MM - 50-168 - 400'

FILM/EXPERIMENT LOCATOR

~~706564~~

| FROM <u>CI 122</u> | | |
|--------------------|-------------------------------------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 326 | 1.097/177-1 | 69 |
| 9 | | |
| 330 | NUM. 74 APRICA SPRINT 4 H PHOTOS | |
| | last of roll | |
| | 10-20-22 DAY 330 | |
| | 1315-1320 09,- | |
| | | |
| | | |
| | | |
| | | |

LOCK



CI-64

CI 64 - SKYLAB 4

JSC FILE # S74-030

| START FRAME | SUBJECT | COMMENTS |
|-------------|-------------------------------------|---|
| 00000 | M092/M171 (M151) | 2 FPS - Excellent Quality |
| 03865 | EVA Pre/Post (M151) | 2 FPS - Excellent Quality, Camera not Aimed Properly During Suit Doffing, Partial Data on EV2 only |
| 13693 | Out-the- Window (Operational) | 24 FPS - Excellent Quality of Earth Views. |

SKYLAB 4

MAGAZINE - C171

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

For 171

| FROM <u>C177</u> | | |
|--------------------|-----------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 357 | 14509-151 | 8 |
| 357 | 14509 ONE | 60 |
| 357 | ED 172 | 0 |
| | | |
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| | | |

LOCK

C1-71

CI 71 - SKYLAB 4

JSC FILE # S74-006

| START FRAME | SUBJECT | COMMETNS |
|-------------|---------------------|----------------------------|
| 00000 | M509 Prep (M151) | 6 FPS - No Image, Unusable |
| 00418 | M509 OPS (M509) | No Image, Unusable |
| 04552 | ED72 (ED72) | 2 FPS - Good Quality |

SKYLAB 4

MAGAZINE - CI72

16MM - SO-168 - 400'

FILM/EXPERIMENT LOCATOR

~~TO CI 72~~

| FROM <u>CI 74</u> | | |
|--------------------|------------------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 354 | MISI (MO92/171) | 82 |
| 357 | M509 CPS | 12 |
| 358 | DP-CHRISTMAS ACT | 03 |
| 359 | ? SOUTH AMER. | 00 |
| | | |
| | | |
| | | |
| | | |

LOCK

CI 72

CI 72 - SKYLAB 4

JSC FILE # S74-014

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------|--|
| 00000 | M092/M171 | 2 FPS - Good Quality |
| 02441 | M509 OPS (M509) | 2 FPS - Poor Lighting Focus OK, Dome Camera Location |
| 13898 | DP-XMAS (DP) | 24 FPS - Good Quality, All 3 Crewmen Opening Christmas Present |

SKYLAB 4

MAGAZINE - C173

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

~~TOP SECRET~~

FROM C173

USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|------------|----|
| 356 | MISSED REP | 82 |
| 356 | MISSED REP | 88 |
| | | |
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| | | |
| | | |

LOCK

CI-73

C: 73 - SKYLAB 4

JSC FILE # S74-008

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------|--|
| 00000 | ETC Prep (M151) | 6 FPS - Good Quality, Some DAC Problems, DAC Turned Off after ETC Installation |
| 01800 | M509 Prep | 6 FPS - Good Quality, DAC Problems, Film Broken at End |

SKYLAB 4

MAGAZINE - C174

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

| FROM <u>CI 78</u> | | |
|--------------------|------------------------|---------------|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 359 | D.F. EVA | 60 |
| 364 | DP SADF 6,7 | 48 |
| 006 | TRIPLE SHOOTING | 42 |
| 007 | MIST (M092-93) | 29 |
| 012 | MIST (ETC PREP) | 18 |
| | | |
| | | |
| | | |

← LOCK →



CI-74

CI 74 - SKYLAB 4

JSC FILE # S74-011

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------------|--|
| 00000 | EVA 2 (Operational) | 12 FPS - Excellent Quality During Daylight Orbit |
| 05913 | DP-5A,B,C (DP) | 24 FPS - PLT Performing Earth Observations Through Wardroom Window. Also ED 41, Good Quality |
| 08743 | M092/M093 (M151) | 2 FPS - Poor Quality, Low Light Level, High Radiation |
| 11161 | Operational | No Visible Image |
| 11380 | ETC Prep (M151) | 6 FPS - Fair Quality, Visible Radiation Damage |
| 12774 | Shootup (Operational) | 12 FPS - Earth Photos, Great Lakes and Others, Excellent Quality |

SKYLAB 4

MAGAZINE - C177

16MM - 50-168 - 400'

FILM/EXPERIMENT LOCATOR

LOOSE
COVER !!

~~for~~
~~CI 81~~

| FROM <u>CI 81</u> | | |
|--------------------|---|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 020 | M509-3P (DI) | 38 |
| | Cover partially opened when taken from drawer | |
| 021 | M151 (ETC Prep) | 30 |
| | | |
| | | |
| | | |

LOCK



CI 77

CI 77 - SKYLAB 4

JSC FILE # S74-024

| START FRAME | SUBJECT | COMMENTS |
|-------------|----------------------|--|
| 00000 | M5093)-OPS (M509) | 2 FPS - Dome Camera, Poor Quality, Image Smeared. |
| 09967 | ETC PREP (M151) | GFPS - Good Quality |
| 11063 | Depletion of Film | No Image |

260

SKYLAB 4

MAGAZINE - C178

16MM - SO-168 - 400'

FILM/EXPERIMENT LOCATOR

~~78-78~~

| FROM <u>CI 129</u> | | |
|--------------------|---------------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 018 | DP-5 | 90 |
| 023 | DP-8 | 85 |
| 024 | DP-4 CDE | 72 |
| 025 | DP 4 A, B | 65 |
| 031 | DP 4 A, B | 58 |
| 033 | DP (URINE SA) | 40 |
| 034 | M/47 EVA PRO | 10 |
| 034 | DP 24 | 10 |

← LOCK →



CI-78

CI 78 - SKYLAB 4

JSC FILE # S74-031

| START FRAME | SUBJECT | COMMENTS |
|-------------|----------------------------|--|
| 00000 | DP5 (DP) | 24 FPS - Viewing From Wardroom Window, Intercom |
| 00921 | DP8 (DP) | 24 FPS - Ear and Nose Swabs, Excellent Quality (CDR,SPT) |
| 01797 | DP4 (DP) | 24 FPS - Good Quality |
| 03878 | DP4-A6B | 24 FPS - PLT Used SMMD |
| 05068 | DP8 (DP) | 24 FPS - PLT Ear Examine, Throat Exam, SPT Ear Exam, SPT Use of Microscope |
| 06857 | DP Urine Sample (DP) | 24 FPS - Urine Sample, Transfer From Drawer, Excellent Quality |
| 09442 | EVA Prep (M151) | 2 FPS - Excellent Quality |
| 13203 | DP 24 EVA Prep (DP) | 24 FPS - Excellent Quality, Glove Donning Only, No Helmets |

SKYLAB 4

MAGAZINE - C179

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

~~10-2-79~~

| FROM <u>CI 87</u> | | |
|--------------------|----------------------------|---------------|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 028 | M151 (M09) - 93 | 83 |
| 028 | M151 (M09) - 93 | 83 |
| 028 | M487-4A | 68 |
| 029 | 1:15 / M092/93 | 58 |
| 030 | CI: MASS MEAS | 54 |
| 030 | M151 (ETL PI) | 48 |
| 030 | M487-4E | 39 |
| 031 | M487-4E | 28 |

LOCK

CI-79

CI 79 - SKYLAB 4

JSC FILE # S74-026

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------------|--|
| 00000 | M092/M093 (M151) | 2 FPS - Good Quality |
| 02076 | M487-4A (M487) | 6 FPS - Poor Quality, Low Light Level, PLT Preparing Meal |
| 04653 | M092/M093 (M151) | 2 FPS - Good Quality |
| 06736 | Center Mass (M172) | 6 FPS - Low Light Level, Fair Quality |
| 07354 | ETC Prep (M151) | 6 FPS - Fair Quality, Low Light Level, DAC Off After ETC Installation |
| 08600 | M487-E (M487) | 6 FPS - Low Light Level, Fair Quality |
| 09588 | HK71B (Operational) | 12 FPS - Fire Extinguisher Demo- Excellent Quality |
| 11522 | M487-F (M487) | 6 FPS - Checklist Update Utilizing Food Tray, Excellent Quality |
| 12939 | Shootup (Operational) | 12 FPS? - Acrobatics & Running Around Ring Lockers, Poor to Fair Quality |

SKYLAB 4

MAGAZINE - C180

16MM - S0-168 - 400'

FILM/EXPERIMENT LOCATOR

~~TO C180~~

| FROM <u>C186</u> | | |
|--------------------|----------------------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 022 | M509-3P (FID) | 35 |
| 024 | M509 T020 | 05 |
| | | |
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| | | |

LOCK

C180

CI 80 - SKYLAB 4

JSC FILE # S74-005

| START FRAME | SUBJECT | COMMENTS |
|-------------|-----------------------|---|
| 00000 | M509-3P OPS (M509) | 2 FPS - Good Quality, F10 DAC Location on Suited Run |
| 10025 | T020 OPS (T020) | 2 FPS - Dome Camera, Fair Quality |

SKYLAB 4

MAGAZINE - C181

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

~~10-2-81~~

| FROM <u>CI 65</u> | | |
|--------------------|---------------|----|
| USE BALL-POINT PEN | | |
| DAY | ACTIVITY | % |
| 032 | MED | 87 |
| | A | |
| | WILLIAM | 6 |
| | | |
| 035 | IP (TRAINING) | 18 |
| 037 | APPROXIMATE | 66 |
| | C | |
| | | |

PERCENT

LOCK



CI-81

C1 81 - SKYLAB 4

JSC FILE # S74-012

| START FRAME | SUBJECT | COMMENTS |
|-------------|-------------------------------------|--|
| 00000 | M092/M171 (M151) | 2 FPS - Good Quality |
| 01530 | M092/M171 (M151) | 2 FPS - Good Quality |
| 03680 | EVA Post (M151) | 2 FPS - Good Quality, Camera Slightly Misaligned |
| 05826 | S054 Download (M516) | 6 FPS - Excellent Quality, Good Example of Disassembly of Hardware |
| 10251 | Treadmill Demo (DP) | 24 FPS - Excellent Quality |
| 12278 | Crew Acrobatics (Operational) | 24 FPS - Fair Quality, Filmed in FWD Area |

268

SKYLAB 4

MAGAZINE - C182

16MM - 50-168 - 400'

FILM/EXPERIMENT LOCATOR

FROM C I 71
USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|------------------------------------|----|
| 335 | ETC PREP - 2100 HRS 055 nominal | 93 |
| 338 | M487-4 D | 81 |
| 339 | M1092 / 121 | 62 |
| 341 | ETC PREP JAM | 62 |
| 348 | M151 (M509 REP) | 43 |
| 348 | M151 ETC PREP JAM | 42 |
| | | |
| | | |

~~XXXXXXXXXX~~

OE-82

LOCK
▼

CL 82 - SKYLAB 4

JSC FILE # S74-009

| START FRAME | SUBJECT | COMMENTS |
|--|---------------------|--|
| 00000 | M487-4D (M487) | 6 FPS - Fair Quality, PLT Shaving and Combing Hair in WMC |
| 02623 | M092/M121 (M151) | 2 FPS - Good Quality |
| 05562 | M509 Prep (M151) | 6 FPS - Out-of-Focus at Beginning, Poor Quality, Low Lighting |
| ENTIRE CASSETTE SHOWS SIGNIFICANT RADIATION DAMAGE | | |
| 270 | | |

SKYLAB 4

MAGAZINE - C185

16MM - 50-168 - 400'

FILM/EXPERIMENT LOCATOR

~~TO 8585~~

| FROM <u>CI 72</u> | | |
|--------------------|---------------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 349 | M509 OPS | 40 |
| 352 | M487 (HK 60E) | 60 |
| | | |
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PERLINE

LOCK

CI-85

CI 85 - SKYLAB 4

JSC FILE # S74-039

| START FRAME | SUBJECT | COMMENTS |
|-------------|-----------------------|---|
| 00000 | M509-1C OPS (M509) | 2 FPS - Fair-to-Poor Quality, Due to Low Light Level |
| 06625 | HK60E Operational | 6 FPS - Poor Quality, Due to Low Light Level, Picture Inverted |

SKYLAB 4

MAGAZINE - C188

16MM - 50-168 - 400'

FILM/EXPERIMENT LOCATOR

FROM _____
PLEASE USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|------------|----|
| 015 | 7020 | 60 |
| 016 | 7020 (P41) | |
| | 7020 | |
| | 7020 | |
| | | |
| | | |
| | | |
| | | |
| | C1-88 | |

C1 88 - SKYLAB 4

JSC FILE # S74-021

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------|--------------------------------|
| 00000 | T020 OPS (T020) | 2 FPS - FCM4 DAC, Good Quality |

SKYLAB 4

MAGAZINE - CI89

16MM - SO-168 - 400'

FILM/EXPERIMENT LOCATOR

FROM TC20

USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|----------|----|
| 024 | TC20 | 75 |
| | | |
| | | |
| | | |
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| | | |
| | | |
| | CI89 | |

CI 89 - SKYLAB 4

JSC FILE # S74-022

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------|--------------------------------|
| 00000 | T020 OPS (T020) | 2 FPS - FCMU DAC, Good Quality |

SKYLAB 4

MAGAZINE - CI93

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

~~TO CI 93~~

FROM CI 127
USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|---------------|----|
| 361 | DP-19 | 65 |
| 364 | DP-14A | 63 |
| 364 | DP-10 | 60 |
| 001 | DP-11 | 44 |
| 004 | DP-14C | 41 |
| 005 | DP-17 | 34 |
| 006 | DP-2 | 18 |
| 006 | DP-16G, 12ARC | 0 |

LOCK

CI-93

CI 93 - SKYLAB 4

JSC FILE # S74-032

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------------------|---|
| 00000 | DP-M092 (DP) | 24 FPS - M092 Run, Slightly Out- of-Focus, ESS Photos Badly Out- of-Focus |
| 03074 | DP-M171 (DP) | 24 FPS - Good-to-Excellent Quality |
| 04308 | DP Parasol Canister (DP) | 24 FPS - Excellent Quality |
| 04680 | DP-T003? (DP) | |
| 05800 | DP-M131 (DP) | SPT MS Run, Excellent Quality |
| 08058 | DP ETC Prep (DP) | Excellent Quality |
| 09109 | DP Crystal Growth (DP) | Good Quality |
| 10373 | DP Shaving (DP) | SPT Shaving, Good-to-Fair Quality |
| 13002 | DP-SIA (DP) | CDR Demonstrating Use and Removal of Intercom Box, Excellent Quality |

SKYLAB 4

MAGAZINE - CI94

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

~~CI 94~~

| FROM <u>CI 98</u> | | |
|--------------------|----------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| | M479 | 60 |
| | | |
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PERCENT

LOCK CI-94

CI 94 - SKYLAB 4

JSC FILE # S74-025

| START FRAME | SUBJECT | COMMENTS |
|-------------|------------------------------|----------------------------|
| 00000 | Test 7--21 M479 (M479) | 24 FPS - Excellent Quality |

SKYLAB 4

MAGAZINE - C195

16MM - 50-168 - 400'

FILM/EXPERIMENT LOCATOR

~~To C195~~

| FROM <u>C197</u> | | |
|--------------------|----------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 03 | M479 | 00 |
| | | |
| | | |
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| | | |

LOCK

C1 95

CI 95 - SKYLAB 4

JSC FILE # S74-035

| START FRAME | SUBJECT | COMMENTS |
|-------------|----------------|---|
| 00000 | M479 (M479) | Excellent Quality Tests 31--37 24 FPS |

SKYLAB 4

MAGAZINE - C198

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

~~TO C198~~

| FROM <u>C195</u> | | |
|--------------------|----------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 036 | M479 | 00 |
| | | |
| | | |
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| | | |



LOCK
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C198

CI 98 - SKYLAB 4

JSC FILE # S74-036

| START FRAME | SUBJECT | COMMENTS |
|-------------|-------------------------|---|
| 00000 | M479 0479 | Excellent Quality Tests 22--30 24 FPS |

SKYLAB 4

MAGAZINE - C1122

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

| FROM <u>CI 93</u> | | |
|--------------------|-------------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 333 | S183 | 96 |
| 341 | M092/93 | 77 |
| | JANUARY - | |
| | CONTINUED - | |
| | 20% | |
| | | |
| | | |
| | | |
| | | |

LOCK

CI 122

CI 122 - SKYLAB 4

JSC FILE # S74-038

| START FRAME | SUBJECT | COMMENTS |
|-------------|---------------------|--|
| 00000 | M092/M093 (M151) | 2 FPS - Leg BP, Fair-to-Good Quality, Depending on Photo Light Use |

C-4

SKYLAB 4

MAGAZINE - C1124

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

FROM CI 125
USE BALL POINT PEN

| DAY | ACTIVITY | % |
|----------------|-----------------------------|----|
| 330 | M092/93 (MLT) | 85 |
| 331 | M092/93 (MLT) | |
| 330 | ED 63 | 67 |
| 331 | First 4.13.00 ETC P. 1.1 | 73 |
| 331 | ETC P. 1.7 / 2.00 / 61 | 76 |
| 331 | ED 63 - | 71 |
| 343 | MOON ECLIPSE + SET 67 | |
| 343 | AUSTRALIAN DRAUGHT 57 | |
| 344 | S. CHILEAN FORDS 07 | |

LOCK

CI-124

CI 124 - SKYLAB 4

JSC FILE # S74-041

| START FRAME | SUBJECT | COMMENTS |
|-------------|-------------------------------|---|
| 00000 | M092/M093 (M151) | 2 FPS - Good Quality |
| 03755 | ED63 | FPS Unknown, Quality Unknown |
| 05274 | ETC Prep (M151) | 6 FPS - Excellent Photography |
| 10035 | ETC Prep (M151) | Completely Out-of-Focus, Film Transport Problem |
| 11153 | M487 Food Prep (M487) | 6 FPS - Excellent Quality |
| 13058 | ED63 | FPS and Quality Unknown |
| 14123 | Moon Eclipse (Operational) | Excellent Quality |
| 14663 | Earth Views (Operational) | Excellent Quality; Australian Drought and Chilean Fjords |

SKYLAB 4

MAGAZINE - CI125

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

FROM ~~CI125~~ CI126
USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|---------------------|----------------|
| | MAGAZINE | 100 |
| 351 | DP 14B | 96 |
| 351 | DP 18 | 67 |
| 353 | DP 21 | 40 |
| 357 | CHRISTMAS ACT. | 24 |
| 357 | DP-1 | 10 |
| 361 | DP-9 | 5 |
| 364 | DP-14A | 0 |

LOCK

CI-125

CI 125 - SKYLAB 4

JSC FILE # S74-033

| START FRAME | SUBJECT | COMMENTS |
|-------------|----------------------|--|
| 00000 | DP-14B (DP) | CDR Operating S019, Excellent Quality |
| 00878 | DP-18 (DP) | SPT - ATM C & D OPS, Closeup Portion Out-of-Focus |
| 04301 | DP-13 (DP) | M172 - BMMD W/CDR, Excellent Quality |
| 06773 | DP-21 (DP) | M133 Prep and Donning |
| 09443 | DP-Christmas (DP) | CMN Decorating Tree, 24 & 12 FPS |
| 11683 | DP-1 (DP) | M110 - Blood Draw, Centrifuge OPS |
| 14050 | DP-14A (DP) | SPT Using Shower |

SKYLAB 4

MAGAZINE - C1126

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

~~FE-126~~

FROM CE 79

USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|-----------------|----|
| 004 | M151 (ETC PACE) | 52 |
| 004 | M151 (M092/11) | 68 |
| 006 | TV107 | 62 |
| 012 | ED '72 | 59 |
| 015 | T020 (DOME) | 40 |
| 017 | M151 (M57930) | 35 |
| 019 | M151 (M092/11) | 23 |
| 020 | M151 (M092/11) | 09 |

LOCK

CI-126

CI 126 - SKYLAB 4

JSC FILE # S74-004

| START FRAME | SUBJECT | COMMENTS |
|-------------|------------------------|--|
| 00000 | ETC Prep (M151) | 6 FPS - Good Quality, Camera Slightly Misaligned |
| 02200 | M092/M171 (M151) | 2 FPS - Good Quality, PLT Using Ergometer in Background |
| 04717 | TV107 | Unusable, Virtually no Image |
| 06090 | ED72 (ED72) | Excellent Quality |
| 06781 | T020 (T020) | 2 FPS - T020 Dome Camera Fair Quality |
| 09647 | M509-3C Prep (M151) | 6 FPS - Fair Quality |
| 10596 | M092/M171 (M151) | 2 FPS - Good Quality |
| 12275 | M092/M171 (M151) | 2 FPS - Good Quality on Prep, No Lighting on Post |
| 14756 | Operational | 12 FPS - Earth Views, Good Quality |

SKYLAB 4

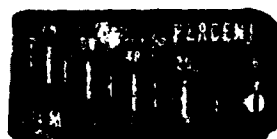
MAGAZINE - C1127

16MM - SO-168 - 400'

FILM/EXPERIMENT LOCATOR

7-1-127

| FROM <u>CI 128</u> | | |
|--------------------|--------------|-----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 007 | DP 1 | 79 |
| 011 | DP 3 | 50 |
| 014 | DP 22 | 1/2 |
| 015 | DP 20 | 27 |
| 16 | DP 6, 15, 16 | 20 |
| | | |
| | | |
| | | |



LOCK



CI 127

CI 127 - SKYLAB 4

JSC FILE # S74-034

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------------------|--|
| 00000 | DP-23 (DP) | CDR and PLT in MDA Performing EREP Activity, Close-up Slightly out-of-Focus, Excellent Quality |
| 02303 | DP-3 (DP) | SPT and PLT Performing Meal Prep, Food Tray Close-up, Out-of-Focus, Excellent Quality |
| 07610 | DP-22 (DP) | Image Smeared |
| 08678 | DP-20 (DP) | Trash Airlock Activity, Out-of-Focus |
| 09749 | DP-20 (DP) | Repeated Trash Airlock Activity, Excellent |
| 10625 | DP-6 (DP) | T002, Excellent Quality |
| 11405 | DP-ED41 (DP) | ED 41 Excellent Quality, Close-up |
| 12042 | DP-Water Ionization (DP) | Excellent Quality |
| 13620 | DP-Teleprinter (DP) | Excellent Quality |

SKYLAB 4

MAGAZINE - CI 128

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

FROM CI 94

USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|--------------|----|
| 01 | 11:00 | 30 |
| 020 | 14:48.7 - 4D | 18 |
| 03 | 15 | 15 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

LOCK

CI-128

CI 128 - SKYLAB 4

JSC FILE # S74-027

| START FRAME | SUBJECT | COMMENTS |
|-------------|-----------------------|--|
| 00000 | M509-3C OPS (M509) | 2 FPS - M509 Dome Camera, Suited Run. Fair Quality Due to Lower Area Lights Out. |
| 10994 | M487-? (M487) | 6 FPS - Poor Quality |

SKYLAB 4

MAGAZINE - MT06

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

FROM CI93
USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|-------------------|----|
| 343 | START WITH | 74 |
| 348 | ETC PREP/FINALITY | 63 |
| 349 | M509 (151) | 52 |
| 349 | M569 - OPS | 15 |
| 360 | M487-4A | 00 |
| | | |
| | | |
| | | |

LOCK

- MTC6

MT 06 - SKYLAB 4

JSC FILE # S74-029

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------------|--|
| 00000 | ETC Prep (M151) | 6 FPS - Good Quality, DAC Turned Off after ETC Installation |
| 01349 | M509 Prep (M151) | 6 FPS - Low Light Level, Good Focus, Usable |
| 02908 | M509 Prep (M151) | 2 FPS - Low Light Level, Good Focus, Usable, SPT Using Exerciser in Background |
| 03534 | M509-1C OPS (M509) | 2 FPS - Fair to Good Quality, Depending on Test Pilot's Location |
| 10048 | M487-4A (M487) | 6 FPS - Excellent Quality, Food Prep and Eating, All 3 Crewmen in View |

SKYLAB 4

MAGAZINE - MT07

16MM - 50-168 - 400'

FILM/EXPERIMENT LOCATOR

~~SECRET~~

FROM CI 71.

USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|----------|----|
| 354 | M509 OPS | 00 |
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PERCENT

LOCK

MT07

MT 07 - SKYLAB 4

JSC FILE # S74-023

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------|---|
| 00000 | M509 OPS (M509) | 2 FPS - Good Quality, F10 DAC Location |

SKYLAB 4

MAGAZINE - MT08

16MM - SO-168 - 400'

FILM/EXPERIMENT LOCATOR

Fe 11-18

| FROM <u>CI 80</u> | | |
|--------------------|----------|----|
| USE BALL POINT PEN | | |
| DAY | ACTIVITY | % |
| 015 | 5192 | 76 |
| 017 | M509 | 00 |
| | | |
| | | |
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| | | |

LOCK



MT08

MT 08 - SKYLAB 4

JSC FILE # S74-010

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------------|--|
| 00000 | S192 (M516) | 6 FPS - Poor Quality, Low Light Level, Visible Radiation Damage |
| 06975 | M509 3C-OPS (M509) | 2 FPS - Good Quality, M509 F10 Camera Location |

SKYLAB 4

MAGAZINE - MT09

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

FROM CI 77
USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|-----------------|----|
| 363 | MID1 (EV1 PREP) | 15 |
| 004 | MID1-3 CS/6 | 52 |
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| | | |

LOCK

MT09

MT 09 - SKYLAB 4

JSC FILE # S74-007

| START FRAME | SUBJECT | COMMENTS |
|-------------|---------------------------|--|
| 00000 | EVA Pre/Post (M151) | 2 FPS - 5MM Lens Instead of 10MM Required, Fair Quality |
| 07154 | M487-3 (M487) | 2 FPS - Poor Quality Due to Low Light Level |

SKYLAB 4

MAGAZINE - CX15

16MM - SO-368 - 400'

FILM/EXPERIMENT LOCATOR

FROM _____
USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|------------|---|
| | UNDocking | |
| | FLY AROUND | |
| | REENTRY | |
| | | |
| | | |
| | | |
| | | |

CX15

Cx 15 - SKYLAB 4

JSC FILE # S74-003

| START FRAME | SUBJECT | COMMENTS |
|-------------|--|---------------------------|
| 00000 | Undocking, Fly Around, Reentry (Operational) | Poor Quality, Film Damage |

SKYLAB 4

MAGAZINE - CX48

16MM - SO-368 - 400'

FILM/EXPERIMENT LOCATOR[illegible]

Cx 48 - SKYLAB 4

JSC FILE # S74-015

| START FRAME | SUBJECT | COMMENTS |
|-------------|----------------------------|---|
| 00000 | EVA Documentary (DP) | 12 FPS - Skylab Photos from ATM Sun End, Outstanding Quality |

SKYLAB 4

MAGAZINE - IR 06

16MM - S0168 - 400'

FILM/EXPERIMENT LOCATOR

3443

FROM IR 06

USE BALL POINT PEN

| DAY | ACTIVITY | % |
|-----|--------------------|----|
| 035 | 11419 | 48 |
| 037 | 2214 → 2231 GMT | 0 |
| | Burning - Africa → | |
| | E. by Caspian | |
| | Sea | |
| | | |
| | | |
| | | |
| | | |

IR-06

LOCK

IR 06 - SKYLAB 4

JSC FILE # S74-040

| START FRAME | SUBJECT | COMMENTS |
|-------------|--------------------------------|--|
| 00000 | Experiment M479 Test 1----6 | Entire Roll; Excellent Footage 24 FPS |

SKYLAB 4

MAGAZINES:

CL 09, CL 10,
CL 11, CL 12, CI 90

16MM Color

S191--EXPERIMENT

SKYLAB 4 S191 EXPERIMENT

MAGAZINE #: JSC FILE #:

MAGAZINE #: JSC FILE #:

CL 09 S74-016

CL 12 S74-019

CL 10 S74-017

CI 90 S74-020

CL 11 S74-018

| START FRAME | SUBJECT | COMMENTS |
|------------------|-----------|--------------|
| CL 09 = 130 feet | EREP--VTS | Good Quality |
| CL 10 = 139 feet | EREP--VTS | Good Quality |
| CL 11 = 133 feet | EREP--VTS | Good Quality |
| CL 12 = 131 feet | EREP--VTS | Good Quality |
| CI 90 = 40 feet | EREP--VTS | Good Quality |

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①

SECTION VI

35mm Motion Picture Scene Listing

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①

MAGAZINE NO. CI-110

SCENE LISTING .

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|------------------------|---|
| SL4-144-4727 and 4728 | Blank |
| SL4-144-4729 | ED-76 Experiment compartment ceiling |
| SL4-144-4730 | ED-76 and ED-74 by film vault F510 |
| SL4-144-4731 | ED-76 in forward area. |
| SL4-144-4732 | ED-76 by water tank No. 9 |
| SL4-144-4733 | Blank |
| SL4-144-4734 | View of ATM Solar Array through STS window |
| SL4-144-4735 thru 4739 | Views of magnetospheric particle composition experiment S230 |
| SL4-144-4740 | Neutron environment science demo TV-108 in film vault drawer 5. |
| SL4-144-4741 | View of TV-108 on water tank 9 (dark) |
| SL4-144-4742 | View of TV-108 on OWS dome by light No. 8 (dark) |
| SL4-144-4743 | View of TV-108 in sleep compartment |
| SL4-144-4744 | View of ATM Solar Array |
| SL4-144-4745 thru 4747 | Dark |
| SL4-144-4748 and 4749 | Dark view of crewman |
| SL4-144-4750 thru 4778 | Views of the charged particle mobility Science demonstration (TV-117) |
| SL4-144-4779 thru 4781 | Views of triangle shoes |
| SL4-144-4782 | View of damaged triangle shoe |
| SL4-144-4783 | Facial view of CDR |
| SL4-144-4784 | Front view of PLT |
| SL4-144-4785 | View of "Ghosts of Missions Past" |
| SL4-144-4786 | View of M509 (dark) |
| SL4-144-4787 | View of Crewman in M509 (dark) |

MAGAZINE NO. CI-111

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|------------------------|--|
| SL4-145-4788 | Right body view of SPT |
| SL4-145-4789 | Front body view of SPT |
| SL4-145-4790 | Right body view of PLT |
| SL4-145-4791 | Front body view of PLT |
| SL4-145-4792 | Front body view of SPT |
| SL4-145-4793 | Back body view of SPT |
| SL4-145-4794 | Front body view of CDR |
| SL4-145-4795 | Back body view of CDR |
| SL4-145-4796 | Front body view of PLT |
| SL4-145-4797 | Back body view of PLT |
| SL4-145-4798 | Right body view of CDR (DARK) |
| SL4-145-4799 | Front body view of CDR (DARK) |
| SL4-145-4800 | Blank |
| SL4-145-4801 and 4802 | Views of TV-120 Gypsy moth eggs |
| SL4-145-4803 thru 4805 | Crewman in M-509 |
| SL4-145-4806 | View showing high intensity light (DARK) |
| SL4-145-4807 thru 4810 | Crewman flying around in M-509 |
| SL4-145-4811 and 4812 | Crewman using M-509 hand controller |
| SL4-145-4813 thru 4816 | Views of magnetospheric particle composition experiment S-230 |
| SL4-145-4817 | View through wardroom window |
| SL4-145-4818 thru 4830 | Views of Immiscible liquids TV-102 |
| SL4-145-4831 thru 4845 | Views of bacteria and spores ED-31 |
| SL4-145-4846 and 4847 | Views of Immiscible liquids TV-102 |
| SL4-145-4848 thru 4853 | Views of bacteria and spores ED-31 |

MAGAZINE NO. CI 112

SCENE LISTING

| SCENE NUMBER | SUBJECT DESCRIPTION |
|----------------------------|--|
| SL4-146-4854 | Half view of ED-31 petri dish |
| SL4-146-4855 thru 4893 | Views of Bacteria and spores ED-31 |
| SL4-146-4894 thru 4896 | Views of Rochell salt growth science demo (TV-105) |
| SL4-146-4897 | Dark |
| SL4-146-4898 thru 4899 | Views of comet and star S063K |
| SL4-146-4900 thru 4914 | Views of Bacteria and spores ED-31 |
| SL4-146-4915 thru 4918 | Views of plant growth/plant phototropism ED 61/62 |
| MAGAZINE NO. <u>CI 113</u> | |
| SL4-147-4919 thru 4922 | Views of Plant growth/plant phototropism ED 61/62 |
| SL4-147-4923 | View of comet and star S063K |
| SL4-147-4924 thru 4927 | Views of plant growth/plant phototropism ED 61/62 |
| SL4-147-4928 | Blank |
| SL4-147-4929 thru 4936 | Views of plant growth/plant phototropism ED 61/62 |
| SL4-147-4937 | Blank |
| SL4-147-4938 | View of comet and star S063K |
| SL4-147-4939 thru 4946 | Views of Plant growth/plant phototropism ED 61/62 |
| SL4-147-4947 | Front body view of PLT (Dark) |
| SL4-147-4948 | Right body view of PLT |
| SL4-147-4949 | Front body view of SPT |
| SL4-147-4950 | Right body view of SPT |
| SL4-147-4951 | Front body view of CDR |
| SL4-147-4952 | Right body view of CDR |
| SL4-147-4953 thru 4978 | Views of plant growth/plant phototropism ED 61/62 |

MAGAZINE NO. CI 114

SCENE LISTING

| SCENE NUMBER | SUBJECT DESCRIPTION |
|------------------------|--|
| SL4-149-5021 | View of shoulder patch |
| SL4-149-5022 | Blank |
| SL4-149-5023 thru 5028 | Views of six S190A camera stations |
| SL4-149-5029 thru 5033 | Close up of five S190A lens |
| SL4-149-5034 | View corner of vault |
| SL4-149-5035 | View of stowage locker |
| SL4-149-5036 | View of taped triangle shoe |
| SL4-149-5037 | S054 Shuttle override actuator |
| SL4-149-5038 | View of ATM Solar Array from STS window |
| SL4-149-5039 | View of triangle grate |
| SL4-149-5040 | View of urine bag box and area |
| SL4-149-5041 | View of experiment area showing LBNPD (M092) and ergometer (M093) |
| SL4-149-5042 | View of waste management area showing fecal collector |
| SL4-149-5043 | View of wardroom area showing food table with trash air lock in foreground |
| SL4-149-5044 | View taken from OWS dome looking down toward trash air lock |
| SL4-149-5045 | Internal view of MDA and equipment looking toward CSM |
| SL4-149-5046 | Stowage bags tied to ATM foot restraint |
| SL4-149-5047 | View of 6-pack rate gyros |
| SL4-149-5048 | View of SPT donning EVA suit |
| SL4-149-5049 | Crewmen donning EVA Suits |
| SL4-149-5050 and 5051 | Views of PLT donning EVA suit |
| SL4-149-5052 | Closeout of panel 611 |
| SL4-149-5053 | Closeout of panels 613 and 614 |
| SL4-149-5054 and 5055 | Closeout of panels 616 and 617 |
| SL4-149-5056 | Full closeout view of STS Panels 200, 201 and 202 |
| SL4-149-5057 | Full closeout view of STS panels 204,205,206 & 207 |
| SL4-149-5058 | Close-out of 6-pack rate gyros |
| SL4-149-5059 | Internal view of MDA showing portable blower pointing to rate gyros (6-pack) |

MAGAZINE NO. CI-116

SCENE LISTING

| SCENE NUMBER | SUBJECT DESCRIPTION |
|------------------------|--|
| SL4-148-4979 thru 4981 | Three dark frames with a light in two. |
| SL4-148-4982 | Right body view of SPT |
| SL4-148-4983 | Front body view of SPT |
| SL4-148-4984 thru 4988 | Views of the wiring required to repair S183 |
| SL4-148-4989 | Front body view of PLT |
| SL4-148-4990 | Right body view of PLT |
| SL4-148-4991 | Front body view of CDR |
| SL4-148-4992 | Right body view of CDR |
| SL4-148-4993 and 4994 | Views of crewman with blood pressure arm band and sensors |
| SL4-148-4995 | Front body view of SPT |
| SL4-148-4996 | Back body view of SPT |
| SL4-148-4997 thru 4998 | Front body view of PLT |
| SL4-148-4999 | Back body view of PLT |
| SL4-148-5000 | Front body view of CDR |
| SL4-148-5001 | Back body view of CDR |
| SL4-148-5002 | View of SPT and PLT each with camera |
| SL4-148-5003 | Foam from fire extinguisher in bag |
| SL4-148-5004 thru 5007 | Views of plant growth/plant phototropism experiment ED 61/62 |
| SL4-148-5008 thru 5011 | Views of magnetospheric particle composition experiment S230 |
| SL4-148-5012 | View of nuclear emulsion experiment S009 |
| SL4-148-5013 | Full view of ED 61/62 |
| SL4-148-5014 and 5015 | Views of zero-G Flammability M479 |
| SL4-148-5016 | View of crewman leg measurement |
| SL4-148-5017 | View of crewman arm measurement |
| SL4-148-5018 thru 5020 | View crystal growth |

MAGAZINE NO. CI 117

SCENE LISTING

SCENE NUMBER

SUBJECT DESCRIPTION

| | |
|------------------------|---|
| SL4-150-5061 and 5062 | Over all view of forward experiment area looking from OWS dome down to trash air lock |
| SL4-150-5063 | Crewmen at trash air lock and waste management area |
| SL4-150-5064 | SPT in wardroom |
| SL4-150-5065 | Crewmen at trash air lock |
| SL4-150-5066 | Blank |
| SL4-150-5067 | Crewmen at trash air lock |
| SL4-150-5068 | Crewmen at dome tunnel |
| SL4-150-5069 and 5070 | Crewmen at trash air lock with disposal trash bag |
| SL4-150-5071 | ATM C&D panel |
| SL4-150-5072 and 5073 | View of MDA tunnel taken from CSM |
| SL4-150-5074 and 5075 | Crewman floating in forward dome area |
| SL4-150-5076 thru 5080 | Crewman in forward experiment area demonstrating zero-G affects on weights |
| SL4-150-5081 thru 5084 | Crewman at ATM C&D panel |
| SL4-150-5085 & 5086 | CDR and PLT at EREP C&D panel and S190A |
| SL4-150-5087 & 5088 | Crewman at M479 |
| SL4-150-5089 | Crewman getting teleprinter paper |
| SL4-150-5080 & 5091 | Crewman at M512 |
| SL4-150-5092 | Crewman at ATM C&D panel |
| SL4-150-5093 | Crewman at STS panel 225 |
| SL4-150-5094 | Crewman at STS switching panels |
| SL4-150-5095 | Crewman at suit drying station |
| SL4-150-5096 | Crewman in M172 mass measurement device |
| SL4-150-5097 | One crewman using exercises and another crewman in OWS dome area |
| SL4-150-5098 and 5099 | Crewman in LBNPD (M092) headfirst M131 chair and electrical panels in background |
| SL4-150-5100 | Crewman at ergometer with experiment support system in background |
| SL4-150-5101 | Earth scene-clouds |
| SL4-150-5102 | Crewman in wardroom |
| SL4-150-5103 | Crewman in sleep compartment |
| SL4-150-5104 & 5105 | Crewman sitting on M131 chair with control panel, S228 and electeical panel in background |

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SECTION VII

Scene Listing of Skylab Hardware

① The following is a list of frames from the 70 MM roll of each scenes that show Skylab hardware.

MAGAZINE NO. CX-45

SL-143-4648 thru 4720

Views of undocking and fly around.

MAGAZINE NO. CX-47

SL4-136-3396, 3397, 3516, & 3517

Views of earth with discone antenna in foreground.

MAGAZINE NO. CX-17

SL4-137-3579, 3592, 3636, 3688,
3707 thru 3711, & 3715

Views of earth with discone antenna in foreground.

SL-4-137-3716 thru 3719

Views of earth with discone antenna in foreground.

(1)

(2)

MAGAZINE NO. BV48

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|------------------------|------------------------------------|
| SL4-166-5575 thru 5596 | Experiment 3073 photography |
| <u>MAG. NO. BV49</u> | |
| SL4-167-5597 thru 5603 | Experiment S073 photography |
| SL4-167-5604 thru 5614 | Blank |
| SL4-167-5615 thru 5620 | Experiment S073 photography |
| SL4-167-5621 thru 5642 | Experiment S063 photography |
| <u>MAG. NO. BV42</u> | |
| SL4-168-5643 thru 5644 | Blank |
| SL4-168-5645 thru 5652 | Experiment S073 photography (dark) |
| SL4-168-5653 thru 5688 | To dark to determine |
| <u>MAG. NO. BV41</u> | |
| SL4-169-5689 and 5690 | Dark - Rest of magazine blank |
| <u>MAG. NO. BV47</u> | |
| SL4-170-5691 thru 5718 | Experiment S232 photography |
| <u>MAG. NO. BV27</u> | |
| SL4-171-5719 thru 5726 | Experiment S063 photography |
| SL4-171-5727 thru 5734 | Blank |
| SL4-171-5735 and 5736 | Experiment S063 photography |
| SL4-171-5737 thru 5744 | Blank |
| SL4-171-5745 thru 5748 | Experiment S063 photography |
| SL4-171-5749 thru 5760 | Blank |
| <u>MAG. NO. BV28</u> | |
| SL4-172-5761 thru 5792 | Experiment S063 photography |
| <u>MAG. NO. BV50</u> | |
| SL4-173-5793 thru 5831 | Experiment S063 photography |

MAGAZINE NO. BE05

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|------------------------|------------------------------------|
| SL4-174-5832 thru 5873 | Experiment T025 photography |
| <u>MAG. NO. BE03</u> | |
| SL4-175-5874 thru 5879 | Experiment T025 photography |
| SL4-175-5880 thru 5892 | Blank |
| <u>MAG. NO. BE04</u> | |
| SL4-176-5893 thru 5934 | Experiment T025 photography |
| <u>MAG. NO. BE08</u> | |
| SL4-177-5935 thru 5939 | Blank |
| SL4-177-5940 thru 5942 | Experiment S063 photograph (Dark) |
| SL4-177-5943 thru 5946 | Blank |
| SL4-177-5947 thru 5952 | Experiment S063 photograph (Dark) |
| SL4-177-5953 thru 5956 | Blank |
| SL4-177-5957 | Experiment S063 photography (Dark) |
| SL4-177-5958 thru 5961 | Blank |
| SL4-177-5962 thru 5979 | Experiment S063 photography (Dark) |
| <u>MAG. NO. BE09</u> | |
| SL4-178-5980 thru 5988 | Experiment S063 photography (Dark) |
| SL4-178-5989 thru 5994 | Blank |
| SL4-178-5995 thru 5997 | Experiment S063 photography (Dark) |
| SL4-178-5998 thru 6004 | Blank |
| SL4-178-6005 and 6006 | Experiment S063 |
| SL4-178-6007 thru 6016 | Blank |
| SL4-178-6017 thru 6025 | Experiment S063 photography (Dark) |

MAGAZINE NO. BE10

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|--|---|
| SL4-179-6026 thru 6065 SL4-179-6066 thru 6068 <u>MAG. NO. BE11</u> SL4-180-6069 thru 6079 SL4-180-6080 thru 6085 <u>MAG. NO. BE16</u> SL4-181-6086 thru 6125 | Experiment S063 photography through the STS window Blank Experiment S063 photography (Dark) Blank Experiment T025 photography |

MAGAZINE NO. BV22

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|--|---|
| SL4-160-5367 thru 5409 <u>MAG. NO. BV26</u> | Experiment S063 photography |
| SL4-161-5410 | View of internal grid |
| SL4-161-5411 thru 5416 | Experiment SC63 photography |
| SL4-161-5417 thru 5453 <u>MAG. NO. BV29</u> | |
| SL4-162-5454 thru 5458 | Blank |
| SL4-162-5459 thru 5481 | Experiment S073 photography |
| SL4-162-5482 thru 5486 <u>MAG. NO. BV40</u> | Experiment S063 photography |
| SL4-163-5487 thru 5490 | Experiment S063 photography |
| SL4-163-5491 thru 5497 | Blank |
| SL4-163-5498 and 5499 | Out of focus |
| SL4-163-5500 thru 5512 <u>MAG. NO. BV43</u> | Blank |
| SL4-164-5513 and 5514 | Experiment S063 photography |
| SL4-164-5515 thru 5524 | Experiment S073 photography |
| SL4-164-5525 thru 5531 <u>MAG. NO. BV44</u> | Experiment S063 photography |
| SL4-165-5532 and 5533 | Blank |
| SL4-165-5534 thru 5545 | Experiment S073 photography |
| SL4-165-5546 thru 5574 | Experiment S063 photography (very dark) |

The following is a list of frames from the 70 mm roll of scenes that show Skylab hardware.

Magazine No. CX-50

| | |
|-----------------------|--|
| SL4-140-4155 and 4156 | Views of earth with discone antenna in foreground |
| SL4-140-4167 and 4168 | Views of earth with ATM structure and solar panels |
| SL4-140-4173 and 4214 | Views of earth with discone antenna in foreground |

Magazine No. CX-46

| | |
|--------------------------------------|---|
| SL4-141-4267,4268,4276,4346 and 4356 | Views of earth with discone antenna in foreground |
|--------------------------------------|---|

Magazine No. CX-18

| | |
|--------------------------------------|---|
| SL4-142-4471,4509,and 4530 thru 4532 | Views of earth with discone antenna in foreground |
|--------------------------------------|---|

MAGAZINE NO. CX-56

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|------------------------|---|
| SL4-185-6682 and 6683 | BLANK |
| SL4-185-6684 thru 6686 | Views of sun end camera cover |
| SL4-185-6687 | View of ATM solar array |
| SL4-185-6688 | View of ATM solar array with OWS solar array in background |
| SL4-185-6689 | View of OWS solar array |
| SL4-185-6690 | View of fixed airlock shroud (FAS) work station showing the solar radio noise burst monitor (SRNBM) antenna, S149, and D024 |
| SL4-185-6691 | Earth Scene |
| SL4-185-6692 | View of OWS solar array |
| SL4-185-6693 thru 6695 | View of FAS work station showing SPNBM antenna, and D024 |
| SL4-185-6696 | View of ATM power interface |
| SL4-185-6697 and 6698 | Views of FAS work station showing SRNBM antenna, and D024 (6698 also shows S149) |
| SL4-185-6699 thru 6701 | Views of OWS solar array and part of the sail cover (6671 also shows S149) |
| SL4-185-6702 | View showing SRNBM antenna, D024 and S149 |
| SL4-185-6703 thru 6705 | Views of OWS solar array and twin-pole sail cover |
| SL4-185-6706 and 6707 | Views of crewman in FAS work station |
| SL4-185-6708 and 6709 | Views of twin-pole sail |
| SL4-185-6710 thru 6712 | Views of sun end camera cover |
| SL4-185-6713 thru 6715 | Views of ATM solar array |
| SL4-185-6716 thru 6720 | Views of CSM docked at the MDA |
| SL4-185-6721 | To dark to identify |
| SL4-185-6722 | To blur to identify |
| SL4-185-6723 thru 6726 | Views of the FAS work station area showing D024 and SRNBM antenna |
| SL4-185-6727 | To dark to identify |

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|---------------------------|-------------------------------|
| <u>MAGAZINE NO. CX-55</u> | |
| SL4-190-6959 thru 6962 | Views of booster falling away |
| SL4-190-6963 thru 6990 | Views of Skylab rendezvous |
| SL4-190-6991 thru 6996 | Earth scenes |
| <u>MAGAZINE NO. CX-40</u> | |
| SL4-192-7068 thru 7084 | Earth scenes |
| SL4-192-7085 thru 7090 | Views of Air Glow (S063) |
| SL4-192-7091 thru 7132 | Earth scenes |
| <u>MAGAZINE NO. CX-36</u> | |
| SL4-195-7264 thru 7307 | Earth scenes |
| SL4-195-7308 | Front body view of SPT |
| SL4-195-7309 | Back body view of SPT |
| SL4-195-7310 | Front body view of CDR |
| SL4-195-7311 | Back body view of CDR |
| SL4-195-7312 | Front body view of PLT |
| SL4-195-7313 | Back body view of PLT |
| SL4-195-7314 | Earth scene |
| SL4-195-7315 thru 7319 | Views of air glow (S063) |
| SL4-195-7320 thru 7324 | Earth scenes |
| SL4-195-7325 thru 7328 | BLANK |
| SL4-195-7329 | Earth scene |

The following is a list of frames from external 35mm film that show Skylab hardware:

Magazine No. CX-19

SL4-197-7393 thru 7402

Body views of crewman -
blanked out all but
head and feet

Magazine No. CX-63

SL4-198-7498 and 7507

Earth scenes with discone
antenna in foreground

Magazine No. CX-61

SL4-199-7533 and 7535

Earth scenes with discone
antenna in foreground

Magazine No. CX-60

SL4-200-7636
SL4-200-7639 thru 7658

Close up of discone antenna
Views of S063 air glows

Magazine No. CX-58

SL4-202-7718, 7725
7728, 7729, 7731, 7734
and 7736

Earth scenes with discone
antenna in foreground

Magazine No. CX-54

SL4-204-7847 and 7848

Earth scenes with discone
antenna in foreground

Magazine No. CX-49

SL4-205-7890

Front body view of crewman
(dark)

SL4-205-7891

Back body view of crewman

SL4-205-7892

Blank

SL4-205-7893

Front body view of crewman
(dark)

SL4-205-7894

Back body view of crewman

SL4-205-7895

Front body view of crewman
(very dark)

SL4-205-7896

Front body view of crewman
(dark)

SL4-205-7897

Back body view of crewman
(dark)

Magazine No. CX-46
SL4-206-7962 thru 7966

2

Earth scenes with discone
antenna in foreground

MAGAZINE NO. IR-07
SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|-----------------------|---|
| SL4-151-5106 | Back body view of CDR |
| SL4-151-5107 | Side body view of CDR |
| SL4-151-5108 | Front body view of CDR |
| SL4-151-5109 | Side body view of CDR |
| SL4-151-5110 | Front body view of CDR |
| SL4-151-5111 | Front body view of SPT |
| SL4-151-5112 | Side body view of SPT |
| SL4-151-5113 | Back body view of SPT |
| SL4-151-5114 | Side body view of SPT |
| SL4-151-5115 | Front body view of SPT |
| SL4-151-5116 | Blank |
| SL4-151-5117 | Facial view of CDR |
| SL4-151-5118 | Side view of CDR taking blood pressure (M092) |
| SL4-151-5119 | Facial view of CDR |
| SL4-151-5120 | Side view of CDR taking blood pressure (M092) |
| SL4-151-5121 | Front body view of CDR |
| SL4-151-5122 | Side body view of CDR |
| SL4-151-5123 | Back body view of CDR |
| SL4-151-5124 | Side body view of CDR |
| SL4-151-5125 | Front body view of CDR |
| SL4-151-5126 | Front body view of SPT |
| SL4-151-5127 | Blank |
| SL4-151-5128 | Back body view of SPT |
| SL4-151-5129 and 5130 | Side body views of SPT |
| SL4-151-5131 | Front body view of SPT |
| SL4-151-5132 | Front body view of PLT |
| SL4-151-5133 | Side body view of PLT |
| SL4-151-5134 | Back body view of PLT |
| SL4-151-5135 | Side body view of PLT |
| SL4-151-5136 | Front body view of PLT |
| SL4-151-5137 | Facial view of PLT |
| SL4-151-5138 | Side view of PLT taking blood pressure (M092) |
| SL4-151-5139 | Facial view of PLT |
| SL4-151-5140 and 5141 | Side view of PLT taking blood pressure (M092) |

MAGAZINE NO. IR-07 (cont.)

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|---------------------------|---|
| SL4-151-5142 | Facial view of SPT |
| SL4-151-5143 | Side view of SPT taking blood pressure (M092) |
| SL4-151-5144 | Facial view of SPT |
| SL4-151-5145 | Side view of SPT taking blood pressure (M092) |
| SL4-151-5146 | Front body view of CDR |
| SL4-151-5147 | Side body view of CDR |
| SL4-151-5148 | Back body view of CDR |
| SL4-151-5149 | Side body view of CDR |
| SL4-151-5150 | Front body view of CDR |
| MAGAZINE NO. <u>IR-08</u> | |
| SL4-152-5151 | Facial view of SPT with M092 sensor in mouth |
| SL4-152-5152 | Right profile of SPT taking blood pressure (M092) |
| SL4-152-5153 | Facial view of SPT |
| SL4-152-5154 | Right profile of SPT (M092) |
| SL4-152-5155 | Facial view of PLT |
| SL4-152-5156 | Right profile of PLT (M092) |
| SL4-152-5157 | Blank |
| SL4-152-5158 and 5159 | Facial views of CDR |
| SL4-152-5160 | Right profile of CDR taking blood pressure (M092) |
| SL4-152-5161 | Facial view of CDR |
| SL4-152-5162 | Right profile of CDR taking blood pressure (M092) |
| SL4-152-5163 | Blank |
| SL4-152-5164 | Front body view of CDR |
| SL4-152-5165 | Blank |
| SL4-152-5166 | Front body view of CDR (faded out) |
| SL4-152-5167 thru 5173 | Blank |
| SL4-152-5174 thru 5180 | Views of earth scenes (light) |
| SL4-152-5181 and 5182 | To dark to identify |
| SL4-152-5183 thru 5188 | Views of earth scenes |
| SL4-152-5189 | Facial view of PLT |
| SL4-152-5190 | Right profile of PLT (M092) |
| SL4-152-5191 | Facial view of PLT |
| SL4-152-5192 | Right profile of PLT (M092) |
| SL4-152-5193 and 5194 | Views of earth scenes |
| SL4-152-5195 thru 5197 | Half blanked out |

MAGAZINE NO. IR-09

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|---------------------------|---|
| SL4-153-5198 | Facial view of PLT |
| SL4-153-5199 | Side view of PLT taking blood pressure (M092) |
| SL4-153-5200 | Facial view of PLT (M092) |
| SL4-153-5201 | Side view of PLT taking blood pressure (M092) |
| SL4-153-5202 | Facial view of SPL |
| SL4-153-5203 | Side view of SPL taking blood pressure (M092) |
| SL4-153-5204 | Facial view of CDR |
| SL4-153-5205 | Side view of CDR taking blood pressure (M092) |
| SL4-153-5206 | Facial view of CDR (M092) |
| SL4-153-5207 | Side view of CDR taking blood pressure (M092) |
| MAGAZINE NO. <u>IR-10</u> | |
| SL4-154-5208 thru 5210 | Views of earth scenes |
| SL4-154-5211 | Over the shoulder view of SPT taking blood pressure (M092) |
| SL4-154-5212 | Facial view of SPT with M092 sensor in mouth |
| SL4-154-5213 | Over the shoulder view of SPT taking blood pressure (M092) |
| SL4-154-5214 | Facial view of SPT with M092 sensor in mouth |
| SL4-154-5215 | Side view of PLT taking blood pressure (M092) |
| SL4-154-5216 | Facial view of PLT |
| SL4-154-5217 | Side view of PLT taking blood pressure (M092) |
| SL4-154-5218 | Facial view of PLT |
| SL4-154-5219 thru 5226 | Views of earth scenes (very light) |
| SL4-154-5227 | Back body view of CDR |
| SL4-154-5228 | Side body view of CDR |
| SL4-154-5229 | Front body view of CDR |
| SL4-154-5230 | Back body view of SPT |
| SL4-154-5231 | Side body view of SPT |
| SL4-154-5232 | Front body view of SPT |
| SL4-154-5234 | Side body view of PLT |
| SL4-154-5235 | Blank |
| SL4-154-5236 | Front body view of PLT with SPT in background |

MAGAZINE NO. IR-11

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|------------------------|---|
| SL4-155-5237 | Facial view of CDR |
| SL4-155-5238 | Side view of CDR taking blood pressure (M092) |
| SL4-155-5239 | Facial view of CDR |
| SL4-155-5240 | Side view of CDR taking blood pressure (M092) |
| SL4-155-5241 thru 5246 | Views of earth scenes |
| SL4-155-5247 and 5248 | Blank |
| SL4-155-5249 | Front body view of PLT |
| SL4-155-5250 | Side body view of PLT |
| SL4-155-5251 | Back body view of PLT |
| SL4-155-5252 | Front body view of CDR |
| SL4-155-5253 | Side body view of CDR |
| SL4-155-5254 | Back body view of CDR |
| SL4-155-5255 thru 5273 | Views of earth scenes |
| SL4-155-5274 | Blank |
| SL4-155-5275 | Front body view of SPT |
| SL4-155-5276 | Side body view of SPT |
| SL4-155-5277 | To dark to identify |
| SL4-155-5278 | Back body view of SPT |

MAGAZINE NO. IR-12

| | |
|------------------------|-----------------------|
| SL4-156-5279 thru 5300 | Views of earth scenes |
|------------------------|-----------------------|

MAGAZINE NO. IR-13

| | |
|------------------------|---|
| SL4-157-5301 thru 5328 | Views of earth scenes |
| SL4-157-5329 | Facial view of SPT |
| SL4-157-5330 | Side view of SPT taking blood pressure (M092) |
| SL4-157-5331 | Facial view of SPT |
| SL4-157-5332 | Side view of SPT taking blood pressure (M092) |
| SL4-157-5333 | Facial view of SPT |
| SL4-157-5334 | Side view of SPT taking blood pressure (M092) |
| SL4-157-5335 | Facial view of PLT |
| SL4-157-5336 | Side view of PLT taking blood pressure (M092) |
| SL4-157-5337 | Facial view of PLT |
| SL4-157-5338 | Side view of PLT taking blood pressure (M092) |
| SL4-157-5339 and 5340 | Views of earth scenes |
| SL4-157-5341 | Facial view of CDR |

MAGAZINE NO. IR-14

SCENE LISTING

| SCENE NUMBERS | SUBJECT DESCRIPTION |
|------------------------|----------------------------|
| SL4-159-5342 | Front body view of SPT |
| SL4-159-5343 | Side body view of SPT |
| SL4-159-5344 | Back body view of SPT |
| SL4-159-5345 | Front body view of PLT |
| SL4-159-5346 | Side body view of PLT |
| SL4-159-5347 | Back body view of PLT |
| SL4-159-5348 | Front body view of CDR |
| SL4-159-5349 | Side body view of CDR |
| SL4-159-5350 | Back body view of CDR |
| SL4-159-5351 thru 5366 | Scenes to dark to identify |

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