

**Table D V1103 Performance
(from STS-11, 41C)**

V1103 PERFORMANCE

EV-1
(1043-8)

EV-2
(1044-9)

B/U
(1045-7)

Humidity
Pressure

77.4°F
17.6%
14.25 psia

77.4°F
17.6%
14.25 psia

76.6°F
17.6%
14.25 psia

Fan ON
IV Mode
Fan OFF

03:11 GMT
03:11 GMT
03:22 GMT

03:34 GMT
03:34 GMT
03:53 GMT

00:24 GMT
00:24 GMT
00:36 GMT

SCU Power

Battery Volts
Battery Amps
Fan RPM
SOP Press
CO₂ Conc.
H₂O Temp @ Full Cold
Suit Pressure
Bottle Pressure
Airlock Pressure
H₂O Gas Pressure
H₂O Water Pressure

20.6V
0 A
20.0K
6280 psi
0.5 mmHg
70°F
0.7 psi
552 psi
14.3 psi
15.1 psi
14.8 psi

20.5V
0 A
19.6K
6290 psi
0.3 mmHg
72°F
0.7 psi
862 psi
14.3 psi
14.5 psi
14.6 psi

20.6V
0 A
19.5K
6230 psi
0.5 mmHg
69°F
0.8 psi
815 psi
14.3 psi
14.7 psi
14.6 psi

Battery Power

Time EVA
e Left
Left
Power Left
Battery Volts
Battery Amps
Fan RPM
SOP Pressure
CO₂ Conc.
H₂O Temperature
Suit Pressure
Bottle Pressure
Airlock Pressure
H₂O Gas Pressure
H₂O Water Pressure

0
5:24 hrs
67%
100%
17.5V
2.8A
19.8K
6290 psi
0.5 mmHg
60°F
0.7 psi
616 psi
14.3 psi
15.1 psi
14.8 psi

0
7 hrs
106%
100%
18.6V
2.7A
19.7K
6290 psi
0.3 mmHg
62°F
0.7 psi
898 psi
14.2 psi
14.6 psi
14.7 psi

0
7 hrs
103%
100%
18.9V
2.5A
19.5K
6230 psi
0.4 mmHg
58°F
0.8 psi
879 psi
14.3 psi
14.7 psi
14.6 psi

Vent Mode

Display RPM
SCU Volts
SCU Amps

19.0K
18.4V
4.2A

19.5K
18.4V
4.1A

19.0K
18.43V
4.23A

V1103 PERFORMANCE

<u>No Vent Mode</u>	<u>EV-1</u> <u>(1043-8)</u>	<u>EV-2</u> <u>(1044-9)</u>	<u>B/U</u> <u>(1045-7)</u>
Display RPM	20.0K	19.7K	19.5K
SCU Volts	18.4V	18.5V	18.43V
SCU Amps	2.2A	2.7A	2.46A
Regulator Check (DCM)	4.2 psi	4.3 psi	4.3 psi
SOP Check (DCM)	6290 psi	6290 psi	6240 psi
SOP Gage	6200 psi	6200 psi	6200 psi
Suit Pressure	3.5 psi	3.6 psi	3.7 psi
Bottle Top Off	912 psi	925 psi	929 psi