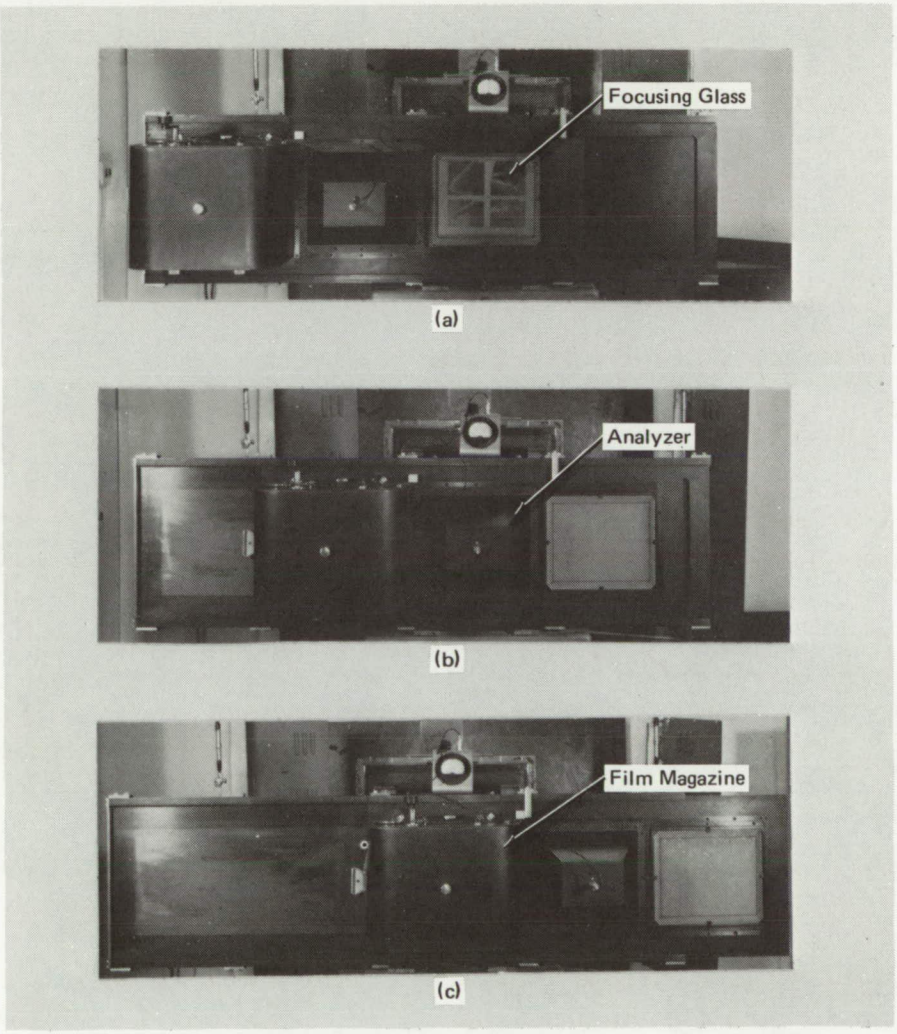
NASA TECH BRIEF

Langley Research Center

Viewgraph Preparation Made Easier

The increase in requests for the preparation of viewgraphs, both color and black and white, at the Langley Research Center led to the development of the apparatus shown in the illustration, which has greatly reduced both material costs and expended time. In this system rolls of color-reversal film are used in lieu of cut film, which permits the exposure of over 200 viewgraphs on one film loading. Time is also saved in film development as the roll film lends itself more readily to automatic processing.



Viewgraph Preparation Apparatus

(continued overleaf)

The apparatus, consisting of a frame with a sliding inner section, is used with a Princeton 11-by-14 copy camera. The frame is clamped to the rear of the camera, and the sliding section is positioned as required. Normally the subject is first brought into focus, the inner section is moved to place the analyzer in position to determine the lens setting, and then the inner section is moved again to place the film in the proper position for exposing. After each exposure, the film is rolled to place unexposed film in position for the next exposure. This process continues as long as the various subjects being photographed are similar. A change in the subject type could require that the camera be refocused and a new lens opening determined. This can easily and quickly be accomplished.

View (a) of the illustration shows the equipment position during focusing. View (b) shows the position when the analyzer is measuring light intensity and determining the lens-opening setting. View (c) shows the film magazine in position to be exposed to the subject.

Note:

Requests for further information may be directed to:

Technology Utilization Officer
Langley Research Center
Mail Stop 139-A
Hampton, Virginia 23665
Reference: B74-10094

Patent status:

NASA has decided not to apply for a patent.

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