

GEC AVIONICS

HEAD UP DISPLAY

FOR

MCDONNELL DOUGLAS

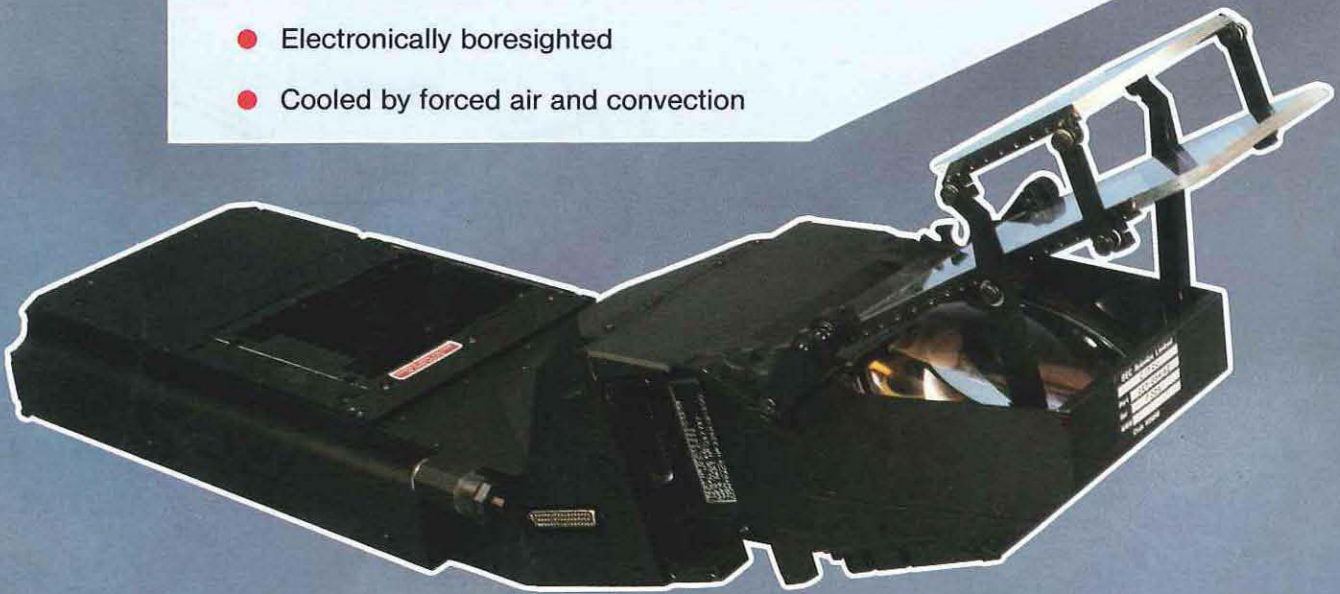
C-17



www.rochesteravionicarchives.co.uk

LEADING PARTICULARS

- Coaming mounted for Captain and Co-pilot
- Fold down combiners for cross cockpit visibility
- Single LRU with in built display processor
- Dimensions: 35" long x 10" wide x 13.5" max depth at combiner
- Weight: 54lbs
- Low power consumption: 100W a.c. single phase 115V 400Hz
- Wide field of view:
 - Total 30° Azimuth x 24° Elevation
 - Instantaneous 25° Azimuth x 22° Vertical
- 80% transmission through combiners
- Graded coatings on combiners to eliminate banding
- Mature MTBF 7000 hours
- Incorporates high integrity twin 1750A processors and 1553B interface
- Expandable by simple module substitution to provide raster video from EO sensors with flight symbology overwritten in stroke
- Designed to achieve 10^{-9} critical failures/hour
- Electronically boresighted
- Cooled by forced air and convection



GEC AVIONICS

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1983
MARITIME AIRCRAFT
SYSTEMS DIVISION



1983



1985
AIRBORNE
DISPLAY DIVISION