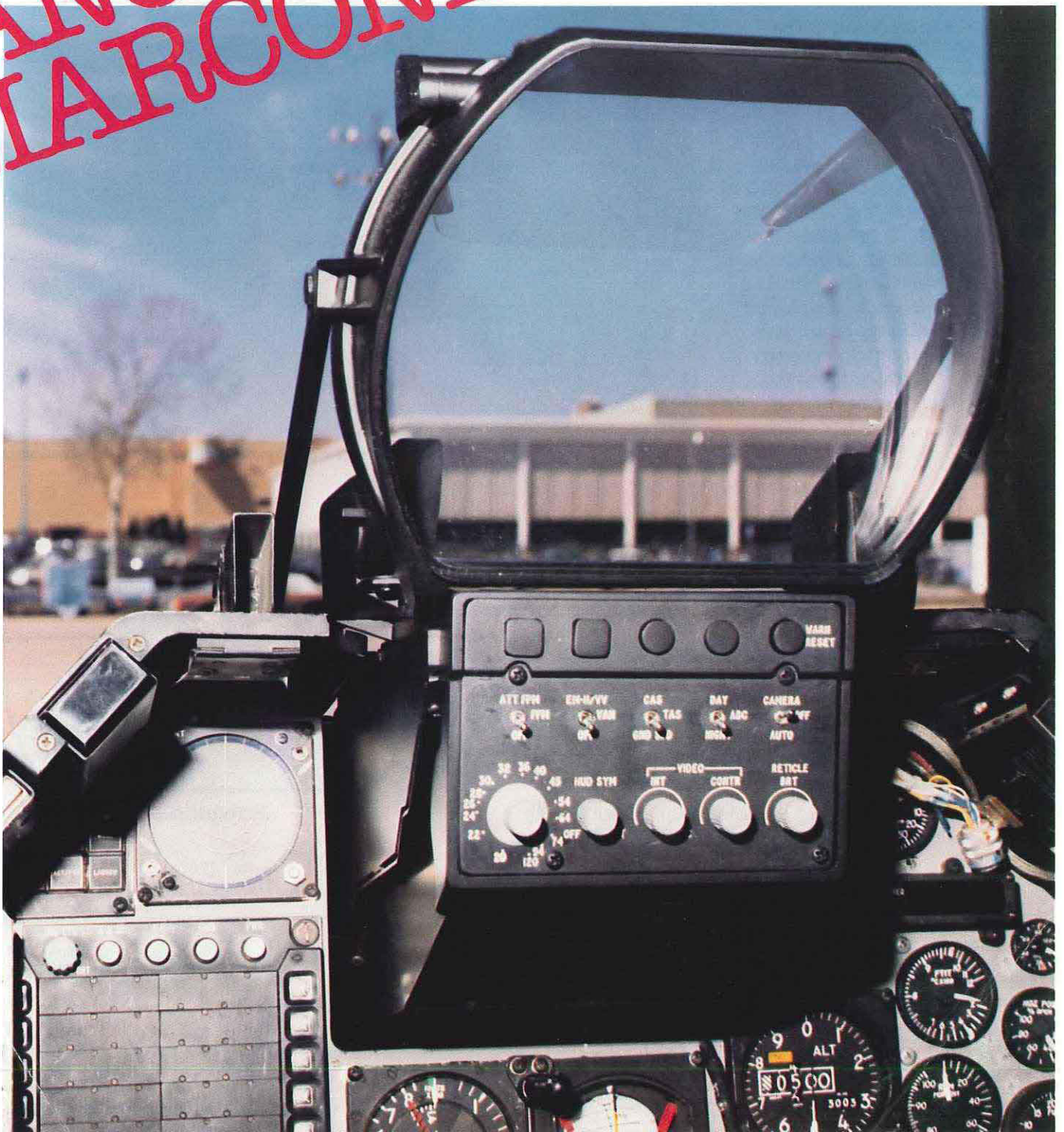


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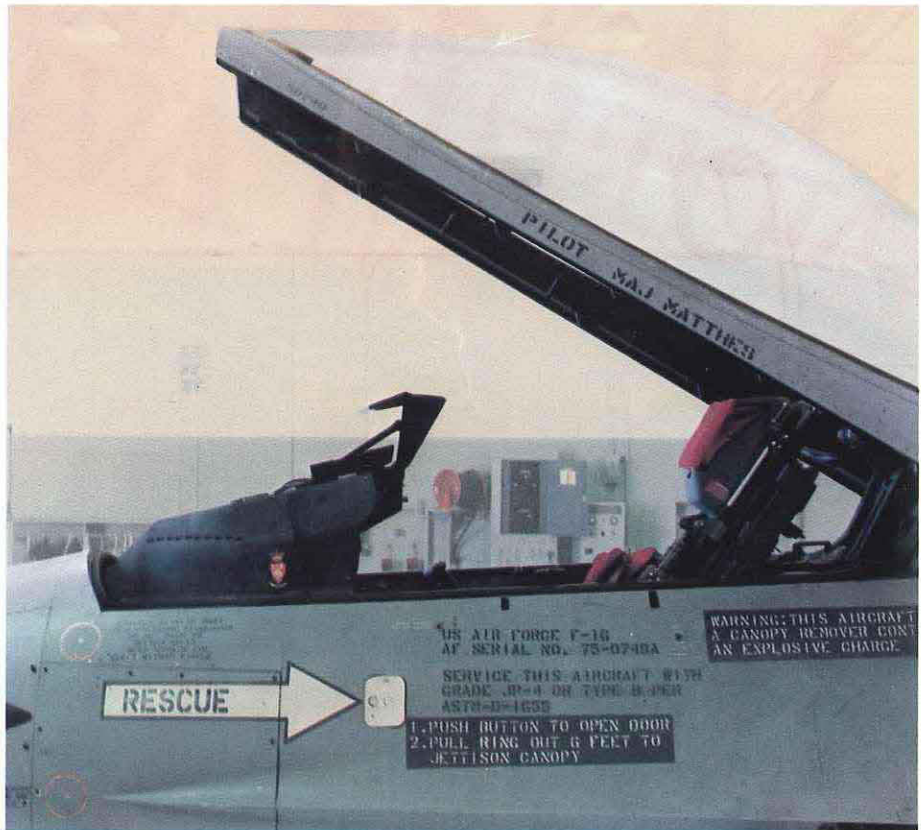
LANTIRN

Wide Angle Holographic HUD

Another First for Marconi Avionics....

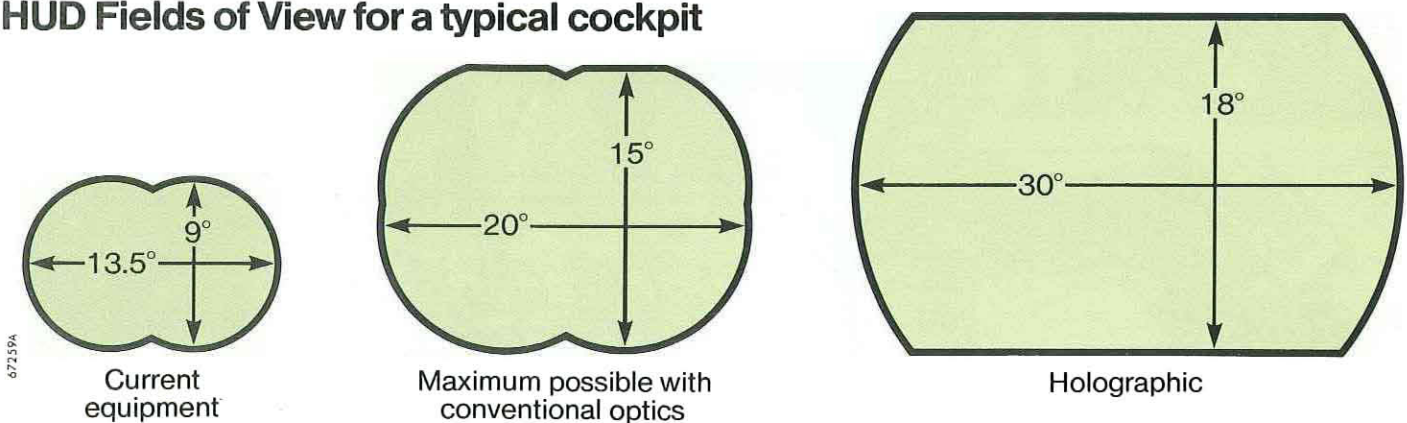
In July 1980 Marconi Avionics' Airborne Display Division was awarded a contract for the USAF's Low Altitude Navigation, Targeting Infra-Red for Night (LANTIRN) HUD, the world's first production head up display to employ holographic techniques. This HUD, to be installed on F-16 and A-10 aircraft will give these aircraft full night-time tactical capability.

The Marconi Lantirn HUD is the culmination of years of research and experience in both the optical and electronic fields. It combines the wide angle capability of the diffractive (holographic) optical system and a Marconi developed method of combining raster and cursive scan information in one display that greatly reduces the hardware requirements of day/night HUD system.



The Lantirn head up display installed in an F-16 aircraft

HUD Fields of View for a typical cockpit



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