

DUAL MODE HEAD UP DISPLAY SYSTEMS



**FERRANTI
INTERNATIONAL**
Display Systems Division

RETROFIT PILOTS DISPLAY UNIT

Ferranti International Head Up Display Systems - the most successful retrofit head up display of the 1980's.

The compact high performance pilots display unit is now in operational service and acclaimed for its clarity and brightness.

Easily adapted to most cockpits, the display utilises

a high brightness phosphor to allow operations in the most adverse conditions.

Designed from the start as dual mode, the pilots display unit has fully proven itself in night operations during some of the most demanding night trials yet flown (Royal Aerospace Establishment Nightbird Harrier, Buccaneer, and Jaguar)



McDonnell Douglas A4



Northrop F-5A



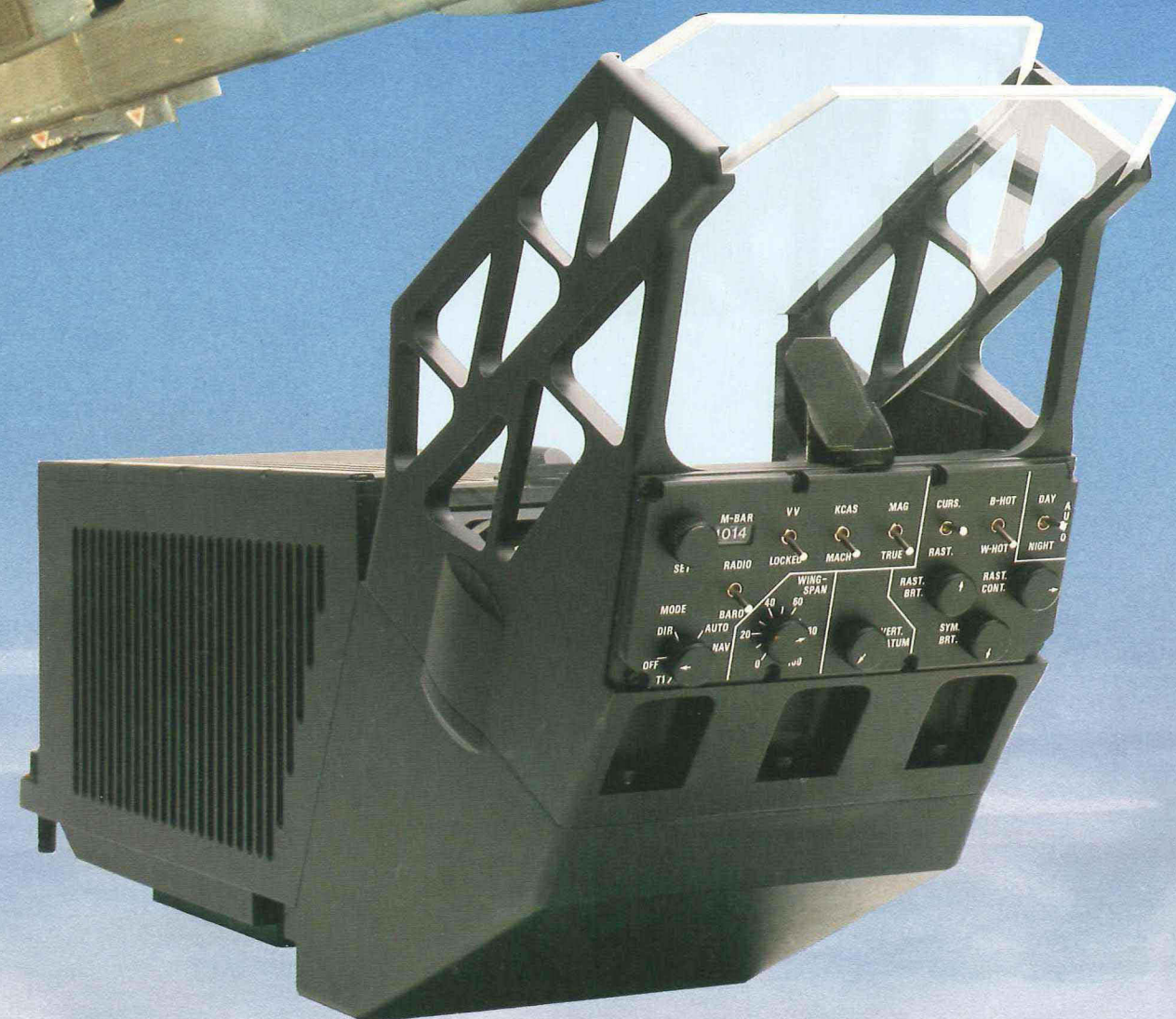
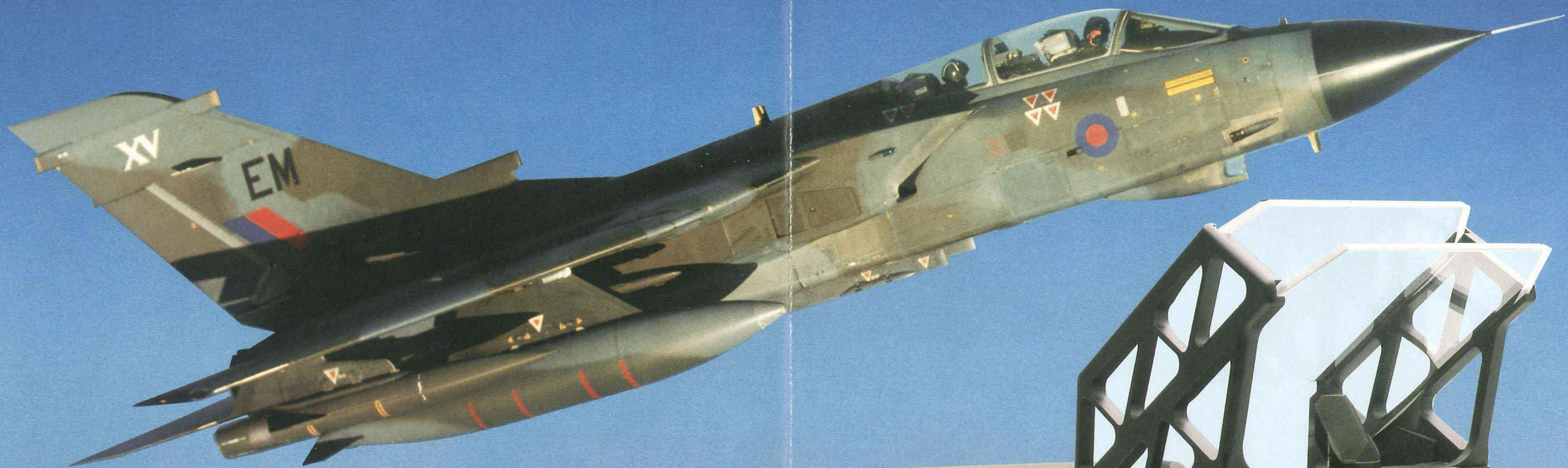
Northrop F-5E

TORNADO MID LIFE UPDATE

After one of the most intense competitions yet seen, Ferranti International was awarded the prestigious Royal Air Force Tornado GRI mid life update head up display in early 1989. The display offers a very large instantaneous field of view

and a daylight raster capability for enhanced operational effectiveness.

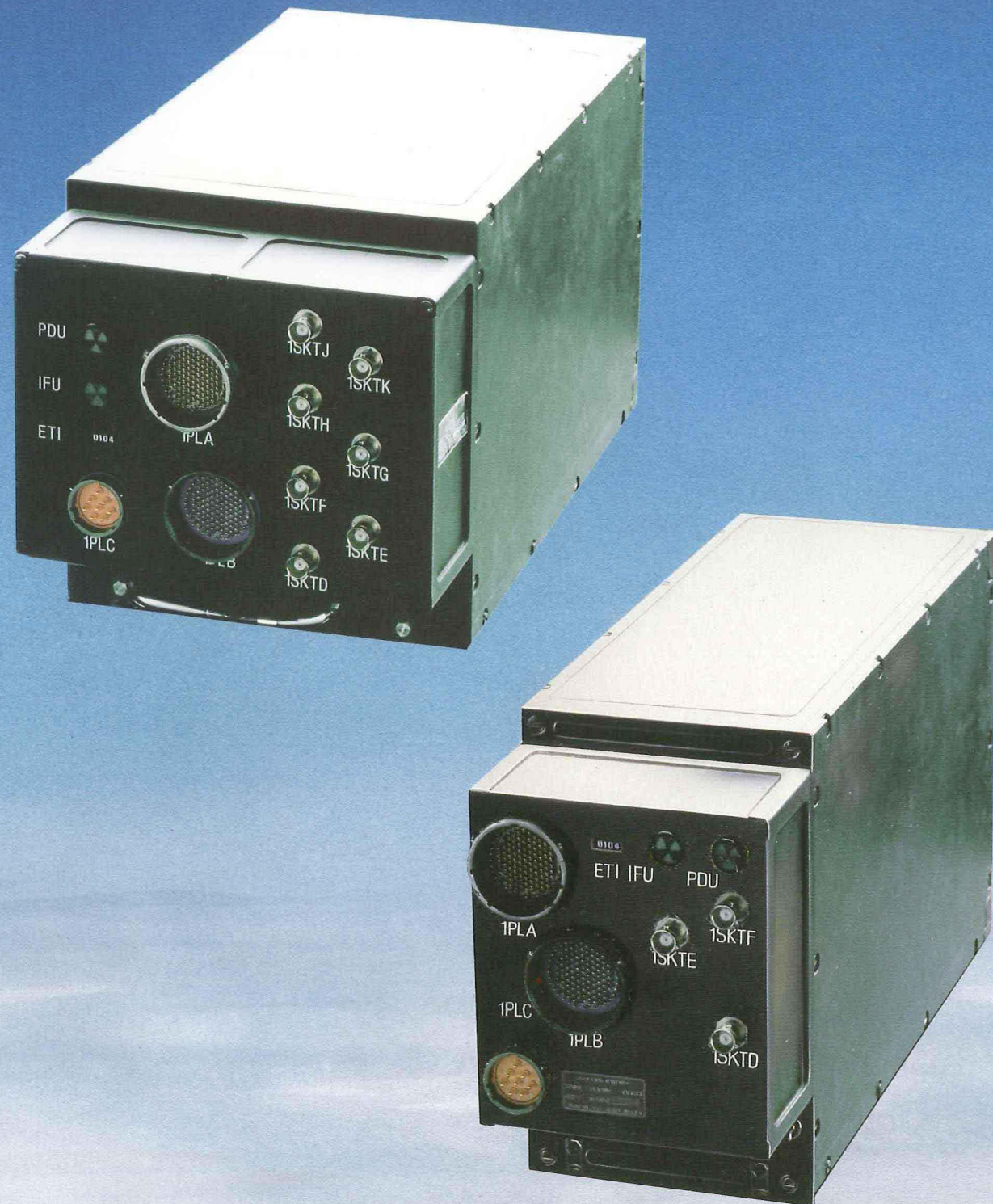
The Tornado HUD can be readily adapted to fit high performance strike/attack/interceptor aircraft.



DISPLAY PROCESSORS

Powerful, modular, display processors were designed from the start as mission computers, capable of driving a head up display only or being a true multisurface display processor/weapon

aiming computer/mission computer. A variety of processors can be offered (eg. 68020, 1750A) and a large number of interfaces are easily handled (eg. 1553B, analog, discrete, synchro).



SOFTWARE

Highly modular software is the key to a successful head up display system.

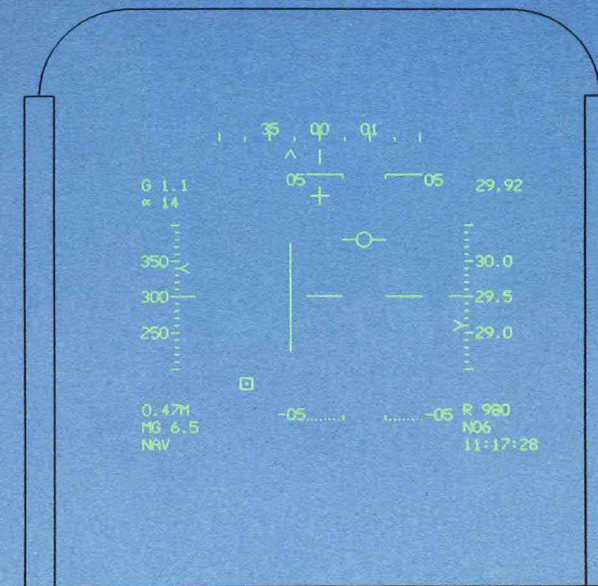
Ferranti International head up display software comprises a full library of software modules for

- Graphics (Head Up Display, Head Down Display)
- Interfaces
- Bus Control

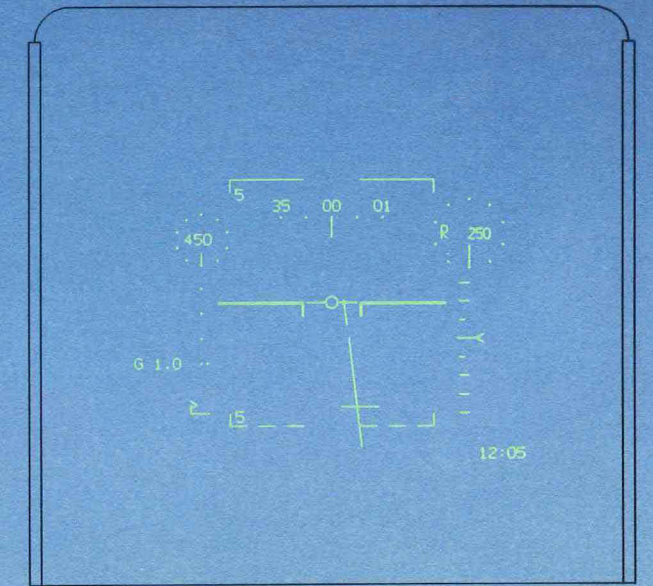
- Weapon Aiming
- Air Data Calculations
- Mission Computations

Multiple Symbology suites can be stored easily to optimise multi aircraft lead in training.

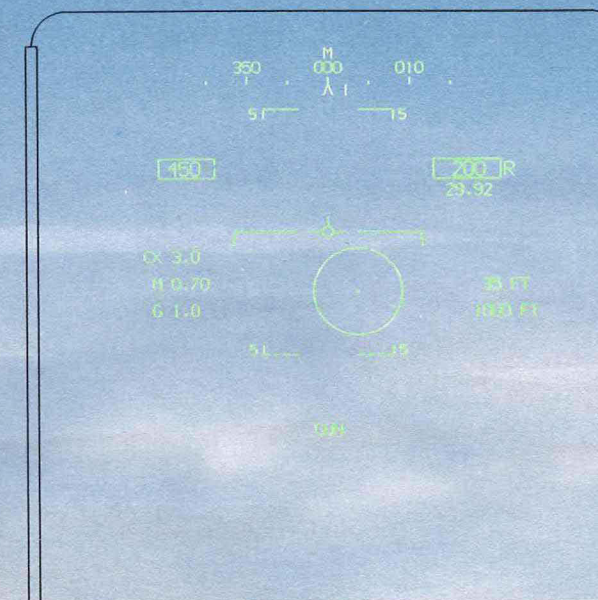
Software is tailored and adapted to fully meet customers requirements.



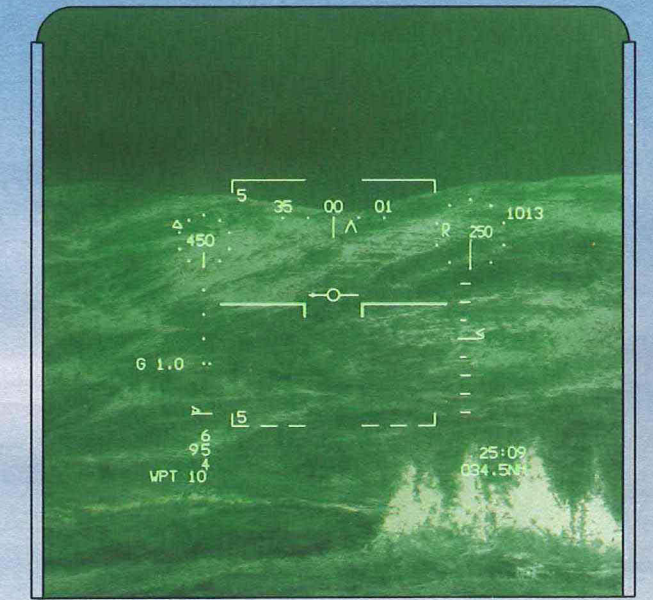
NAV (F-16 Type)



A/G CCIP (RAF Fast Jet Type)



A/A (F-18 Type)



NIGHT

**LEADING THE WORLD
IN DISPLAY SYSTEMS
TECHNOLOGY.**

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