

# Legacy F-16 HUD-DU Upgrade

Reliability & Maintainability (R&M)



Elop has been selected as the HUD supplier to one of the world's major cargo carriers for its entire fleet.

The digital air transport model is a technologically advanced overhead-mounted digital HUD, optimized for both military and commercial aircraft:

**Military transport, airlift, tanker and maritime aircraft, including:**  
C-17, C-130, KC-135, C-295, C-27J, C-235

**Commercial aircraft, including:**

MD-10, MD-11, Airbus 300, Airbus 310, B-757, B-737

Our HUD displays a FLIR picture in XGA resolution, with overlaid symbology, and can be certified as a primary flight display. This line of products is designed with growth capacity to support emerging technologies, such as SVS (Synthetic Vision Systems). Combined with an Enhanced Visual System (EVS), this HUD yields improved situational awareness, increased safety and enhanced operational capabilities. Among its features is a foldaway combiner with a specially designed breakaway position for pilot safety.

A smaller (mini) version of the HUD is available for regional and business jets.

## Significant Increase in Field MTBF



### Technical Data

Typical Mean Time Between Failures (MTBF)	2,000 hours
Power consumption	45W
Efficient heat dissipation	Body temperature 15°C lower than the legacy HUD
Weight	Total weight lower than the legacy HUD
Dimension	FFF&l
Installation/mounting requirements	FFF&l
Number of PCBs	2 PCB less than the legacy HUD
Calibration method	Electrical computerized calibration instead of potentiometers
State of the art electronics	No obsolescence