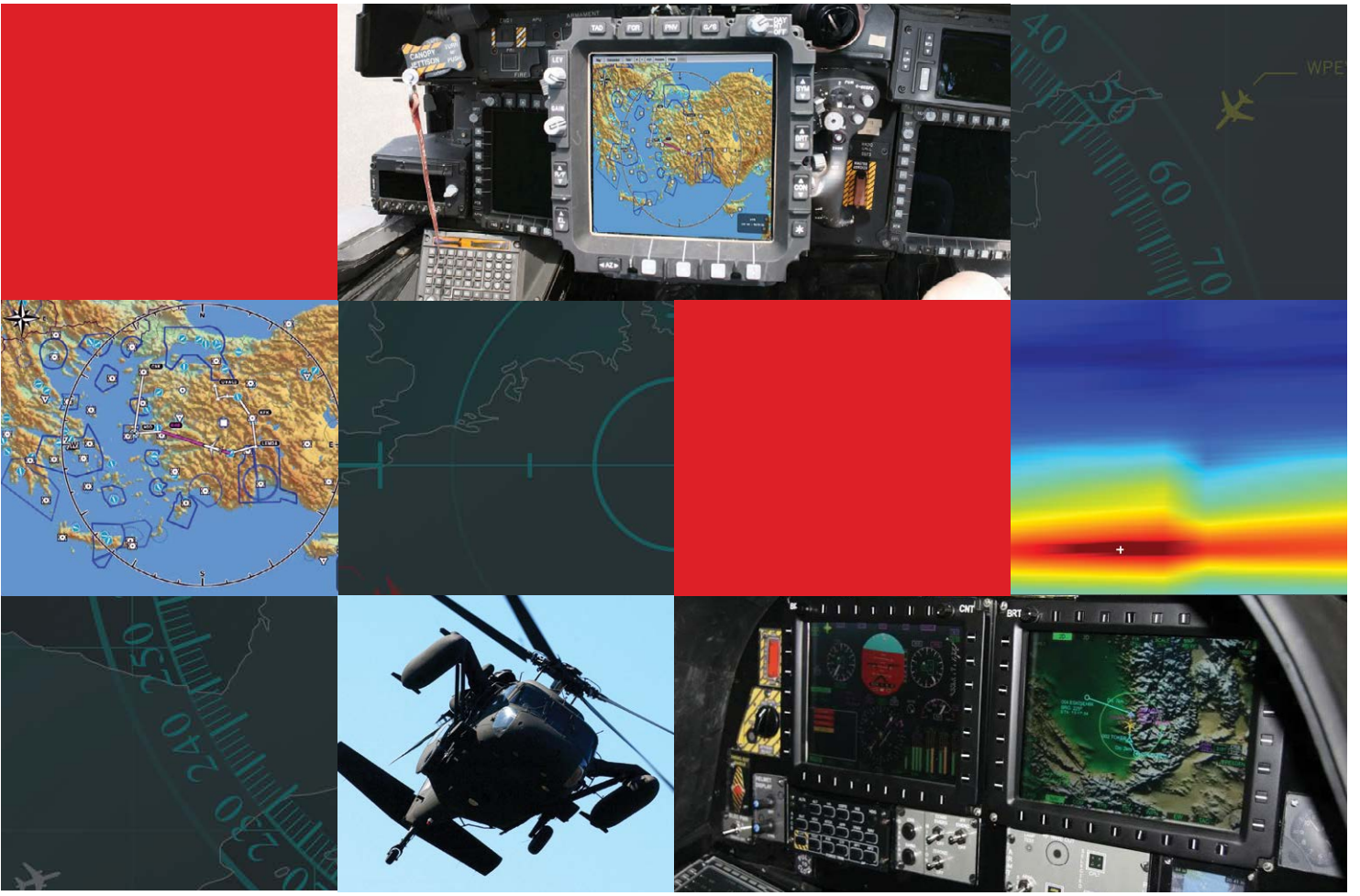




Digital Moving Map

AYESAŞ's DO-178B/C certifiable Digital Moving Map software product supplies the flying platforms with a digital video interface for keeping the own position in sight. With the Moving Map functionality, the crew has increased situational awareness and safety of flight that cannot be achieved with a standard cockpit instrument set.



Standards

- Software developed to be certifiable in accordance with DO-178B/C
- Navigational Information depicted with regards to Minimum Operational Performance Standards compatible with DO-257A
- Symbols depicted in accordance with MIL-STD-2525, APP6 symbology
- Navigational data compatible with ARINC-424 and DAFIF

Specifications

- Visual Flight Rules (VFR), Instrument Flight Rules (IFR) Display Modes
- Flight Planning using Navigational Aids and Editable During Flight
- Vertical Profile Display showing Terrain, Navigational Aids and Flight Plan
- 2D and 3D Rendering
- North-Up, Heading-Up, Track-Up, DTK-Up Orientations
- Center, Bottom-Center Aircraft Depiction
- Compass with Heading & Bearing & DTK Indicators
- Supports CADRG, CIB, GeoTIFF/TIFF, JPEG2000, JPEG, PNG, BMP, GIF, BIP/BIL/BSQ
- Supports USGS DEM & DTED 0,1,2
- Supports ESRI Shapefiles, MapInfo MIF/MID, ESRI ArcInfo Generate Vector Layer
- Supports Geographic, Lambert Conformal Conic, Mercator, UTM, Equiarectangular Projection
- Supports WGS84 and ED50 Datum
- Panning, Zooming In and Out, Decluttering Layers on digital map

Advantages

- Easy to use and requires minimum training to use
- Supports commercial and military formats and standards
- Cockpit 3D Display of Earth Surface with TAWS
- Choice of a variety of operating systems (GHS Integrity, GHS Integrity-178B, GHS Integrity-178 tuMP, Linux, Windows)
- Supports a variety of raster, vector and navigational data formats
- Supports a variety of projections and datums