

Avio Integrated Flight Management System (IFMS) for the Eclipse 550



Eclipse 550 Features

- Synthetic Vision
- Enhanced Vision
- Auto Throttles
- Redundant IFMS
- Radar Altimeter
- ADS-B Out Enabled
- Dual Diversity Transponders
- Standby Display Unit (3rd AHRS)
- TAWS
- TCAS
- Color Radar
- Stormscope
- Full-size Charts

Integrated FMS

- Airways and Victor Routes
- Coupled LPV Approach
- Vector to Final
- OBS Mode
- RNP (Auto / Manual)
- Easy Insertion of Waypoints
- Easy Insertion of Holding Patterns
- Parallel Offsets
- Procedure Turns and Holding Patterns
- Active Waypoint, Missed Approach, and Destination Waypoint Information
- Nearest / On-Route Airports
- Ability to Store 99 Flight Plans

Mapping Features

- Complete Route on Map
- Progressive Zooming to Reduce Workload
- Aircraft Position Information
- Scroll on Airport Information
- On-Screen Display of Airways High & Low, Airspaces, Airport Runways, Nav aids / Intersections
- On-Screen Display of Stormscope

Satellite Weather

- Graphical Freezing Levels
- Graphical Winds Aloft
- Canadian NexRad / Metars TAF

About the Eclipse 550 IFMS:

The Integrated Flight Management System in the Eclipse 550 greatly reduces pilot workload, and in effect acts as a virtual copilot. Avio IFMS provides digital avionics with demonstrated airline reliability and systems capability unparalleled in the very light jet segment. Avio IFMS features an Integrated Flight Management System, Class 3 E-charts, and XM Satellite Weather. The 13 microprocessors in the IS&S displays control all the major aircraft systems. Dual WAAS / SBAS beta-3 GPS receivers are utilized for precise navigation. With the enhanced situational awareness, electronic charts and maps, display and control of the aircraft systems and the integrated autopilot control panel, the pilot is provided with the most advanced FMS available for the light jet class.

About the Eclipse 550 Jet:

The Eclipse 550 Jet comes standard with features previously found only in commercial and military aircraft, but is built using innovative techniques that drive quality up and manufacturing costs down. Now with dual (redundant) Avio Integrated FMS, a plush cabin with standard leather seating and superior insulation for a quiet, relaxing ride, a cruising altitude of 41,000 feet to stay above most weather, and a maximum speed of 375 knots, the Eclipse Jet is defined by safety, comfort, and convenience.