Voyageur and BendixKing Avionics Upgrade for the Dash 8 100 / 200 / 300

The de Havilland Dash 8 100/200/300 remains one of the most reliable and robust regional turboprop aircraft in the industry. Voyageur has leveraged its expertise as a global Dash 8 operator, lessor, maintainer and modifier to develop the Dash 8 100/200/300 AeroVue clean sweep solution. The installation builds upon the innovative solutions that the AeroVue system offers and addresses avionics component obsolescence and regulatory requirements to ensure fleet longevity.

Available from Voyageur Aviation Corp:
Derived from the category-defining Honeywell avionics systems used worldwide in thousands of large business jets and air transport aircraft, the BendixKing AeroVue™ Integrated Flight Deck for the Dash 8 offers operators a sophisticated avionics platform, and adds both value and versatility to their aircraft. AeroVue represents an unprecedented level of value in this class of aircraft, offering an industry-leading Flight Management System, SmartView™ Synthetic Vision, and INAV™ functionality with electronic charts displayed on three large 12” advanced LCD screens.
Category-leading features

Configured with three 12” displays to deliver guidance, navigation, communication, engine and flight instrumentation. Two crystal-clear Primary Flight Displays with SmartView™ Synthetic Vision and one Multifunction Display with Interactive Navigation (INAV™) help you safely conquer even the most challenging approach conditions and terrain avoidance maneuvering. Top it off with the industry’s leading FMS/Flight Director combination, as well as coupled VNAV capability, and you have a sophisticated blend of ergonomics and situational awareness for your aircraft. Whether your mission is a short VFR trip or IMC flight into a busy terminal area, AeroVue enables you to complete all your flights with confidence and ease.

Standard Features:

- 3 High-resolution 12” LCD displays
- 2 Primary Flight Displays (PFDs)
  - SmartView™ Synthetic Vision
  - Track-centered display for more precise flying
  - Integrated engine instrumentation that minimizes scan
  - Radio Tuning Page
- 1 Multifunction Display (MFD) with Interactive Navigation (INAV)
  - Graphical flight planning
  - Vertical profile with terrain
  - Integrated Caution Advisory System (CAS)
  - Electronic Checklist
  - Electronic charts and maps
- Dual Digital standby attitude indicators
- Cursor Control Device
- Multifunction Controller
- Flight Management System (FMS) – Air Transport Class
  - RNP 0.3, WAAS / LPV
  - Flight Director with coupled VNAV
- Dual Multi-Mode Digital Radios (MMDR)(VHF, VOR, ILS, ADF)
- Dual 24-channel WAAS GPS receivers
- Automatic Direction Finder (ADF)
- Distance Measuring Equipment (DME)
- Dual Mode S transponders, ADS-B Out
- Weather radar
- Radar altimeter
- Traffic Collision Avoidance System (TCAS II) Ver 7.1
- Integrated TAWS A
- ARINC 717 FDR Output
- Central Maintenance System
- Full 3-year system warranty

Optional Features and Hardware:

- Touch Screen Controller (replaces Multifunction Controller)
- Inertial Reference System (IRS)
- Multi-Mode Digital Radio VDL Mode 2 Upgrade
- Wireless Database Loading System
- Upgraded Weather Radar
- Integrated Communication Management Function (CMF) (w/ACARS)
  - PM-CPDLC
  - FAA NextGen Capable
- Crew Profile
- RNP 0.3 AR Approaches
- Datalink Recording
- EVS / Video Interface
- 2D Airport Moving Maps (2D AMM)
- ADS-B IN
Service Plans:

- BendixKing Avionics Maintenance Service Plan (extended warranty coverage)
- BendixKing Total Avionics Program (TAP)

Find Out More

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