

AeroVue

The Dash 8 Integrated Cockpit for Special Mission Operators

MISSION VIDEO RELAY | SYNTHETIC VISION

ENHANCED SAR OPERATIONS

MISSION FLIGHT PLAN FORWARDING

LASEREF VI WITH TIGHT GNSS/IRS INTEGRATION



voyageur 
AVIATION

BendixKing



*The AeroVue system provides **enhanced mission system operability** while addressing legacy avionics component obsolescence and regulatory requirements to ensure fleet longevity.*

The AeroVue Special Missions Package contains specialized digital navigation and communication components which are necessary to successfully fulfill your sortie. Derived from the category defining Honeywell avionics system, 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 displays.

Special mission capabilities include three configured 12" displays to deliver guidance, navigation, communications, 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.



The Future of the Dash 8 Avionics System:

- Improved reliability through replacement of legacy instruments and components.
- Fewer components to maintain due to increased integration.
- Lower power consumption, leaving more available for mission systems.
- Simpler, quicker maintenance, no overlapping STC's to cause troubleshooting confusion.

AeroVue Integrated Flight
Display Video



Standard Special Mission Package Features:

- 3 High-resolution 12" LCD Displays
- 2 Primary Flight Displays (PFDs)
 - SmartView™ Synthetic Vision
 - Track centered display for precise flying
 - Integrated engine instrumentation that minimizes scan.
 - Radio Tuning Page
- 1 Multifunctional Display (MFD) with Interactive Navigation (INAV™) – Graphical flight planning.
 - Vertical profile with terrain
 - SAR patterns per International Aeronautical and Maritime Search and Rescue (IAMSAR)
 - External Video Display function on MFD, multiple video sources can be selected and individually displayed on the 2/3 window.
 - Flight Plan forwarding from cabin mission suite.
 - Electronic Checklist
 - Electronic charts and maps
- Dual Inertial Reference System (IRS)
- Computed Air/High Altitude Release Point (CARP/ HARP)
- Dual Digital standby attitude indicators
- Dual Cursor Control Device
- Dual Touchscreen 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
- Dual Automatic Direction Finder (ADF)
- Dual Distance Measuring Equipment (DME)
- Dual Mode S Transponder, ADS-B Out
- Dual Radio Altimeter
- Weather Radar
- Traffic Collision Avoidance System (TCAS II) Ver 7.1
- Integrated TAWS A
- ARINC 717 FDR Output
- Central Maintenance System
- Full 3-year system warranty
- Special mission integration options available



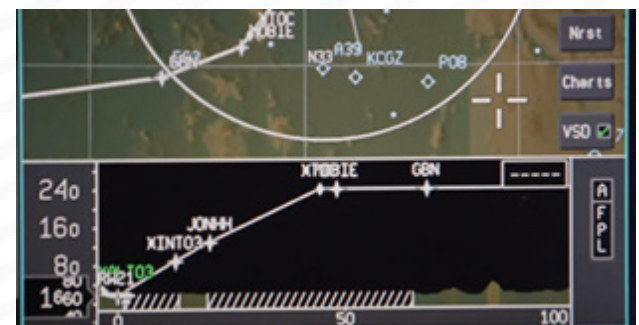
Mission Video Displayed on MFD



FMS includes SARS Patterns



Touchscreen Controller



INAV Vertical Profile Display



Total Avionics Program (TAP):

The flexible Total Avionics Program alleviates costs for customers. Plans offer full warranty, are customizable, and dependant upon overall fleet usage. Contact our team today for more information.



Voyageur Aviation Corp.:

Voyageur is a known leader in the regional aircraft marketplace, with over 100 Dash 8s having been modified and maintained at our MRO and Engineering facility in North Bay, Ontario. Established in 1968, Voyageur Aviation's experience as a regional aircraft air operator, lessor, Approved Maintenance Organization, and Design Approval Organization positions us as a true one-stop shop for our Special Mission aircraft clients.

Voyageur's capabilities include:

- Aircraft Survivability Equipment,
- Geophysical Survey,
- Search and Rescue (SAR),
- Aeromedical,
- Combi / Cargo Operations
- Intelligence, Surveillance, and Reconnaissance

For more information on Voyageur's offerings, reach out to our Aerotech team below.



Voyageur Aviation Corp.
Aaron Brodhagen
MRO Sales, Manager
1500 Airport Rd, North Bay ON CAD
+17054825957
Aaron.brodhagen@voyav.com

