



Bombardier

Pro Line 21™ Advanced

Bombardier Challenger 300 and Bombardier Challenger 605



Pro Line 21™ Advanced

The Pro Line 21™ Advanced avionics suite features fully-integrated functions to enhance situational awareness and operational efficiencies while meeting the next generation of mandates which may increase the value of your aircraft.



PRO LINE 21 ADVANCED AVIONICS SUITE

Flight Management System (FMS) improvements

- Localizer Performance with Vertical Guidance (LPV) approaches, access to more airports and increased fuel savings
- Supports new options RNP AR 0.3** and FANS 1/A (CPDLC and ADS-C)
- Faster FMS database upload times with DBU-5010E

Integrated Flight Information System (IFIS) enhancements

- Multi-Function Display (MFD)
 - Enhanced, split chart capability
 - Automatic depiction of airport charts upon landing
 - Charts linked with FMS, reducing pilot workload

Primary Flight Display (PFD) improvements

- Expanded wall-to-wall Attitude Director Indicator (ADI) display
- Improved situational awareness and display ergonomics

AVAILABLE OPTIONS

Future Air Navigation System (FANS) 1/A

- Access to FANS-1/A+ route = reduced fuel burn and trip duration over oceanic and remote areas
- More reliable communication in remote areas and access to RNP 4

MultiScan™ weather radar

- One of the highest definition graphical weather radars in the industry
- Improved functionality with auto-tilt & scan function and increased range of 320nm
- Superior ground clutter suppression
- Turbulence detection up to 40nm

Enhancement SXM graphical weather***

- Animated NEXRAD, wind aloft, turbulence and icing
- Increased coverage: Canada and Puerto Rico
- Provides long range weather strategic flight planning

Automatic Dependent Surveillance Broadcast ADS-B Out (V2)

- Complies with both EASA and FAA ADS-B Out (V2) mandates

Synthetic Vision System

- Increased situational awareness and greater margin of safety during low-visibility operations
- Increased awareness of terrain and airport environment

Smart Runway and Smart Landing*

- Greater margin of safety during low-visibility operations and increased situational awareness
- Aural and visual alerts supplement the flight crew awareness of aircraft configuration and position

Required Navigation Performance Authorization Required (Rnp Ar 0.3)**

- More efficient routes = greater fuel savings and less time aloft
- Access to more airports

For more information, please contact your Regional Sales Manager
email servicesales@aero.bombardier.com or visit bombardier.com

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