



More choices for an even more capable aircraft.

Bombardier Challenger 605 and Challenger 650 UPGRADE

**Rockwell
Collins**

Building trust every day



Cleared and connected to all your destinations

Whether you fly a Challenger 605 or Challenger 650, your aircraft is primed for upgrade and option choices that will raise it to new levels of performance. Infuse your trips with capabilities for accessing preferred routes, in your preferred style, for years and nautical miles to come. All from one trusted source of innovation in global business aviation.

Enjoy the advantages
of one source

CONNECTIVITY



AVIONICS



CABIN



SERVICES





Stay connected, engaged and informed

Everything you need to enhance performance across your aircraft

A full range of connectivity options empowers passengers and crew members to be as productive in the sky as they are on the ground. And because one company delivers them all, you can depend on a seamless solution – along with unmatched expertise for all your aircraft's connectivity needs.

Connectivity enablement

The hardware that makes aircraft connectivity work.

- › Radios: high-frequency (HF), Iridium®, Inmarsat SATCOM, VHF
- › Routers: Airborne Data Routers with optional two channels of Iridium
- › Antennas: Tailwind®, Ku/Ka Band

ARINCDirectSM flight-deck connectivity services

Options that can add new destinations to your aircraft while enhancing its safety, efficiency and mandate compliance.

- › Iridium
- › Inmarsat
- › VHF and HF data link/ACARS

ARINCDirect cabin connectivity services

Reliable, fast, global data delivery for passengers and crews.

- › Inmarsat Jet ConneX
- › Inmarsat SwiftBroadband
- › ViaSat® high-speed internet
- › Iridium voice and fax

Learn more

www.rockwellcollins.com/challenger605-650/connectivity

Flight-deck options

Equip your pilots for faster, more fuel-efficient flights

The Pro Line 21™ Advanced avionics system is the key to unlocking new capabilities for your Challenger. It's available as an upgrade for Challenger 605 owners and as forward-fit equipment on the Challenger 650.

You start with powerful baseline features*, including ADS-B Out, localizer performance with vertical guidance (LPV) and an enhanced Integrated Flight Information System (IFIS). Then, you can choose options that give your pilots the tools to take you to more places in less time and with a lower fuel burn.

To learn more about avionics baseline features, go to www.rockwellcollins.com/challenger605-650

*Challenger 650 includes MultiScan™ weather radar and Synthetic Vision System (SVS) as baseline avionics features

MANDATE

FANS 1/A

Get your DCL clearances faster and be the first off the ground with Future Air Navigation System (FANS) 1/A. Ensure you can always fly the preferred, most-efficient North Atlantic Tracks.

RNP AR 0.3

Increase on-time arrivals at your destinations – and expand where you can go with access to more airports. Take advantage of shorter approach routing and lower landing minimums to maximize fuel savings.

SATCOM (Iridium/Inmarsat)

Reliable voice communications for your flight deck and passengers wherever you go. AOC data link and safety services are also enabled by using the most advanced, satellite-based network available.

MultiScan weather radar (baseline for Challenger 650)

MultiScan revolutionizes weather radar. Automatic gain adjustment based on geographic location and altitude reduces pilot workload. OverFlight™ protection reduces the risk of inadvertently penetrating thunderstorm tops. Combined with superior ground clutter suppression, MultiScan weather radar truly makes flying safer and easier.

XM WX Satellite Weather®

Complement the Pro Line 21 Advanced MultiScan weather radar with strategic weather. Expand your viewpoint from 320 nautical miles to the entire continental United States (CONUS) for greater awareness of changing weather patterns, leading to better decision making.

Synthetic Vision System (baseline for Challenger 650)

See and know where terrain, obstacles and your airport are in all conditions. Enjoy extra levels of safety and situational awareness when flying into mountainous regions and challenging airports.



Learn more
www.rockwellcollins.com/challenger605-650/avionics

Dynamic ways to engage

Tailor your experience for work or play

An upgrade to our Venue™ cabin management system gives you new ways to make the most of your flight time. Optional services and products bring the familiar conveniences of your preferred lifestyle on board. Work or relax throughout your journey, just as you do at home.



Venue™ cabin management system

With Venue, complete wireless and wired cabin control is yours, along with the scalability to meet your needs. Choose from a rich array of content options for in-flight entertainment, information and productivity.

Stage™ content service

Stream an extensive breadth of movies, TV shows and music, so you can better enjoy your flight experience. Stage also provides access to news, sport scores and weather feeds,* along with destination information.

Tailwind® Satellite TV

View any televised sporting event, news or show in real time during your flight. Take the comfort and convenience of your living room into your cabin.

Airshow® moving maps

Explore Airshow moving maps from your personal iOS and Android™ devices with Airshow Mobile. Custom aircraft, paint schemes, logos, languages and more will make your Airshow experience one of a kind.

ARINCDirect™ cabin connectivity

Choose from a breadth of cabin connectivity options that best fits your need, including Inmarsat Jet ConneX and SwiftBroadband, ViaSat and Iridium to meet your phone, fax, voice and data needs. Combine these with our Airborne Data Router, a multitude of service enhancement applications and our global support to receive an unprecedented cabin experience.

*Requires connectivity for real-time news, sports and weather feeds

Learn more

www.rockwellcollins.com/challenger605-650/cabin



Streamline every trip, start to finish

World-class service and support anywhere, anytime, every time

From the moment you decide on a destination, Rockwell Collins is there with the award-winning* support that helps make any trip a pleasure to take. Our services and tools are designed to smooth every detail of every flight.

CASPSM

Corporate Aircraft Service Program (CASP) solutions provide Challenger 605 and Challenger 650 operators with both CASP and CASP Elite services. These tailored solutions improve the operational availability of your aircraft at a predictable annual cost. With no pre-inspection or buy-in fees, the average customer saves 15 to 25 percent in maintenance costs.

ARINCDirect International trip support

The tools you need to take the worry out of worldwide travel planning. Weather, fuel services, visa and passport confirmation, TSA waivers, APIS submission, aircraft and passenger security and much more.

ARINCDirect FOS[®] Flight Operations System

FOS gathers all the information you require in one place – including your scheduling, maintenance, International trip support tools and more – with rich features and no redundant data entry. The FOS Mobile app lets you access FOS tools and services from your iOS and Android™ devices.

ARINCDirect flight planning

Create and file electronic flight plans anywhere worldwide, using aircraft performance data and the latest atmospheric forecasts for the most precise fuel burns and time calculations. With our iPad app, you'll always have up-to-date weather information and flight plans at your fingertips.

*Rockwell Collins earned Bombardier's In Service Supplier Top Achievement Recognition (STAR) award five years in a row, most recently in 2016.



Learn more

www.rockwellcollins.com/challenger605-650/services



Building trust every day.

Rockwell Collins delivers innovative aviation and high-integrity solutions that transform commercial and government customers' futures worldwide. Backed by a global network of service and support, we are deeply committed to putting our solutions to work for you, whenever and wherever you need us. In this way, working together, we build trust. Every day.

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