

BOMBARDIER CHALLENGER 604

UPGRADE



Latest capability. Greatest value. One source.



Collins Aerospace

2 BOMBARDIER CHALLENGER 604



CLEARED AND CONNECTED TO ALL YOUR DESTINATIONS

Collins Aerospace's essential connection to your Challenger 604 aircraft began with its inception. Today, our Challenger 604 upgrade offerings and world-class support will keep your aircraft – and you – flying more capably than ever. All from one trusted source.

Enjoy the advantages
of one source



PRO LINE FUSION®

Collins Aerospace offers an attractive, comprehensive package for upgrading your Pro Line 4™ flight deck to our Pro Line Fusion® integrated avionics system. It's a cost-effective option that will keep your aircraft flying by making your flight deck mandate compliant and future ready while mitigating CRT obsolescence. You'll enjoy enhanced safety, efficiency and pleasure on every flight.

The flight deck that takes
you to more places

TO LEARN MORE, VISIT

collinsaerospace.com/challenger604/avionics



KEY BASELINE FEATURES

MANDATE

ADS-B OUT

Equip now with the latest ADS-B Out standard, DO-260B, to ensure mandate compliance in the United States (by the end of 2019), Europe (mid-2020) and other areas.

RNP

Increase your on-time arrivals 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. Includes an advanced RNP feature for RF legs.

LPV

Fly to more destinations with more runway choices. Access lower approach minimums to get below the weather and establish visual runway contact.

DUAL INTEGRATED EFB (IFIS)

No need to carry on a separate device or manage multiple interfaces. Built-in redundancy preserves quick access to charts and current weather overlays.

DATA LINK

Stay at the front of the line with digital communications for your everyday tasks of flight planning, retrieving the latest weather data and communicating through CPDLC. Options for Link 2000+ and FANS 1/A are available.

SYNTHETIC VISION SYSTEM (SVS)

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.

TOUCHSCREEN GRAPHICAL FLIGHT PLANNING

Keep eyes forward while navigating on the intuitive, efficient technology of a touchscreen primary flight display.

OPTIONS

MANDATE

FANS 1/A

Access any location that requires Future Air Navigation System 1/A. Get your clearances faster and be the first off the ground.

MANDATE

LINK 2000+

Reduce the risk of flying lower assigned altitudes. Link 2000+ equipage secures your preferred access to European airspace while meeting the 2020 mandate.

MULTISCAN™ WEATHER RADAR

Full-color storm cell tracking is automatic and clutter-free, scanning 320 nautical miles ahead of your aircraft. OverFlight protection mitigates the risk of inadvertently penetrating thunderstorm tops.

GRAPHICAL WEATHER

Having a complete picture of evolving weather situations en route or at your destination provides you with the insight to make better decisions earlier and to plan appropriately.

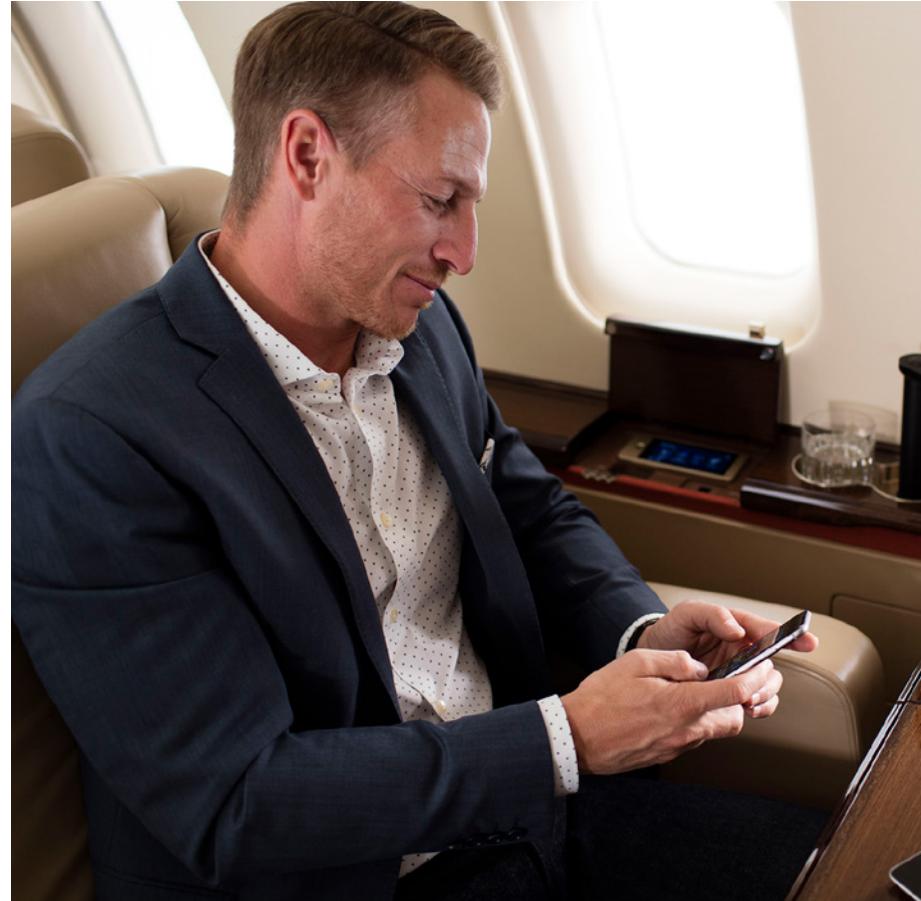
LEARN MORE

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DYNAMIC WAYS TO ENGAGE

Tailor your experience for work or play

Consider a cabin upgrade that can take care of your obsolescence issues while adding immediate and long-term value to your aircraft. Our Venue™ cabin management system offers you the same functionality in the air that you prefer and use in your daily life on the ground. Choose from optional services and products that let you make the most of your flight time.





VENUE™ CABIN MANAGEMENT SYSTEM

With Venue, complete wireless and wired cabin control is yours in a scalable system. Choose from a rich array of content options for in-flight entertainment, information and productivity.

STAGE™ ON DEMAND

Stream an extensive breadth of movies, TV shows, music and games for a more enjoyable flight experience. Access news, sport scores and weather feeds,* along with destination information.

TAILWIND® MULTIREGION IN-FLIGHT TV SYSTEM

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

AIRSHOW® MOVING MAPS

Its integration with Venue lets you explore Airshow from any cabin display. Or, you can engage with Airshow from your personal iOS and Android™ devices with our Airshow Mobile application. Custom aircraft, paint schemes, logos, languages and more.

ARINCDIRECT™ CABIN CONNECTIVITY

Choose from a breadth of cabin connectivity options, including Inmarsat 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.

LEARN MORE

collinsaerospace.com/challenger604/cabin

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

STAY CONNECTED, ENGAGED AND INFORMED

Options that enable you to do more
in the air

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





CONNECTIVITY EQUIPMENT

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

ARINC DIRECT 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

ARINC DIRECT CABIN CONNECTIVITY SERVICES

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

- Inmarsat Jet ConneX
- Inmarsat SwiftBroadband
- ViaSat Mobile Broadband Service
- Iridium voice and fax



LEARN MORE

collinsaerospace.com/challenger604/connectivity



073665	Governatori	CES	CSE
074550	Greenfield	SAT-2100	Acknlge
073882	Stewart	AS-410	PSM
072009	Stewart	VENUE	CSE
074476	Hamel	Flying Contro	PSM
074444	Kurt	RAD ALT	CSE
070948	Mich	ATS ATE	CSE
072884	Wriaht	AFCS	PSM
071480	Wright	FIS-85	PSM
071276	Wright	AFCS	PSM
073987	Wright	AFCS	PSM
073986	Wright	AFCS	PSM
074613	Wright	APS-4000	Acknlge
073911	Governatori	CES	PSM
074535	Hamel	EFIS	CSE
071877	Stewart	VENUE	CSE
074387	Hamel	EFIS	PSM
074108	Kurt	WXR-2100	CSE
074097	Greenfield	SATCOM	PSM

STREAMLINE EVERY TRIP, START TO FINISH

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

From the moment you decide on a destination, Collins Aerospace is there with 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.

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

CASPSM

Corporate Aircraft Service Program (CASP) solutions provide Challenger 604 operators with both CASP and CASP Elite services. These tailored solutions provide warranty coverage for all the Collins electronics on board your aircraft. With no pre-inspection or buy-in fees, CASP makes it simple to manage the unexpected. Special incentives are available. Contact us at casp@collins.com to learn how we can save you time and money.

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. Track your trip status from your iPhone® or iPad® with our mobile application.

ARINCDIRECT FLIGHT OPERATIONS SYSTEM (FOS®)

FOS gathers everything you need in one place – 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.

LEARN MORE

collinsaerospace.com/challenger604/services

To learn more, go to
collinsaerospace.com/challenger604



Collins Aerospace

+1.319.295.4085

avionicsmarketing@collins.com

collinsaerospace.com

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