

PRO LINE FUSION® UPGRADE FOR YOUR CITATION® JET

TIME TO BE A TOUCH ABOVE THE REST

Have it all with the Pro Line Fusion upgrade for CJ1+®/2+® and CJ3®



Collins Aerospace
An RTX Business

JOIN THE FUTURE-READY COMMUNITY OF PRO LINE FUSION CJ FLYERS

1,350+
aircraft equipped
with Pro Line Fusion

40K+
flight hours
flown

35+
CJ pilots flying
Pro Line Fusion today

Touch down
**FULLY
EQUIPPED**
at your next
destination



Longer life
Upgrade the Citation
Jet you love with
capabilities for **NextGen®**
and **Single European Sky**



Less downtime
Get flying faster
with improved
wiring installation



Lower cost
Fly with the
confidence of a
two-year warranty

CREATE THE PERFECT FLIGHT DECK TO MATCH YOUR FLYING STYLE AND MISSION

	Baseline	Options
ADS-B Out V2 (DO-260B)	X	
WAAS and LPV approaches	X	
Second FMS	X	
Radius-to-fix (RF) legs	X	
Synthetic Vision System (SVS), showing: Obstacles Airport dome	X	
High-resolution topographical maps	X	
Touchscreen, 14.1-inch-wide primary flight displays	X	
Graphical flight planning	X	
Memorized flight deck formats	X	
Terminal charts and enhanced maps	X	
Automatic display and sensor reversion	X	
Runway highlighting and alerting	X	
Dual-integrated EFB		X
Worldwide data-link weather or North American graphical weather		X
Second GNSS sensor, ADF or DME		X
Third VHF/data link		X
High-frequency (HF) communications		X
Video window		X
Mobile enablement		X

OPTIONS TO MAKE COMMUNICATION AS EASY AS 1, 2, 3

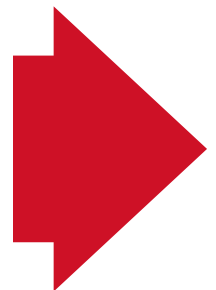
Don't fall behind. Receive weather updates, clearances and more – right on your flight-deck display.

CPDLC/DATA LINK

One in three voice communications needs to be repeated. Will yours be next? Equip now to automate pilot and air traffic controller tasks, reducing radio congestion and eliminating readback errors. Plus, take advantage of faster departures at over 60 U.S.-based airports today, and be future ready when the en route phase of flight transitions to text-based communications.

GRAPHICAL WEATHER

SiriusXM Aviation weather brings high-quality weather overlays to your cockpit. Easily see weather overlaid along your route of flight in the United States and parts of Canada, Mexico and the Caribbean. Flying outside these regions? Choose data-link weather to receive worldwide coverage.



TAKE YOUR INVESTMENT TO MORE DESTINATIONS

Our Pro Line Fusion® integrated avionics system displays bring much more than synthetic vision. You'll also have integrated ADS-B Out annunciations and Satellite Based Augmentation System (SBAS) approach capability in Europe.

ADS-B OUT

Airspace is transitioning from ground-based to space-based tracking, enabling more aircraft to fly more efficient routes with closer spacing. ADS-B out complies with the latest standards for worldwide acceptance.

WAAS AND EGNOS CAPABLE GPS

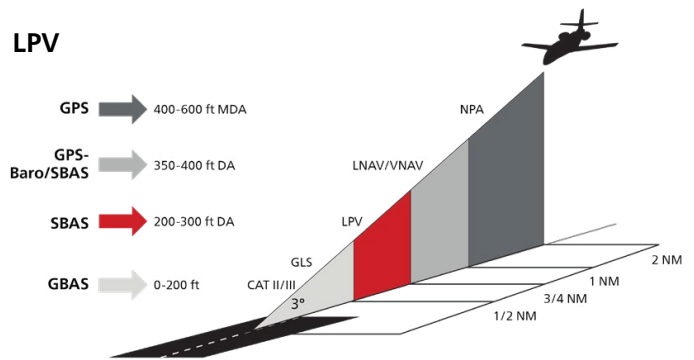
WAAS is the technology that enables precision RNAV GPS approaches, LPV and the ADS-B Out mandate. Now is the time for a WAAS update, so you can unlock NextGen® airspace.

FLIGHT MANAGEMENT SYSTEM

Taking advantage of the latest routes and terminal procedures requires the latest in FMS technology.

- Uses GPS as primary means of navigation
- Automatically shares takeoff and arrival data with IFIS and SVS
- RF leg

LPV



- Saves time and money by enabling LPV approaches
- More precision approaches available at more airports
- Over 4,000 LPV approaches serving more than 1,900 airports in the U.S.

RNP

DME/DME RNP-0.3 NA.		PROVO, UTAH		AL-683 (FAA)		15176	
WAAS CH 97307 W13A	APP CRS 134°	Rwy Idg TDZE 4497	8599	RNAV (GPS) RWY 13 PROVO MUNI (PVTU)			
▼ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (-9°F) or above 40°C (104°F). DME/DME RNP-0.3 NA. Circling NA east of Rwy 18 and 31.				MISSED APPROACH: Climb to 9000 direct HUNSU and on track 206° to SANINO and right turn on track 296° to MEDKE and on track 350° to FFU VORTAC and hold.			

- Adds XYZ approaches
- More direct routing
- More efficient arrival

1

ACARS, AFIS, ARINC 623

Via this protocol: Flight plans are up-linked to the FMS, weather and ATIS are requested, and messages are sent using auto forward codes. Global DCL, OCD and PDC are broadcast via ACARS, AFIS and ARINC 623.

2

FANS

The Future Air Navigation System is used to broadcast CPDLC between aircraft and ATC. FANS uses ADS-C for surveillance in remote regions and is mandated for use in the North Atlantic Data Link Mandate (NAT DLM) area between FL290-410. Equipped airports in the U.S. are using FANS to broadcast DCL (this service differs from the DCL issued via ARINC 623).

3

ATN B1, Link 2000+

The Aeronautical Telecommunication Network in Europe uses the VDL network to communicate with equipped aircraft via CPDLC. Unlike FANS, there is no surveillance component. ATN and FANS are not interoperable.

PROTECT YOUR INVESTMENT – TWO-YEAR WARRANTY AND CASPSM

Not only does your Pro Line Fusion upgrade come with a two-year warranty on new equipment, it also includes two-year, warranty-like coverage on the remaining Collins Aerospace avionics equipment through the Collins Avionics Service Program (CASPSM).

Your warranty and CASP coverage minimize the budget and schedule disruptions caused by unplanned maintenance events, ensuring your airplane is ready to go whenever and wherever you are.

CASP includes:

- Unlimited exchange, rental and repair equipment
- Free next-day shipping
- Reliability service bulletins
- Collins Aerospace dealer removal and refit labor
- Unused exchange returns at no additional cost

YOUR TOTAL SOLUTION

Make the most of your avionics upgrade and enhance your operations by including Collins Aerospace's ARINCDirectSM flight support services

- Comprehensive flight planning
- Email
- Flight plan upload
- Flexible ARINCDirect Flight Operations System (FOS[®])

Cabin solutions

Make every flight more enjoyable with cabin options such as our Airshow[®] moving maps. Follow your flight in real time. Go mobile with the Airshow app for iOS[®] and Android[™] devices. And our Stage[™] on demand brings an unrivaled level of luxury to your cabin's entertainment capabilities.



Learn how our personalized flight support can make managing your operations easier, start to finish.

collinsaerospace.com/arincdirect

To learn more, go to
collinsaerospace.com/citationfusion

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