


Supplemental Type Certificates (STCs) 

SMOOTHLY NAVIGATE  
YOUR INSTALLATION  
TO CERTIFICATION

Comprehensive product  
and service expertise



**Collins Aerospace**

# SIMPLIFY YOUR PROGRAM WITH STRENGTH IN NUMBERS

When it comes to a smooth, timely, step-by-step process of certifying equipment for your program, experience counts. Every year, Collins Aerospace processes dozens of design approval projects for supplemental type certification. That has added up to hundreds of STCs on more than 30 airframe models.

Streamline your program by using the trust we've built as an expert resource in the aviation industry for engineering, design and certification.

Over the years, we've successfully navigated through certification processes and built relationships with global airworthiness authorities. You can count on our experienced Federal Aviation Administration (FAA), Transport Canada and European Aviation Safety Agency (EASA) representatives – who also have a nuanced understanding of original equipment manufacturer system type integration – to provide comprehensive certification solutions for your program requirements. And with in-house engineering support and specialists, we can offer you options for customized integration engineering and multinational approvals.

Ensure a smooth upgrade for your program with Collins.

## EQUIPMENT EXPERIENCE

- Automatic Dependent Surveillance-Broadcast (ADS-B)
- Multi Mode Receiver (MMR)
- In-flight entertainment (IFE)
- Cabin management system (CMS)
- SATCOM
- VVIP interior completion
- Layout of passenger accommodations reconfiguration
- Aircraft communications, addressing and reporting system (ACARS)
- Wireless local area network (WLAN)
- Class II electronic flight bag (EFB)
- Flight management system (FMS)
- Terrain awareness and warning system (TAWS) and enhanced ground proximity warning system (EGPWS)
- GPS
- Emergency locator transmitter (ELT)
- Traffic collision avoidance system (TCAS/Mode-S)
- Interior/exterior lighting

## PLATFORM EXPERIENCE

Airbus	CASA	Lockheed Martin
ATR	Cessna	McDonnell Douglas
BAE Systems	Dornier	Pilatus
Beechcraft	Embraer	Saab
Beechjet	Eurocopter	Sino-Swearingen
Boeing	Fokker	
Bombardier	Hawker Beechcraft	

## ADDITIONAL SERVICES

- FAA-designated engineering representative, designated airworthiness representative and designated manufacturing inspection representative service
- Parts Manufacturer Approval (PMA) and consulting
- Installations and parts certification
- Avionics and electrical system design
- Occupant safety assessment
- Flammability testing
- Aircraft structures stress and damage tolerance analysis
- Interior engineering
- EASA Form 1 airworthiness tag
- EASA production organization approval facility installation kit provision



FAA, EASA and TCCA  
STC experience.

## AIRBUS A300

ST00932AT	Video Entertainment System
ST01001AT	Dual Honeywell/Trimble HT9000 GPS
ST02022AT	Dual Canadian Marconi CMA-900 GPS/FMS
ST02297AT	Flight Recorder System Upgrade (FAR 121.344/129.20) (E, B)
ST02929AT	Artex Model C406-1 ELT Installation
ST02994AT	Honeywell EGPWS Installation, A300B4-600 (V, E)

## AIRBUS A310

ST02896AT	Thales Kannad ELT Installation
ST02929AT	Artex C406-1 ELT Installation

## AIRBUS A318/319/320/321

ST02896AT	Thales Kannad ELT Installation (A319/320/321 only) (E, V)
ST03916AT	TEAC/Goodrich Digital Audio Reproducer & Digital Video Reproducer for the Passenger Entertainment System (PES) (B, A, E)
ST04362AT	Collins ADS-B Out (A319/320/321 only) (E)

## AIRBUS A330

ST03892AT	Imagik Monitor Replacement (B)
ST04220AT	Tapestry Lights (B, E)
ST04419AT	Collins ADS-B Out
Pending	Collins GLU-2100 MMR Upgrade

## AIRBUS HELICOPTER DAUPHIN AS-365

SP03675AT	Honeywell Solid State Cockpit Voice Flight Data Recorder (SSCVFDR)
-----------	--

## AIRBUS HELICOPTER AS-350

SH98-6	Wire Strike Protection Sys. (FAA-SR00817NY; P)
SH00-24	Instl. Restraint System (TCCA)

## AIRBUS HELICOPTER AS-355

SH98-38	Wire Strike Protection System
---------	-------------------------------

## ATR 42/72

ST03846AT	Electronic Flight Bag (EFB) & WSI Weather Briefing (C, E)
ST03912AT	ACSS Mode-S, T2CAS System

## BAE JETSTREAM 31/32

ST02929AT	Artex Model C406-1 ELT Installation (E, C)
SA03020AT	Sandel ST3400 TAWS Installation (E, C)
ST03269AT	Honeywell CAS-67A TCAS II with MST-67A Mode S (E, C)

## BAE JETSTREAM 41

ST03394AT	DMP100-/200 Digital Media Player (Cabin Briefer) (E)
-----------	--

## BEECHCRAFT 1900

SA1380	Sundstrand MK VI GPWS Installation
SA1480	Collins ALT-55B Radio Altimeter Installation
SA02821AT	Sandel ST3400 TAWS Installation (C, E)
ST02793AT	Honeywell EGPWS Installation (C, E)
ST02794AT	Garmin G-400 GPS (C)
SA01-31	LED Indicating Light System (FAA-SA01467NY)

## BEECHJET 400A

ST03330AT	Installation of EMTEQ LED Lighting
-----------	------------------------------------

## BOEING 707

ST01329AT	AlliedSignal RDR-4B Predictive Windshear/Radar System Installation
ST01330AT	11-Channel Digital Flight Data Recorder Installation (B)
ST02929AT	Artex Model C406-1 ELT Installation

## BOEING 717

ST04416AT	Collins GLU-925/-2100 MMR Upgrade
ST04418AT	Collins ADS-B Out System

## BOEING 727

SA16150	Radio Altimeter
SA604S0	Collins FD-109 Flight Director Retrofit
SA774S0	Litton LTN-211 Omega Navigation
SA1367S0	Sperry Performance Management System Installation
ST426S0	Honeywell Air Data System Installation (-100 A/C)
ST00221AT	11-Channel Flight Recorder Retrofit (C, E)
ST00844AT	Dual Garmin 165 GPS Installation
ST02006AT	18-Channel Flight Recorder Upgrade (E)
ST02843AT	Honeywell Mode S and TCAS Installation (B)
ST02896AT	Thales Kannad ELT Installation
ST02929AT	Artex C406-1 ELT Installation (C, E, B)
ST02995AT	Honeywell Mk VII EGPWS Installation (C, E, B)

## BOEING 737-200

ST00421AT	11-Channel Flight Recorder Retrofit
ST01684AT	Honeywell/Trimble HT 9000 GPS Installation
ST01732AT	Trimble 2101 I/O GPS Installation (A)
ST02096AT	18-Channel Flight Recorder Upgrade

ST02178AT	22-Channel Flight Recorder Upgrade (Aircraft with FDAUs)
ST02716AT	Honeywell EGPWS Installation (E, C, V)
ST02929AT	Artex C406-1 ELT Installation (E, C, A)
ST03014AT	CMA-900 FMS/GPS Installation
ST02761AT	Honeywell ELT Installation (E)

## BOEING 737-300/-400/-500

ST02716AT	Honeywell MK V EGPWS (B, E, C, V)
ST02723AT	Dual GPS Antenna (B, E, C, V)
ST02929AT	Artex C406-1 ELT Installation (B, E, C, V, A, U)
ST02966AT	Honeywell Flight Data Acquisition & Management System Installation (V*)
ST02967AT	Avtech (Motorola) SELCAL System installation (V)
ST03212AT	Active Noise Canceling Headset Installation (E)
ST03227AT	FreeFlight 2101 GPS Installation
ST03345AT	Collins ELS/EHS Installation (E)
ST03346AT	Runway Awareness and Advisory System (RAAS)

## BOEING 737-600/-700/-800/-900

ST02401AT	Honeywell Mode-S and TCAS Installation
ST02408AT	Honeywell RDR-4B Radar / PWS Installation
ST02929AT	Artex C406-1 ELT Installation (C, E, V, A, U)
ST02967AT	Avtech (Motorola) SELCAL System Installation (V)
ST03282AT	Dual Collins HFS-900 Comm System installation (V, E)
ST03283AT	Matsushita Pre-recorded Announcements & Music (V, E)
ST03346AT	Runway Awareness and Advisory System (RAAS)
ST03899AT	Collins SAT-2000 SATCOM (E)
ST03942AT	Collins IGA-2000 SATCOM Antenna
ST03952NY	Collins ACARS with PM-CPDLC (E#)
ST04226AT	LED Lights in Main Cabin (E)
ST04421AT	Honeywell MK II ACARS/Data-Link
ST04427AT	Collins ADS-B Out System (E)
ST04436AT	Collins GLU-2100 MMR Upgrade (E*)

## BOEING 747-100/-200/-300/-400

ST02929AT	Artex Model C406-1 ELT (C, E, V)
ST03637AT	Honeywell MK V EGPWS Installation
ST03734AT	HD-710 High-Speed Data Terminal / High Power Amplifier (V)
ST03973AT	EMTEQ LED Anti Collision Light (ACL)
ST03969AT	Oxygen System Modification
ST04446AT	Collins ADS-B Out System (E*)
Pending	Honeywell MK II ACARS/Data-Link

## BOEING 757-200/-300

ST02761AT	Honeywell ELT Installation (E)
ST02780AT	Honeywell MK V EGPWS Installation (E, C, V)
ST02896AT	Thales Kannad ELT installation (V)
ST02929AT	Artex C406-1 ELT Installation (C, E, V)
ST03253AT	Honeywell MK II ACARS Installation (V, E)
ST03345AT	ELS/EHS Installation (C)
ST03461AT	Runway Awareness and Advisory System (RAAS) (E)
ST03606AT	ICG ICS-120A/-200/-220 Iridium SATCOM (E)
ST03659AT	EMS HSD-400 SATCOM
ST03678AT	Spectralux D-Link + ACARS (E, C)
ST03843AT	Collins ACARS (C)
ST03866AT	Imagik LCD Monitor Replacement
ST04014AT	Honeywell HFR5-V (SSCVR) (C)
ST04124AT	Collins Multi-Scan Dual Weather Radar (C)
ST04194AT	Collins ACARS w/Data-Link (E, C)
ST04420AT	Collins TCAS II, Version 7.1
ST04436AT	Collins GLU-2100 MMR Upgrade (E*)
Pending	Collins ADS-B Out
Pending	Collins ADS-B Out with GPS 4000(S)

## BOEING 767-200/-300

ST02019AT	Interior Reconfiguration (30FC/191TC) (E, B)
ST02761AT	Honeywell ELT Installation (E)
ST02788AT	ACSS T°CAS Provisions
ST02869AT	Interior Reconfiguration (290 Pax, All Tourist) (E)
ST02896AT	Thales Kannad ELT Installation (V)
ST02929AT	Artex Model C406-1 ELT Installation (E, C, V, B)
ST03003AT	Honeywell Mk V EGPWS Installation (B, E, C)
ST03345AT	ELS/EHS Installation (E, C, V)
ST03462AT	Runway Awareness and Advisory System (RAAS) (E)
ST03484AT	Honeywell MCS4000-7000 SATCOM System Installation
ST03485AT	EMS HSD-400 SATCOM System Installation
ST04123AT	ADS-B System Installation (C)
ST04125AT	LED Lights Installation
ST04128AT	Business Class Reconfiguration in the Main Cabin
ST04139AT	Iridium Satellite Communication (SATCOM) (E, C)
ST04140AT	Collins ACARS (includes B767-400ER) (E, C)

ST04142AT	Data-Link Recording Capability Activation
ST04195AT	ACSS ADS-B Out w/CMC Electronics GPS
ST11210SC	LED Cabin Lighting
ST04358AT	Collins ADS-B Out (C, E, B*)
ST04401AT	Honeywell MK II ACARS/Data-Link
ST04442AT	Collins ADS-B OUT with GPS 4000(S) (B*)
ST04436AT	Collins GLU-2100 MMR Upgrade (E*, C*)

## BOEING 777

ST02929AT	Artex C406-1 ELT Installation (E, V)
ST03619AT	Honeywell HD-710 Data Terminal/High Power Amplifier
ST03918AT	Honeywell MCS-7200 SATCOM System (E)
ST03983AT	Cobham HGA-7001 SATCOM Antenna System (E, H, R*)
ST03980AT	Honeywell MCS7147 SATCOM System (E, H, R*)
ST0443AT	Collins GLU-2100 MMR Upgrade (E*)

## BOMBARDIER CRJ-100/-200/-440

ST03655AT	ACARS Data Printer (V)
ST03663AT	Artex Model C406-2 ELT (C, V)
ST03722AT	8.33 kHz Spacing VHF Communication
ST03724AT	Collins FMS-4200
ST03729AT	Avtech SELCAL
ST03732AT	Dual IRS
ST03733AT	Collins HF
ST03906AT	ACL/NAV LED Light Installation (E)
ST03964AT	EMTEQ Tow Guard ACS/NAI

## BOMBARDIER CRJ-700/-900

ST03663AT	Artex Model C406-2 ELT (C, V)
ST04399AT	B/E Aerospace/EMTEQ LED Lavatory Lights

## BOMBARDIER CL-215-1A10

SA99-227	Instl. of Flight Deck Air Cooling System (FAA-ST01425NY)
----------	--

## BOMBARDIER CL-600

SA01-95	Rechargeable Flashlight Instl. (FAA-ST01465NY)
SA02-4	Instl. C93602 Solid State Logo Light (FAA-ST01468NY, E)
SA03-43	Instl. Safe Flight Autopower (Autothrottle) System (FAA-ST01698NY, E)
SA02-29	Instl. of Dunlop Aircraft Tyres (FAA)
SA10-9	Instl. of Water Heater Replacement Kit (E, FAA)
SA10-111	Instl., Flight Deck Stowage Box (FAA-ST02957NY)
SA11-54	Instl., Flap Actuator Heater System
SA06-90	Instl., Complete Custom Aircraft Interior (FAA-ST02637NY)
SA11-89	Mod. to Potable Water Tank Air Supply & Overflow Lines (FAA-ST03050NY)
SA12-21	Instl., Towbarless Towing NLG Sleeve (FAA-ST03365NY)
SA12-12	Improvement of Microwave Compartment Ventilation

## BOMBARDIER DHC-8-102/-103

SA02-6	Instl. of Wing Reinforcement Mod for Ladder Plate (E)
--------	---

## BOMBARDIER DHC-8-100/-200/-300

SA99-216	Instl. of a Ground Power Service Bus (FAA-ST00998NY, E)
SA91-97	Baggage Door Safety Catch (FAA, E)
SA95-67	Instl. Improved Exhaust Outlet Shroud (FAA-ST00389NY, E, J, L, Z, Y, S)
SA99-271	Instl. Crew Oxygen Electrical Pressure Indicating System (FAA, R, N)
SA00-5	Rain Gutter above APU Air Inlet (FAA-ST01172NY, N)
SA00-70	Instl. T/O Configuration Switch & Nose Landing Gear Pin Position Switch (FAA-ST01249NY, K)
SA00-109	Instl. Cold Limit Clamp Kit (FAA-ST01297NY, E, J)
SA01-65	Cabin Recirculation Filtration Addition (FAA-ST01375NY, E, J)
SA01-77	Instl. Improved Aft Jet Pipe Support (FAA-ST01387NY, W)
SA02-5	Improved Exhaust Outlet Shroud (Fingernail) Joint Seal (FAA-ST01484NY)
SA02-127	Instl. Improved Ground Power Current Limiter (FAA-ST01563NY, W, S)
SA98-60	Flight Deck Manual Stowage Box (FAA, R, W, S, T, K)
SA1013NE	Safety Catch Mechanism on Rear Baggage Door
SA99-245	Instl. Crew Oxygen Servicing System (FAA-ST01166NY, W, G, N, R, K, S)
SA11-26	Tail Navigational Light

## BOMBARDIER DHC-8-400

SA99-271	Instl. Crew Oxygen Electrical Pressure Indicating System (FAA-ST01168NY)
SA99-245	Instl. Crew Oxygen Servicing System (FAA-ST01166NY, W, G, N, R, K, S)
SA11-26	Tail Navigational Light
SA10-25	LED Lavatory Light Kit (FAA-ST02949NY)

## BOMBARDIER DHC-8-401/-402

10032519 Instl. LED Lavatory Light System (E)  
SA11-26 Upgrade, Tail Navigation Light (FAA-STO3030NY)-402 Only)

## CASA-212

STO3558AT Collins TCAS 4000 / Dual Mode -S Installation

## DORNIER 328

STO3911AT Honeywell MK V EGPWS Installation

## EMBRAER EMB-120

STO3022AT Sandel ST3400 TAWS Installation (E, B)  
STO3375AT Garmin 165 GPS Installation  
STO2660NY-D Collins TCAS-94  
STO2661NY-D Honeywell CAS-67A TCAS II

## FOKKER F-100

STO2896AT Thales Kannad ELT Installation (E)

## FOKKER F-27

STO2592AT ACSS Dual Mode S and TCAS with TAWS Provisions

## FOKKER F-50

STO2120AT AlliedSignal Mode-S and TCAS Installation

## HAWKER BEECHCRAFT KING AIR

SA03669AT Seat Warmer System Installation (C)

## LOCKHEED 382 E/G

STO2771AT Honeywell EGPWS Installation (E)  
STO2772AT Honeywell Mode S and TCAS (E)  
STO2773AT Honeywell Trimble HT 9000 GPS (E)  
STO3595AT Flight Components LED Anti-Collision Light (ACL)  
Pending Hamilton Sundstrand Electronic Propeller Control System (EPCS)

## LOCKHEED L-1011

SA2827SO Second Litton LTN-211 VLF/OMEGA  
STO0970AT Collins Forward Looking Radar System

## MCDONNELL DOUGLAS DC-6

STO2962AT BFGoodrich 791A TCAS-I Installation  
STO2963AT Collins ALT-55B Radio Altimeter Installation  
STO2965AT Collins PN-101 Compass Installation

## McDONNELL DOUGLAS DC-8

SA155SO Cockpit Voice Recorder Installation  
SA613SO FD-109 Flight Director Retrofit, Speed Command, Air Data and Autothrottle System Installation  
ST449SO Honeywell Air Data System Retrofit

## McDONNELL DOUGLAS DC-9-10/-20/-30/-40/-50

STO2876AT Free Flight 2101 I/O GPS, Universal 640 MFD, ACSS T-CAS  
STO2896AT Thales Kannad ELT Installation (E)  
STO2929AT Artex C406-1 ELT Installation (E)  
STO3735AT 115 VAC LED Wash Light Installation

## McDONNELL DOUGLAS C-9B/VC-9C

STO3481AT Artex Model C406-N ELT Installation

## McDONNELL DOUGLAS DC-10-30

STO2896AT Thales Kannad ELT Installation  
STO2929AT Artex C406-1 ELT Installation (E)

## McDONNELL DOUGLAS KC-10

STO3367AT Dual Artex C406-N ELT Installation

## McDONNELL DOUGLAS MD-11

STO2929AT Artex C406-1 ELT Installation (E)  
STO3516AT Artex C406-N ELT Installation  
STO2896AT Thales Kannad ELT Installation

## McDONNELL DOUGLAS MD-80/-90 SERIES

STO2761AT Honeywell ELT Installation (E)  
STO2896AT Thales Kannad ELT Installation (E)  
STO2928AT Honeywell EGPWS Installation (V)  
STO2929AT Artex C406-1 ELT Installation (E, V)  
STO3276AT Honeywell MK II ACARS Installation (V)  
STO3988AT EMTEQ LED Lights

## PILATUS PC-12

SA03097AT Instl. EMTEQ Interior Lighting and Air Gaspers (C)  
STO3660AT Flight Components LED Position Lights (E, C)  
SA10-9 Relocation Main Battery No. 2 (FAA-SAO2801NY)  
SA10-64 Instl. Supplementary Stowage Compartment  
SA07-40 Instl. Utility Door (FAA-SAO2372NY)  
Pending EMTEQ eConnect IFE  
SA03-10 Replacement Crew Seat Backrest Panel  
STO2377NY Instl. Belly Pod for Provisions Only (ACS-NAI Owned)

## PILATUS PC-6

SA12-17 Installation of Vapor Cycle Air Conditioner System (FAA-SAO3147NY)

## SAAB 340B

STO3497AT ADS-B Installation  
STO3548AT FMS GPS Redundant Signal Installation

## SABRELINER

STO4183AT Honeywell CAS-100B TCAS 7.1

## SHORTS 360

STO3536AT UNS-1L FMS/GPS Installation

### EQUIPMENT APPROVALS

SP97-1 Dowty Rotor Propeller Model CR212/4-30-4/22 with Dowty Rotor Part Number RA25953 Blades (FAA)

### FAA APPROVED MODEL LIST (AML)

STO2761AT Honeywell RESCU 406AF ELT  
STO2896AT Thales/Kannad 406AF ELT (E)  
STO2929AT Artex Model C406-1 ELT (E, V)  
STO3345AT ELS/EHS Installation  
STO3394AT DMP-100/200 Digital Media Player (Cabin Briefer) (E)  
STO3663AT Artex Model C406-2 ELT (C, V)  
STO4436AT Collins GLU-2100 MMR Upgrade (E\*)

### STC VALIDATION DESIGNATORS

Z:	Angola	P:	France
A:	Argentina	G:	Germany
L:	Australia	H:	Hong Kong
W:	Austria	J:	Japan
B:	Brazil	N:	Netherlands
C:	Canada	R:	Norway
V:	China	S:	Spain
T:	Croatia	K:	U.K.
E:	EASA	U:	Ukraine
Y:	Egypt		

(Country\*) = validation pending.

(Country#) = 365 Aerospace EASA STC, FAA validated.

All STCs shown in black are FAA approved.

All STCs shown in teal are TCCA approved.

Other approvals as noted.

To learn more, go to

[collinsaerospace.com/STC-Interiors](http://collinsaerospace.com/STC-Interiors)

### Collins Aerospace

+1.262.679.6170

fax: +1.262.679.6175

LIS\_Sales@beaerospace.com

[collinsaerospace.com](http://collinsaerospace.com)

