



United States of America  
Department of Transportation  
Federal Aviation Administration

## Supplemental Type Certificate

Number: ST04139RT

This certificate issued to: B/E Aerospace  
3110 Commerce Parkway  
Miramar, FL 33025

# SUPPLEMENTAL TYPE CERTIFICATES

Lighting &  
Integrated Systems



## COMPREHENSIVE PRODUCT & SERVICE EXPERTISE

B/E Lighting & Integrated Systems is a trusted resource in the aviation industry for engineering, design, and certification. Our experienced FAA, Transport Canada, and EASA representatives provide comprehensive certification solutions for your program requirements. We offer customized integration engineering and other required multinational approvals. B/E Aerospace holds nearly 200 FAA, TCCA, EASA, and other CAA certifications on more than 50 platforms. Trust B/E Aerospace to be a reliable certification developer.



## PLATFORM EXPERIENCE

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



## ADDITIONAL SERVICES

- FAA DER, DAR, DMIR services
- PMA approvals and consulting
- Installations and parts certifications
- Avionics and electrical system design
- Occupant Safety Assessment
- Flammability testing
- Aircraft structures stress and damage tolerance analysis
- Interior Engineering
- EASA Form 1 airworthiness tags
- EASA POA Facility Installation Kit provisions

See the ICA documentation & configuration guides on our website at [emteq.com/stc](http://emteq.com/stc)



### STC Validation Designators

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

(Country \*) = Validation Pending. All STCs shown in black, are FAA approved. Other approvals as noted.  
 All STCs shown in blue are TCCA approved. Other approvals as noted.

## 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)
ST02929AT	Artex Model C406-1 ELT Installation
ST02994AT	Honeywell EGPWS Installation, A300B4-600 (V)

## 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)

Pending	Rockwell Collins ADS-B Out
Pending	Honeywell K/Ka Bank SATCOM

## AIRBUS A330

ST03892AT	Imagik Monitor Replacement (B)
ST04220AT	Tapstry Lights (B, E)

## Airbus helicopter DAUPHIN AS-365

SP03675AT	Honeywell Solid State Cockpit Voice Flight Data Recorder (SSCFDR)
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## 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
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## ATR 42/72

ST03846AT	Electronic Flight Bag (EFB) & WSI Weather Briefing (C, E)
ST03912AT	ACCS Mode-S, TCAS + FICAS

## BAE JETSTREAM 31/32

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

## BAE JETSTREAM 41

ST03394AT	DMP100-/200 Digital Media Player (Cabin Briefer) (E)
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## BEECHCRAFT 1900

SA1380	Sundstrand MK VI GPWS Installation
SA1480	Rockwell 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
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## 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 727

SA16150	Radio Altimeter
SA60450	Rockwell Collins FD-109 Flight Director Retrofit
SA77450	Litton LTN-211 Omega Navigation
SA136750	Sperry Performance Management System Installation
ST42650	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 V/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

## 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)

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	Rockwell 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)
ST02967AT	Avtech (Motorola) SELCAL System Installation (V)
ST03282AT	Dual Rockwell Collins HFS-900 Comm System installation (V, E)
ST03283AT	Matsushita Pre-recorded Announcements & Music (V)
ST03346AT	Runway Awareness and Advisory System (RAAS)
ST03899AT	Rockwell Collins SAT-2000 SATCOM (E)
ST03942AT	Rockwell Collins IGA-2000 SATCOM Antenna
ST04226AT	LED Lights in Main Cabin (E)
Pending	Honeywell MK II ACARS/Data-Link
Pending	ACARS/Collins
Pending	B/E Aerospace eHT lighting

## 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
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
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	Rockwell Collins ACARS (C)
ST03866AT	Imagik LCD Monitor Replacement
ST04014AT	Honeywell HFR5-V (SSCVR) (C)
ST04124AT	Collins Multi-Scan Dual Weather Radar
ST04194AT	Collins ACARS w/Data-Link (E)

## BOEING 767-200/-300

ST02019AT	Interior Reconfiguration (30FC/191TC) (E, B)
ST02761AT	Honeywell ELT (E)
ST02788AT	ACSS F <sup>2</sup> CAS Provisions
ST02869AT	Interior Reconfiguration (290 Pax, All Tourist) (E)
ST02896AT	Thales Kannad ELT Installation
ST02929AT	Artex C406-1 ELT (E, C, V, B)
ST03003AT	Honeywell Mk V EGPWS Installation(E, B, 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
ST04125AT	LED Lights Installation
ST04128AT	Business Class Reconfiguration in the Main Cabin
ST04139AT	Iridium Satellite Communication (SATCOM)
ST04140AT	Rockwell Collins Aircraft Communication (ACARS)
ST04142AT	Data-Link Recording Capability Activation
ST04195AT	ACSS ADS-B Out w/CMC Electronics GPS
ST11210SC	LED Cabin Lighting
Pending	Honeywell MK II ACARS/Data-Link
ST04358AT	Rockwell Collins ADS-B Out

## 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)
ST03980AT	Honeywell MCS7147 SATCOM System (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	Rockwell Collins FMS-4200
ST03729AT	Avtech SELCAL
ST03732AT	Dual IRS
ST03733AT	Rockwell Collins HF
ST03906AT	ACL/NAV LED Light Installation (E)
ST03964AT	EMTEQ Tow Guard ACS/NAI

## BOMBARDIER CRJ-700

ST03663AT	Artex Model C406-2 ELT (C, V)
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## BOMBARDIER CRJ-900

ST03663AT	Artex Model C406-2 ELT (C)
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## BOMBARDIER CL-215-1A10

SA99-227	Instl. of Flight Deck Air Cooling System (FAA-ST01425NY)
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## 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)
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## 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-ST03030NY)(-402 Only)

## CASA-212

ST03558AT	Rockwell Collins TCAS 4000 / Dual Mode -S Installation
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## DORNIER 328

ST03911AT	Honeywell MK V EGPWS Installation
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## EMBRAER EMB-120

ST03022AT	Sandel ST3400 TAWS Installation (E, B)
ST03375AT	Garmin 165 GPS Installation
ST02660NY-D	Collins TCAS-94
ST02661NY-D	Honeywell CAS-67A TCAS II

## FOKKER F-100

ST02896AT	Thales Kannad ELT Installation (E)
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## FOKKER F-27

ST02592AT	ACSS Dual Mode S and TCAS with TAWS Provisions
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## FOKKER F-50

ST02120AT	AlliedSignal Mode-S and TCAS Installation
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## HAWKER BEECHCRAFT KINGAIR

SA03669AT	Seat Warmer System Installation (C)
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## LOCKHEED 382 E/G

ST02771AT	Honeywell EGPWS Installation (E)
ST02772AT	Honeywell Mode S and TCAS (E)
ST02773AT	Honeywell Trimble HT 9000 GPS (E)
ST03595AT	Flight Components LED Anti-Collision Light (ACL)
Pending	Hamilton Sundstrand Electronic Propeller Control System (EPCS)

## LOCKHEED L-1011

SA282750	Second Litton LTN-211 VLF/OMEGA
ST00970AT	Rockwell Collins Forward Looking Radar System

## MCDONNELL DOUGLAS DC-6

ST02962AT BFGoodrich 791A TCAS-1 Installation  
ST02963AT Rockwell Collins ALT-55B Radio Altimeter Installation  
ST02965AT Rockwell Collins PN-101 Compass Installation

## McDONNELL DOUGLAS DC-8

SA15550 Cockpit Voice Recorder Installation  
SA61350 FD-109 Flight Director Retrofit, Speed Command, Air Data and  
Autothrottle System Installation  
ST44950 Honeywell Air Data System Retrofit

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

ST02876AT Free Flight 2101 V/D GPS, Universal 640 MFD, ACSS TCAS  
ST02896AT Thales Kannad ELT Installation (E)  
ST02929AT Artex C406-1 ELT Installation (E)  
ST03735AT 115 VAC LED Wash Light Installation

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

ST03481AT Artex Model C406-N ELT Installation

## McDONNELL DOUGLAS DC-10-30

ST02896AT Thales Kannad ELT Installation  
ST02929AT Artex C406-1 ELT Installation (E)

## McDONNELL DOUGLAS KC-10

ST03367AT Dual Artex C406-N ELT Installation

## McDONNELL DOUGLAS MD-11

ST02929AT Artex C406-1 ELT Installation (E)  
ST03516AT Artex C406-N ELT Installation  
ST02896AT Thales Kannad ELT Installation

## McDONNELL DOUGLAS MD-80/-90 SERIES

ST02761AT Honeywell ELT Installation (E)  
ST02896AT Thales Kannad ELT Installation (E)  
ST02928AT Honeywell EGPWS Installation (V)  
ST02929AT Artex C406-1 ELT Installation (E, V)  
ST03276AT Honeywell MK II ACARS Installation (V)  
ST03988AT EMTEQ LED Lights

## PILATUS PC-12

SA03097AT Instl. EMTEQ Interior Lighting and Air Gaspers (C)  
ST03660AT Flight Components LED Position Lights (E, C)  
SA10-9 Relocation Main Battery No. 2 (FAA-SA02801NY)  
SA10-64 Instl. Supplementary Stowage Compartment  
SA07-40 Instl. Utility Door (FAA-SA02372NY)  
Pending EMTEQ eConnect IFE  
SA03-10 Replacement Crew Seat Backrest Panel  
ST02377NY Instl. Belly Pod for Provisions Only (ACS-NAI Owned)

## PILATUS PC-6

SA12-17 Installation of Vapor Cycle Air Conditioner System (FAA-SA03147NY)

## SAAB 340B

ST03497AT ADS-B Installation  
ST03548AT FMS GPS Redundant Signal Installation

## Sabreliner

ST04183AT Honeywell CAS-100B TCAS 7.1

## SHORTS 360

ST03536AT UNS-1L FMS/GPS Installation



## EQUIPMENT APPROVALS

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

## FAA APPROVED MODEL LIST (AML)

ST02761AT	Honeywell RESCU 406AF ELT
ST02896AT	Thales / Kannad 406AF ELT (E)
ST02929AT	Artex Model C406-1 ELT (E, V)
ST03345AT	ELS/EHS Installation
ST03394AT	DMP-100/200 Digital Media Player (Cabin Briefer) (E)

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