



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



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

STO0932AT	Video Entertainment System
STO1001AT	Dual Honeywell/Trimble HT9000 GPS
STO2022AT	Dual Canadian Marconi CMA-900 GPS/FMS
STO2297AT	Flight Recorder System Upgrade (FAR 121.344/129.20) (E)
STO2929AT	Artex Model C406-1 ELT Installation
STO2994AT	Honeywell EGPWS Installation, A300B4-600 (V)

AIRBUS A310

STO2896AT	Thales Kannad ELT Installation
STO2929AT	Artex C406-1 ELT Installation

AIRBUS A318/319/320/321

STO2896AT	Thales Kannad ELT Installation (A319/320/321 only) (E,V)
STO3916AT	TEAC/Goodrich Digital Audio Reproducer & Digital Video Reproducer for the Passenger Entertainment System (PES) (B, A, E)
STO4362AT	Rockwell Collins ADS-B Out (A319/320/321 only) (E)

AIRBUS A330

STO3892AT	Imagik Monitor Replacement (B)
STO4220AT	Tapstry Lights (B, E)
Pending	Rockwell Collins ADS-B Out

Airbus helicopter DAUPHIN AS-365

SPO3675AT	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

STO3846AT	Electronic Flight Bag (EFB) & WSI Weather Briefing (C, E)
STO3912AT	ACCS Mode-S, TCAS + TCAS

BAE JETSTREAM 31/32

STO2929AT	Artex Model C406-1 ELT Installation (E)
SAO3020AT	Sandel ST3400 TAWS Installation (E, C)
STO3269AT	Honeywell CAS-67A TCAS II with MST-67A Mode S (E)

BAE JETSTREAM 41

STO3394AT	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
SAO2821AT	Sandel ST3400 TAWS Installation (C, E)
STO2793AT	Honeywell EGPWS Installation(C, E)
STO2794AT	Garmin G-400 GPS (C)
SA01-31	LED Indicating Light System (FAA-SA01467NY)

BEECHJET 400A

STO3330AT	Installation of EMTEQ LED Lighting
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BOEING 707

STO1329AT	AlliedSignal RDR-4B Predictive Windshear/Radar System Installation
STO1330AT	11-Channel Digital Flight Data Recorder Installation (B)
STO2929AT	Artex Model C406-1 ELT Installation

BOEING 717

Pending	Rockwell Collins GLU-925 MMR Upgrade
Pending	Rockwell Collins ADS-B Out System

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)
STO0221AT	11-Channel Flight Recorder Retrofit (C, E)
STO0844AT	Dual Garmin 165 GPS Installation
STO2006AT	18-Channel Flight Recorder Upgrade (E)
STO2843AT	Honeywell Mode S and TCAS Installation (B)
STO2896AT	Thales Kannad ELT Installation
STO2929AT	Artex C406-1 ELT Installation(C, E, B)
STO2995AT	Honeywell Mk VII EGPWS Installation (C, E, B)

BOEING 737-200

STO0421AT	11-Channel Flight Recorder Retrofit
STO1684AT	Honeywell/Trimble HT 9000 GPS Installation
STO1732AT	Trimble 2101 I/O GPS Installation (A)
STO2096AT	18-Channel Flight Recorder Upgrade
STO2178AT	22-Channel Flight Recorder Upgrade (Aircraft with FDAUs)
STO2716AT	Honeywell EGPWS Installation (E, C, V)
STO2929AT	Artex C406-1 ELT Installation (E, C, A)
STO3014AT	CMA-900 FMS/GPS Installation
STO2761AT	Honeywell ELT Installation

BOEING 737-300/-400/-500

STO2716AT	Honeywell MK V EGPWS (B, E, C, V)
STO2723AT	Dual GPS Antenna (B, E, C, V)
STO2929AT	Artex C406-1 ELT Installation (B, E, C, V, A, U)
STO2966AT	Honeywell Flight Data Acquisition & Management System Installation (V*)
STO2967AT	Avtech (Motorola) SELCAL System installation (V)
STO3212AT	Active Noise Canceling Headset Installation (E)
STO3227AT	FreeFlight 2101 GPS Installation
STO3345AT	Rockwell Collins ELS/EHS Installation (E)
STO3346AT	Runway Awareness and Advisory System (RAAS)

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

STO2401AT	Honeywell Mode-S and TCAS Installation
STO2408AT	Honeywell RDR-4B Radar / PWS Installation
STO2929AT	Artex C406-1 ELT Installation (C, E, V, A, U)
STO2967AT	Avtech (Motorola) SELCAL System Installation (V)
STO3282AT	Dual Rockwell Collins HFS-900 Comm System installation (V, E)
STO3283AT	Matsushita Pre-recorded Announcements & Music (V)
STO3346AT	Runway Awareness and Advisory System (RAAS)
STO3899AT	Rockwell Collins SAT-2000 SATCOM (E)
STO3942AT	Rockwell Collins IGA-2000 SATCOM Antenna
STO4226AT	LED Lights in Main Cabin (E)
Pending	Honeywell MK II ACARS/Data-Link
Pending	B/E Aerospace eFIT lighting

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

STO2929AT	Artex Model C406-1 ELT (C, E, V)
STO3637AT	Honeywell MK V EGPWS Installation
STO3734AT	HD-710 High-Speed Data Terminal / High Power Amplifier (V)
STO3973AT	EMTEQ LED Anti Collision Light (ACL)
STO3969AT	Oxygen System Modification
Pending	Honeywell MK II ACARS/Data-Link

BOEING 757-200/-300

STO2761AT	Honeywell ELT Installation (E)
STO2780AT	Honeywell MK V EGPWS Installation (E, C, V)
STO2896AT	Thales Kannad ELT installation
STO2929AT	Artex C406-1 ELT Installation(C, E, V)
STO3253AT	Honeywell MK II ACARS Installation (V, E)
STO3345AT	ELS/EHS Installation (C)
STO3461AT	Runway Awareness and Advisory System (RAAS) (E)
STO3606AT	ICG ICS-120A-/200-/220 Iridium SATCOM (E)
STO3659AT	EMS HSD-400 SATCOM
STO3678AT	Spectralux D-Link + ACARS (E, C)
STO3843AT	Rockwell Collins ACARS (C)
STO3866AT	Imagik LCD Monitor Replacement
STO4014AT	Honeywell HFRS-V (SSCVR) (C)
STO4124AT	Collins Multi-Scan Dual Weather Radar
STO4194AT	Collins ACARS w/Data-Link (E)
Pending	Rockwell Collins TCAS II, Version 7.1

BOEING 767-200/-300

STO2019AT	Interior Reconfiguration (30FC/191TC) (E, B)
STO2761AT	Honeywell ELT (E)
STO2788AT	ACSS TCAS Provisions
STO2869AT	Interior Reconfiguration (290 Pax, All Tourist) (E)
STO2896AT	Thales Kannad ELT Installation
STO2929AT	Artex C406-1 ELT (E, C, V, B)
STO3003AT	Honeywell Mk V EGPWS Installation(E, B, C)
STO3345AT	ELS/EHS Installation (E, C, V)
STO3462AT	Runway Awareness and Advisory System (RAAS) (E)
STO3484AT	Honeywell MCS4000-7000 SATCOM System Installation
STO3485AT	EMS HSD-400 SATCOM System Installation
STO4123AT	ADS-B System Installation
STO4125AT	LED Lights Installation
STO4128AT	Business Class Reconfiguration in the Main Cabin
STO4139AT	Iridium Satellite Communication (SATCOM) (E, C)
STO4140AT	Rockwell Collins ACARS (includes B767-400ER) (E, C)
STO4142AT	Data-Link Recording Capability Activation
STO4195AT	ACSS ADS-B Out w/CMC Electronics GPS
ST112105C	LED Cabin Lighting
Pending	Honeywell MK II ACARS/Data-Link
STO4358AT	Rockwell Collins ADS-B Out

BOEING 777

STO2929AT	Artex C406-1 ELT Installation (E, V)
STO3619AT	Honeywell HD-710 Data Terminal/High Power Amplifier
STO3918AT	Honeywell MCS-7200 SATCOM System (E)
STO3983AT	Cobham HGA-7001 SATCOM Antenna System (E)
STO3980AT	Honeywell MCS7147 SATCOM System (E)

BOMBARDIER CRJ-100/-200/-440

STO3655AT	ACARS Data Printer (V)
STO3663AT	Artex Model C406-2 ELT (C, V)
STO3722AT	8.33 kHz Spacing VHF Communication
STO3724AT	Rockwell Collins FMS-4200

STO3729AT	Avtech SELCAL
STO3732AT	Dual IRS
STO3733AT	Rockwell Collins HF
STO3906AT	ACL/NAV LED Light Installation (E)
STO3964AT	EMTEQ Tow Guard ACS/NAI

BOMBARDIER CRJ-700/-900

STO3663AT	Artex Model C406-2 ELT (C, V)
STO4399AT	LAV Light

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

STO3558AT	Rockwell Collins TCAS 4000 / Dual Mode-S Installation
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DORNIER 328

STO3911AT	Honeywell MK V EGPWS Installation
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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

EUROCOPTER DAUPHIN AS-365

SPO3675AT	Honeywell Solid State Cockpit Voice Flight Data Recorder Install
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FOKKER F-100

STO2896AT	Thales Kannad ELT Installation (E)
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FOKKER F-27

STO2592AT	ACSS Dual Mode S and TCAS with TAWS Provisions
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FOKKER F-50

STO2120AT	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

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)

Continued on back...

LOCKHEED L-1011

SA2827SO Second Litton LTN-211 VLF/OMEGA
ST00970AT Rockwell Collins Forward Looking Radar System

MCDONNELL DOUGLAS DC-6

ST02962AT BFGoodrich 791A TCAS-I 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 Rotal Propeller Model CR212/4-30-4/22 with Dowty Rotal 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)
ST03663AT Artex Model C406-2 ELT (C, V)

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Lighting &
Integrated Systems



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