FIELD AEROSPACE

SPECIAL MISSION AIRCRAFT & MODIFICATION LIST

Field Aerospace makes ordinary aircraft extraordinary, delivering innovative, cost-effective and reliable special mission aircraft & custom modification solutions worldwide.

Our team of aerospace, mechanical and systems engineers design, analyze, test and certify our solutions, while our production team manufactures and installs them, with excellence gained from decades of experience. We produce leading-edge avionics modifications keep aircraft productive, profitable and technologically advanced. Interior modifications can also be offered seamlessly transforming airliners into special mission, VIP/corporate shuttles, and passenger to cargo conversions. One of the advantages of using our services is that our in house Transport Canada Design Approval Organization (DAO) helps to reduce many of the delays found in design and certification programs offered by other modification centers.

Below is a listing of most of the modifications that Field Aerospace has designed and certified via Transport Canada (TC) STC, and in many cases are also approved by the FAA and/or EASA. Field Aerospace has also developed and obtained numerous TC/FAA/EASA design certifications applicable to single serial number aircraft for specific modifications which may not be included in this catalogue. These approved designs offer the groundwork to achieve additional design approvals for subsequent aircraft saving time and money for new customers.

Field Aerospace can work on any aircraft type and have existing relationships with most OEMs.

If you find that any of the products listed need to be adjusted to suit your specific needs, or are needed for a different aircraft type, please contact us to see what we can do to meet your needs. Field Aerospace would also be interested in developing and certifying new modifications or products to fit your requirements.

Special Mission Aircraft

Aircraft Type	Description	STC
Beech 1900	Taiwan Air Force EFIS Aircraft	
Challenger 604	Australian Maritime Safety Agency Patrol Aircraft	O-LSA15-135/D
Challenger 604	Boeing Military Aircraft Maritime Surveillance Aircraft	
Challenger 604	Royal Danish Air Force Maritime Patrol Aircraft	
DHC-8 100	Transport Canada Maritime Patrol Aircraft	O-LSA08-011
DHC-8 100	Blue Bird Special Mission Modifications	O-LSA13-026/D
DHC-8 200	Australian (Coast Watch 1) Maritime Patrol Aircraft	O-LSA96-061
DHC-8 200	Australian (Coast Watch 2) Maritime Patrol Aircraft	O-LSA00-133
DHC-8 200	SNC - Mission System Modifications	O-LSA12-106/D
DHC-8 200	NAVMAR Mission System Provisions	O-LSA13-42/D
DHC-8 200/300	Australian (Coast Watch 3) Maritime Patrol Aircraft	O-LSA06-027
DHC-8 200/300	US Customs & Border Protection Aircraft	SA04-96 (ST02050NY)
DHC-8 300	Japan Flight Inspection Aircraft	SA06-78
DHC-8 300	Swedish Coast Guard Maritime Patrol Aircraft	SA07-80
DHC-8 300	Japan Coast Guard Maritime Patrol Aircraft	SA08-76
DHC-8 300	Icelandic Coast Guard Maritime Patrol Aircraft	SA09-15
King Air 300	Ecuador Navy Maritime Patrol Aircraft	
King Air 90	Japan Atmospheric Research Survey Aircraft	
Mil Mi17	Egypt Air Force ISR Rotorcraft	

CRJ Series

Avionics Modifications

CRJ 100/200/700	Fuel Panel Metric / Imperial Conversion	SA03-39
CRJ 200	Telex Airman 750 Crew Headsets	SA01-142
CRJ 200	Quick Access Recorder Dassault 1374-200-002	SA01-144
CRJ 200	Fairchild CVR Retrofit	SA01-150

Aircraft Modifiers To The World

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CRJ 200	Collins HF9000 Radio System	SA02-143
CRJ 200	Dual Collins VHF422C with 8.33 KHz	SA02-144
CRJ 200	Collins CMU900 ACARS Data Link System	SA02-145
CRJ 200	Second Collins ALT55B Radio Altimeter System	SA02-62
CRJ 700	Collins CMU900 and Miltope TP4429 Printer	SA01-102
CRJ 700	TWR850 Weather Radar Upgrade	SA04-83

Structural & System Modifications

CRJ 200	EROs Crew Oxygen Masks/Smoke Goggles	SA01-141
CRJ 200	Cabin Class Divider	SA01-52
CRJ 200	Britax Oven	SA03-3
CRJ 700	Cargo Door (60" x 72")	

Interior Modifications

| CRJ 200 | VIP Interior | |
| CRJ 700 | Quick Change VIP/ Cargo Combi EmPower In-Seat AC Power System | SA18-126 |

DHC-8 Series

Avionics Modifications

DHC-8 100	P660 Weather Radar with MFD-640	O-LSA14-013/D (ST03457NY)
DHC-8 100/200/300	Enhanced Ground Proximity Warning System (EGPWS)	SA00-124 (ST01646NY)
DHC-8 100/200/300	KHF950 Vertical Stabilizer Leading Edge Antenna	SA02-86
DHC-8 100/200/300	FreeFlight JetCall-5 Selcal	SA03-28
DHC-8 100/200/300	Universal Terrain Awareness Warning System	SA04-10 (ST02038NY)
DHC-8 100/200/300	Universal Dual UNS-1E FMS	SA04-11 (ST02030NY)
DHC-8 100/200/300	Dual Mode-S Elementary Surveillance Transponder System	SA04-125 (ST02316NY)
DHC-8 100/200/300	Honeywell Mk VIII EGPWS Override Control	SA04-87
DHC-8 100/200/300	Universal UL-701 Unilink & Miltope Printer	SA04-9 (ST02040NY)
DHC-8 100/200/300	Sky Connect Fleet Tracker System	SA05-67 (EASA.IM.A.S.01788)
DHC-8 100/200/300	Three Frequency ELT	SA05-73 (ST02934NY)
DHC-8 100/200/300	Collins HF 9000D HF Comm System	SA06-63 (ST02317NY)
DHC-8 100/200/300	400 AMP APU Starter-Generator and Generator Control Unit	SA06-64 (ST02310NY)
DHC-8 100/200/300	Dual Universal UNS-IF Multi-Mission Management System	SA06-65 (ST02313NY)
DHC-8 100/200/300	Chelton HGA7000 Satcom Antenna	SA08-60
DHC-8 100/200/300	UNS-1Ew Flight Management System	SA10-51 (ST03261NY)
DHC-8 100/200/300	EFI-890R Flight Deck Modernization	SA11-27 (ST03325NY)
DHC-8 100/200/300	Dual Universal 4120 Radio Control Units	SA13-64 (ST03468NY)
DHC-8 100/200/300	Single & Dual UNS-1C Installation EFIS & Non-EFIS	SA97-28 (ST00766NY)
DHC-8 100/200/300	Collins TCAS II & Dual Mode S Transponder	SA98-72 (ST00970NY)
DHC-8 100/200/300	Universal FMS Solid State Data Transfer Unit Installation	SA99-12 (ST00958NY)
DHC-8 200/300	Honeywell AHRS to SFIM APIRS System Conversion Provision.	C-LSA08-056/D
DHC-8 200/300	Ultra Electronics ANVC & PBM	SA00-2 (ST01378NY)
DHC-8 300	WAAS/SBAS Flight Management System Upgrade (UNS-1Fw)	SA11-25 (ST03065NY)
DHC-8 300	No. 2 Radio Altimeter	SA94-124
DHC-8 400	Solid State Data Transfer Unit	SA09-84

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DHC-8 400	EMS Iridium SkyConnect Sat Phone (VIP Configuration)	SA10-106
DHC-8 400	Sky Connect Fleet Tracker System	SA10-49
DHC-8 400	2nd Honeywell Primus HF-1050	SA10-94
DHC-8 202	Universal 4120 Radio Control Units, Dual Collins VHF22C(8.33Khz) upgrade, 2nd Collins ADF-60A, Dual Collins TDR94D Transponder Upgrade and a single Collins TCAS-94 (Change 7) upgrade	O-LSA11-147/D

Structural & System Modifications

DHC-8 100/200	Aft Cabin Bulkhead Replacement	SA10-68
DHC-8 100/200/300	AERAZUR Flashboot Installation	SA03-98 (ST01891NY)
DHC-8 100/200/300	Air Operable Door	SA06-21 (ST03120NY)
DHC-8 100/200/300	Auxiliary (Long Range) Fuel Tanks	SA11-64 (ST03382NY)
DHC-8 100/200/300	External Door Locks	SA96-113 (ST00585NY)
DHC-8 100/200/300	Auxiliary Power Unit Installation	SA97-39
DHC-8 100/200/300	Auxiliary Power Unit (APU) Removal	SA98-30 (ST00801NY)
DHC-8 100/200/300	Passenger Window Blinds	SA98-48 (ST00868NY)
DHC-8 100/200/300	AERAZUR Engine Inlet De-Icer Boots	SA99-261 (ST01200NY)
DHC-8 200	Max Take Off Weight Increase to 37,300 lbs	SA05-8 (ST02083NY)
DHC-8 300	Right Hand Ground Air Connection	SA94-131
DHC-8 300	Emergency Passenger Drop Down Oxygen Installation	SA96-44
DHC-8 300	Cabin Class Divider	SA01-50 (EASA ACG21NE.050)
DHC-8 300	Ditching Dam Removal	SA02-91 (ST01569NY)
DHC-8 400	Cabin Class Divider	SA01-55 (EASA IM.A.S.03017)
DHC-8 400	External Door Locks	SA09-4 (ST02706NY)
DHC-8 400	Cockpit Door Hold Open Latch	SA11-42 (ST03026NY)
DHC-8 400	Auxiliary Power Unit (APU) Removal	SA11-37
DHC-8 101/103/ 106/201/202/315	Installation & removal of Dual Auxiliary Air Conditioning System	SA97-54

Interior Modifications

DHC-8 Series	EmPower In-Seat AC Power System	
DHC-8 100/200/300	VIP Interior	
DHC-8 400	G3 Galley Convection Ovens	
DHC-8 400	VIP Interior	

Other Aircraft Types

Structural & System Modifications

AS332L/L1/L2	Long Range Fuel Seat Tank	SH88-1
EMB 120	Cargo Door Baggage Restraint	SA97-65

Interior Modifications

Fokker 100	VIP Interior	

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