

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number H51R588Y

This certificate is issued to
AIRCRAFT MAINTENANCE AND MANAGEMENT COMPANY

whose business address is

12420 EAST CONTROL TOWER ROAD
ENGLEWOOD, COLORADO 80112

*upon finding that its organization complies in all respects
with the requirements of the Federal Aviation Regulations
relating to the establishment of an Air Agency, and is
empowered to operate an approved REPAIR STATION.*

with the following ratings:

LIMITED ACCESSORIES
LIMITED AIRFRAME
LIMITED POWERPLANT
LIMITED INSTRUMENT
LIMITED RADIO

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect*

Date issued:

JUNE 8, 2001

(Reissued May 9, 2003)

By direction of the Administrator

JACK GROSSMAN

MANAGER, DENVER FSDO

This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF,
SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both

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A001 . Issuance and Applicability

HQ Control: 01/31/2012

HQ Revision: 05d

a. These operations specifications are issued to AIRCRAFT MAINTENANCE AND MANAGEMENT COMPANY, a Repair Station located in the United States, pursuant to 14 CFR Part 145, § 145.53. The repair station certificate holder shall conduct operations in accordance with 14 CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
12420 East Control Tower Road
Englewood, Colorado 80112

Mailing Address:
12420 East Control Tower Road
Englewood, Colorado 80112

b. The holder of these operations specifications is the holder of certificate number H51R588Y and shall hereafter be referred to as the "certificate holder".

c. These operations specifications are issued as part of this repair station certificate and are in effect as of the date approval is effective. This certificate and these operations specifications shall remain in effect until the certificate for a repair station that is located in the United States is surrendered, suspended, or revoked.

d. The repair station specified on these operations specifications and located within the United States performs maintenance and/or an alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of the U.S./EC Safety Agreement, Annex 2, Maintenance, between the FAA and the EC.

e. The certificate holder is authorized to conduct the operations described in subparagraph a under the following other business names:

Haggan Aviation

Delegated authorities: None

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Howard Harris, Principal Maintenance Inspector (NM03)
[1] EFFECTIVE DATE: 10/19/2012, [2] AMENDMENT #: 4
DATE: 2012.10.19 10:33:57 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Yorkk R Swick 12/6/12
Swick, Yorkk R, General Manager Date

A002 . Definitions and Abbreviations

HQ Control: 01/12/2012

HQ Revision: 05b

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in 14 CFR and 49 U.S.C., as cited in Public Law 103-272, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications.

BASA	The Bilateral Aviation Safety Agreement (BASA) is an executive agreement concluded between the United States and a foreign country for the purpose of promoting aviation safety; also known as an Agreement for the Promotion of Aviation Safety.
Certificate Holder	In these operations specifications, the term "certificate holder" means the holder of the repair station certificate described in these operations specifications in Part A paragraph A001 and any of its officers, employees, or agents used in the conduct of operations under this certificate.
CFR	Code of Federal Regulations
Class rating	As used with respect to the certification, ratings, privileges, and limitation of aircraft within a category having similar operating characteristics.
EASA	European Aviation Safety Agency
EASA Accountable Manager	The manager who has corporate authority for ensuring that all maintenance required by the customer can be financed and carried out to the standard required by the EASA full-member Authority.
Exemption	An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of 14 CFR Part 11.
FAA Accountable Manager	A person designated by the certificated repair station who is responsible for and has authority over all repair station operations that are conducted under 14 CFR Part 145, including ensuring that the repair station's personnel follow the regulations and serving as the primary contact with the FAA.
Geographic Authorization	An approval provided to a repair station located outside the United States to perform maintenance support under contract for a U.S. air carrier (or an operator of U.S.- registered aircraft under 14 CFR Part 129) at a location other than the repair station facility. A geographic authorization is issued by the FAA to respond to a U.S. air carrier's or Part 129 foreign operator's need for maintenance at a station where the frequency and scope of that maintenance does not

	warrant permanently staffing and equipping the station for its accomplishment.
Limited Rating	A rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts.
Limited Ratings - Specialized Services	Rating issued for a special maintenance function when the function is performed in accordance with a specification approved by the Administrator.
Line Maintenance	Any unscheduled maintenance resulting from unforeseen events, or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.
MAG	The Maintenance Annex Guidance (MAG) defines the process that the FAA and EASA undertake in the inspection, findings of compliance certification, and monitoring of repair stations, as well as their joint cooperation in quality assurance and standardization activities in support of the Agreement, Annex 2, Maintenance.
Maintenance	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
U.S./EC Aviation Safety Agreement, Annex 2, Maintenance	Annex 2 covers the reciprocal acceptance of findings of compliance, approvals, documentation and technical assistance regarding approvals and the monitoring of repair stations/maintenance organizations.
MIP	Maintenance Implementation Procedures (MIP) are procedures for implementing the provisions of a BASA that apply to maintenance.
MOE	A maintenance organization exposition (MOE) pertains to EASA member countries that use an MOE in place of a Repair Station Manual (RSM) and a Quality Control Manual (QCM).
Preventive Maintenance	As defined in 14 CFR part 1 and part 43 appendix A, subparagraph (c).
QCM	Quality Control Manual
Repair Station located in the United States	A certificated repair station located in the United States.
Repair Station located outside the United States	A certificated repair station located outside of the United States.
RSM	Repair Station Manual

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Howard Harris, Principal Maintenance Inspector (NM03)
[1] EFFECTIVE DATE: 10/19/2012, [2] AMENDMENT #: 4
DATE: 2012.10.19 10:33:59 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Yorkk R Swick
Swick, Yorkk R, General Manager

12/6/12
Date

A003 . Ratings and Limitations

HQ Control: 01/30/2004

HQ Revision: 010

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

None Authorized

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	Lear	Models 20 through 36, 45, 55, and 60 series.	None
	Israel Aircraft Industries	1124 Series	None
	Hawker	1000 Series	None
	Hawker	1 through 950XP	None
Airframe	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to the removal , inspection, repair, alteration, and installation of aircraft interior furnishings. Interior furnishings include non-structural assemblies such as seats, side panels, tray tables, and cabinets. It does not include structural elements such as seat tracks and floor panels, unless airframe is listed on Op Spec paragraph A003.
PowerPlant	Honeywell	TFE 731 Series	Limited to line level maintenance as described in the applicable Allied Signal/ Garrett TFE 731 maintenance manual.
	General Electric	CJ610 Series	Limited to line level maintenance and Hot Section Inspection as described in the applicable General Electric maintenance manual.
	Pratt & Whitney, Canada	305 Series	Limited to line level maintenance as described in the applicable Pratt & Whitney maintenance manual.
Accessories	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.
Instruments	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.
Instruments - Altimeters, Airdata Computers, and Encoders	All Manufacturers	All Models	Authorization is limited to the test and inspection of Altimeters, Airdata Computers, and Encoders for FAR 91.411, FAR 43 Appendix E, and RVSM certification requirements.
Radio - ATC Transponders	All Manufacturers	All Models	Authorization is limited to the test and inspection of all ATC Transponders, Modes "A, C, and S", for certification of FAR 91.413 and FAR 43

A004 . Summary of Special Authorizations and Limitations

HQ Control: 09/23/1998

HQ Revision: 010

a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

	Reference Paragraphs
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100

b. The certificate holder is *not authorized and shall not*:

	Reference Paragraphs
Use Exemptions.	A005
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP.	A060
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Howard Harris, Principal Maintenance Inspector (NM03)
[1] EFFECTIVE DATE: 3/12/2013, [2] AMENDMENT #: 2
DATE: 2013.03.12 17:39:09 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

York R. Swick 3/14/2013
Swick, York R, General Manager Date

A007 . Designated Persons

HQ Control: 12/19/2006

HQ Revision: 030

a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Table 1 – Designated Persons to Apply for and Receive Authorizations

Title	Name	Parts Authorized
Agent for Service / Owner/President	Haggan, Eugene V.	A,D
FAA Accountable Manager, 145 / Assist QA Manager	Weber, Robert James	A,D

b. The following personnel listed in Table 2 are designated by the certificate holder to receive Information for Operators (INFO) messages for the certificate holder as indicated below. A receipt for the information by an operator or person is not required.

Table 2 – Designated to Receive INFO Messages

Name	Email Address	Telephone No.	Type of Information to Receive
Weber, Robert J	bweber@hagganaviatin.com	3037920688 Ext 18	ALL

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Brian C Neal, Principal Maintenance Inspector (NM03)
[1] SUPPORT INFO: Change in certificate management
[2] EFFECTIVE DATE: 9/3/2014, [3] AMENDMENT #: 8
DATE: 2014.09.03 12:12:57 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Weber, Robert James, Assist QA Manager

Sept 4-2014

Date

A449 . Antidrug and Alcohol Misuse Prevention Program

HQ Control: 07/17/2009

HQ Revision: 00a

- a. The Part 145 repair station certificate holder has elected to implement an Antidrug and Alcohol Misuse Prevention Program, because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, and 135 certificate holder and/or for a 14 CFR Part 91 operator conducting operations under Section 91.147.
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 120 and 49 CFR Part 40 for its Antidrug and Alcohol Misuse Prevention Program.
- c. Antidrug and Alcohol Misuse Prevention Program records are maintained and available for inspection by the FAA's Drug Abatement Compliance and Enforcement Inspectors at the location listed in Table 1 below:

Table 1

Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:	
Telephone Number:	A1 (303) - 792-0688
Address:	1240 East Control Tower Road
Address:	N/A
City:	Englewood
State:	CO
Zip code:	80112

d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
 - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention Program Records are kept.
 - (b) If the certificate holder's number of safety-sensitive employees goes to 50 and above, or falls below 50 safety-sensitive employees.
- (3) The certificate holder with 50 or more employees performing a safety-sensitive function on January 1 of the calendar year must submit an annual report to the Drug Abatement Division of the FAA.
- (4) The certificate holder with fewer than 50 employees performing a safety-sensitive function on January 1 of any calendar year must submit an annual report upon request of the Administrator, as specified in the regulations.

The certificate holder has fewer than 50 safety-sensitive employees.

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Howard Harris, Principal Maintenance Inspector (NM03)
[1] EFFECTIVE DATE: 3/12/2013, [2] AMENDMENT #: 3
DATE: 2013.03.12 17:39:11 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Howard R. Swick
Swick, Yorkk R, General Manager

3/14/2013
Date

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Part D

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100 Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)	11/16/2004	02/21/2014	4

D100, Work to be Performed at a Place Other Than the Repair Station Fixed Location(s) HQ Control: 11/16/2004
HQ Revision: 050

- a. The certificate holder may perform work at a place other than its Fixed Location (as listed in paragraph A001, and paragraph A101 if issued, of these operations specifications) provided it has the facilities, material, equipment and technical personnel to perform the work authorized in the following table.

Table 1

Work Authorized	Repair Stations Manual References	Quality Control Manual References
All maintenance allowed in para A3.	Section 7, Page 2-3	N/A


- b. The certificate holder **may not** perform **continuous** operation at a facility other than the station's Fixed Location listed in paragraph A001, and paragraph A101 if issued.
- c. Line Stations. Privileges of a line station, as set forth by the EASA certificate and scope of work and located within the country where the main facility is domiciled are listed in Table 1 are authorized.
- d. Work may be due to a special circumstance or on a recurring basis. If on a recurring basis, the repair station must have procedures in its manual.

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Brian C Neal, Principal Maintenance Inspector (NM03)
[1] EFFECTIVE DATE: 2/21/2014, [2] AMENDMENT #: 4
DATE: 2014.02.21 16:23:20 -06:00

3. I hereby accept and receive the Operations Specifications in this paragraph.


Swick, Yorkk R, General Manager

3/14/2014
Date

Capability List



Repair Station H51R588Y

ACCESSORIES

MANUFACTURE	DESCRIPTION	MODEL	MAINTENANCE MANUAL PUBLISHER	MANUAL P/N	LIMITATIONS	DATE FAA APPROVED
LEARJET	Emergency Power Supply	2489017-21	LEARJET	L.J. MM-103. Chapter 12-23-02	BENCH TESTING	2/11/2015
LEARJET	Emergency Power Supply	2489017-29	LEARJET	L.J. MM-103. Chapter 12-23-02	BENCH TESTING	2/11/2015
LEARJET	Emergency Power Supply	2489017-32	LEARJET	L.J. MM-103. Chapter 12-23-02	BENCH TESTING	2/11/2015
LEARJET	Emergency Power Supply	2489017-35	LEARJET	L.J. MM-103. Chapter 12-23-02	BENCH TESTING	2/11/2015
LEARJET	Emergency Power Supply	2489017-41	LEARJET	L.J. MM-103. Chapter 12-23-02	BENCH TESTING	2/11/2015
LITTON	BATTERY	500012	LITTON	TP-926 / 34-47-27	BENCH TESTING	2/11/2015
LITTON	BATTERY	500040	LITTON	TP-926 / 34-47-27	BENCH TESTING	2/11/2015
LITTON	BATTERY	510014	LITTON	TP-926 / 34-47-27	BENCH TESTING	2/11/2015
LITTON	BATTERY	510018	LITTON	TP-926 / 34-47-27	BENCH TESTING	2/11/2015
MARATHON	BATTERY	ALL MODELS	MARATHON	GENERAL	BENCH TESTING	2/11/2015
MARATHON	BATTERY	38451-004	MARATHON	20-S-113	BENCH TESTING	2/11/2015
SAFT	BATTERY	ALL MODELS	SAFT	GENERAL	BENCH TESTING	2/11/2015
SAFT	BATTERY	135687	SAFT	20VR4D	BENCH TESTING	2/11/2015
CONCORDE	BATTERY	ALL RG SERIES	CONCORDE	5-0324, 5-0171, 5-0167	BENCH TESTING	2/11/2015
CONCORDE	BATTERY	ALL CB SERIES	CONCORDE	5-0394	BENCH TESTING	2/11/2015
HAWKER	BATTERY	Valve Regulated	HAWKER	2602	BENCH TESTING	2/11/2015
HAWKER	BATTERY	9750W0640	HAWKER	F2602-0031	BENCH TESTING	2/11/2015
GILL	BATTERY	Valve Regulated	GILL	Q01-1100	BENCH TESTING	2/11/2015
GILL	BATTERY	DRY CHARGED	GILL	Q01-1120	BENCH TESTING	2/11/2015



Capability List

Repair Station H51R588Y

ACCESSORIES CAPABILITIES LIST

ACCESSORIES

MANUFACTURE	DISCRPTION	MODEL	MAINTENANCE MANUAL PUBLISHER	MANUAL P/N	LIMITATIONS	DATE FAA APPROVED
ACME ELECTRIC	Emergency Power Supply	171BS101-1, & -2	ACME ELECTRIC	24-30-03	BENCH TESTING	2/11/2015
ACME ELECTRIC	Emergency Power Supply	154BS101-1, & -2	ACME ELECTRIC	24-30-05	BENCH TESTING	2/11/2015
AERO DESIGN, INC.	Emergency Power Supply	Pro419.3.44tr8	AERO DESIGN	24-30-32	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	501-1075-01 thru -16	BF GOODRICH	TP-202	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	501-1682-01	BF GOODRICH	TP-475	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	501-1228-()	BF GOODRICH	TP-329	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	501-1043-()	BF GOODRICH	TP-204	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	16-1010-01	BF GOODRICH	TP-205	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	501-1719-01 & 02	BF GOODRICH	TP-483	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	501-1712-01	BF GOODRICH	TP-483	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	501-1712-02	BF GOODRICH	TP-483	BENCH TESTING	2/11/2015
BF GOODRICH	Emergency Power Supply	501-1712-03	BF GOODRICH	TP-483	BENCH TESTING	2/11/2015
CASTLEBERRY	Emergency Power Supply	0900-1840-22	CASTLEBERRY	6670-2824-0001	BENCH TESTING	2/11/2015
GRIMES	Emergency Power Supply	60-3157	GRIMES	60-2502	BENCH TESTING	2/11/2015
GRIMES	Emergency Power Supply	60-1211	GRIMES	60-2502	BENCH TESTING	2/11/2015

CAPABILITIES LIST

RADIO CAPABILITIES LIST

RADIO

MANUFACTURE	DESCRIPTION	MODEL OR P/N	MAINTENANCE MANUAL PUBLISHER	MANUAL P/N	LIMITATIONS	DATE FAA APPROVED
Air Cell	Flight Phone	AT.02	AIR CELL	800-10240	BENCH TESTING	2/11/2015
Air Cell	Flight Phone	AGT.02	AIR CELL	800-10245	BENCH TESTING	2/11/2015
Air Cell	Flight Phone	AST 3500	AIR CELL	800-10640	BENCH TESTING	2/11/2015
Air Cell	Flight Phone	Guardian 1000	AIR CELL	800-10494	BENCH TESTING	2/11/2015
Air Cell	Flight Phone	MCC2X	AIR CELL	800-10220	BENCH TESTING	2/11/2015
Air Cell	Flight Phone	ST 3100	AIR CELL	800-10680	BENCH TESTING	2/11/2015
Collins	Transponder	TDR94	COLLINS	MM-103	BENCH TESTING	2/11/2015
Collins	Transponder	TDR94	COLLINS	MM-99	BENCH TESTING	2/11/2015
Honeywell	Transponder	MST67A	HONEYWELL	006-0540-0008	BENCH TESTING	2/11/2015
Honeywell	NAV UNIT	ALL	HONEYWELL	006-10528-0000	BENCH TESTING	2/11/2015