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A001 . Issuance and Applicability

HQ Control: 01/31/2012

HQ Revision: 05d

a. These operations specifications are issued to IFL Group, Inc., 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:
6860 South Service Drive
Waterford, Michigan 48327

Mailing Address:
6860 South Service Drive
Waterford, Michigan 48327

b. The holder of these operations specifications is the holder of certificate number DJSR211D 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. U.S./EC Aviation Safety Agreement Repair Station/Maintenance Organization Approvals not authorized.

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

IFL Instruments

Delegated authorities: None

1. The Certificate Holder applies for the Operations in this paragraph.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Mark W Hanly, Principal Maintenance Inspector (GL23)
[1] EFFECTIVE DATE: 4/23/2014, [2] AMENDMENT #: 8
DATE: 2014.04.23 09:32:58 -05:00

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

Digitally signed by Michael A Cary
DATE: 2014.04.23 10:40:52 -05:00

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

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

Radio Class 1: Communications Equipment

Radio Class 2: Navigational Equipment

Radio Class 3: Radar Equipment

Airframe Class 3: All-Metal Construction of Small Aircraft

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	General Dynamics	Convair 340, 440 Series including STC 5800 Series	Maintenance and Inspection in accordance with current manufacturers instructions or other data accepted or approved by the Administrator. STC 5800 series only, perform required 14 CFR 91.411 inspections for electronic air data systems installed on aircraft following data accepted or approved by the Administrator.
	Boeing	B727 Series, Cargo	Maintenance and Inspection in accordance with current manufacturers instructions or other data accepted or approved by the Administrator. Perform required 14 CFR 91.411 inspections for electronic air data systems installed on aircraft following data accepted or approved by the Administrator.
	Hawker / Beechcraft	200 Series	Maintenance and Inspection in accordance with current manufacturers instructions or other data accepted or approved by the Administrator.
	Dassault Falcon	AMD-20 Series	Maintenance and Inspection in accordance with current manufacturers instructions or other data accepted or approved by the Administrator. Perform required 14 CFR 91.411 inspections for electronic air data systems installed on aircraft following data accepted or approved by the

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
			Administrator.
Power Plant			
	Pratt & Whitney	JT8D Series	Maintenance and Inspections in accordance with current Pratt & Whitney Maintenance Manual 481671 or other data accepted or approved by the Administrator.
	Pratt & Whitney of Canada	PT6A-34, -41 and -114A	Maintenance and Inspection in accordance with current Pratt & Whitney Canada Manual 3021242 or other data accepted or approved by the Administrator.
	Allison / Rolls-Royce	501D13 and 501D22G	Maintenance and Inspection in accordance with current Allison Manuals 1RC2 and 14RC2 or other data accepted or approved by the Administrator.
	Garrett / Honeywell	TFE731-5AR-2C and -5BR-2C	Maintenance and Inspections in accordance with current Garrett Light Maintenance Manual and IFL Group, Inc. AAIP, as revised or other data accepted or approved by the Administrator.
	General Electric	CF 700-2D2	Maintenance and Inspection in accordance with current General Electric Maintenance Manual SEI-187 and IFL Group, Inc. AAIP, as revised or other data accepted or approved by the Administrator.
Propeller			
	Aero Products	6441FN-606	Maintenance and Inspection in accordance with current Allison Maintenance Manual 1AC2 or other data accepted or approved by the Administrator.
	McCauley	4HFR34C754HI	Maintenance and Inspection in accordance with current McCauley Accessory Division Technical Report 701 or other data accepted or approved by the Administrator.
	Hamilton Standard	54H60 Series	Maintenance and Inspection in accordance with current Hamilton Standard Maintenance Manual P5014 or other data accepted or approved by the Administrator.
Accessories			
	J.E.T. Emergency Power Supplies	SI-100, SC-841 and PS835D	Maintenance and Inspection in accordance with current manufacturers instructions or other data accepted or approved by the Administrator.
	SAFT Battery Pack	AD-3120 Series	Maintenance and Inspection in accordance with current manufacturers instructions or

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
			other data accepted or approved by the Administrator.
	Falcon	Stand-by Battery 70Y1 and 71Y1	Maintenance and Inspection in accordance with current Component Maintenance Manual ECE FO214 or other data accepted or approved by the Administrator.
	Gill Batteries	Dry-Charged Lead Acid Battery G-88	Maintenance and Inspection in accordance with current Gill Activation and Service Instructions TBP 1560 or other data accepted or approved by the Administrator.
	Hawker / Beechcraft	40Ah Sealed Lead Acid Battery 9750W0538	Maintenance and Inspection in accordance with current Component Maintenance Manual F2602-0032 or other data accepted or approved by the Administrator.
	Meggitt Aircraft Braking Systems (Goodyear)	Main Wheel Assy. 9540512	Maintenance and Inspection in accordance with current Component Manual AP-695 or other data accepted or approved by the Administrator.
		Main Wheel Assy. 9540977	Maintenance and Inspection in accordance with current Component Manual AP-696 or other data accepted or approved by the Administrator.
		Main Wheel Assy. 9543809 and 9543809-1	Maintenance and Inspection in accordance with current Component Manual AP-958 or other data accepted or approved by the Administrator.
		Nose Wheel Assy. 9531502	Maintenance and Inspection in accordance with current Component Manual AP-143 or other data accepted or approved by the Administrator.
		Nose Wheel Assy. 9543426	Maintenance and Inspection in accordance with current Component Manual AP-471 or other data accepted or approved by the Administrator.
	Honeywell (Grimes)	Emergency Exit Light 10-0067-7, -9 and 10-60091-101, -102	Maintenance and Inspection in accordance with current Grimes Component Maintenance Manual 33-50-07 or other data accepted or approved by the Administrator.
Accessories - Electrical	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Maintenance in accordance with current manufacturers instructions or other data accepted or approved by the Administrator.
Accessories - Electronic	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Maintenance in accordance with current manufacturers instructions or other data accepted or approved by the Administrator.
Accessories - Mechanical	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Maintenance in accordance with current manufacturers instructions or other data accepted or approved by the Administrator.
Instruments - Electrical	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Maintenance in accordance with current manufacturers instructions or other data accepted or approved by the Administrator.
Instruments -	From the accepted	From the accepted	Maintenance in accordance with current

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Electronic	Capability List, as amended.	Capability List, as amended.	manufacturers instructions or other data accepted or approved by the Administrator.
Instruments - Gyroscopic	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Maintenance in accordance with current manufacturers instructions or other data accepted or approved by the Administrator.
Instruments - Mechanical	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Maintenance in accordance with current manufacturers instructions or other data accepted or approved by the Administrator.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
NA	NA	NA

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



Digitally signed by Mark W Hanly, Principal Maintenance Inspector (GL23)
[1] EFFECTIVE DATE: 4/16/2014, [2] AMENDMENT #: 21
DATE: 2014.04.23 09:34:37 -05:00

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

Digitally signed by Michael A Cary
DATE: 2014.04.16 15:02:48 -05:00

A004. Summary of Special Authorizations and Limitations

HQ Control: 9/23/1998

HQ Revision: 010

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

	<u>Reference Paragraphs</u>
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*:

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. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

DIGITALLY FAA SIGNED 11/14/2007 6:57:22 AM

Sayers, David K.

Principal Maintenance Inspector

GL23

4. Date Approval is effective: 11/14/2007

Amendment Number: 6

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

DIGITALLY INDUSTRY SIGNED 11/14/2007 6:57:22 AM

Bunner, Mark

FAA Accountable Manager, 145

Date: 11/14/2007

A007. Designated Persons

HQ Control: 12/19/06
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
President	Church, Michael N.	A,D
FAA Accountable Manager, 145 / Director of Maintenance	Bunner, Mark	A,D
Chief Inspector	Smith, Dave	A
Avionics Manager	Rose, Carl D.	A
Agent for Service	Cary, Michael A	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
Mark Bunner	markb@iflgroup.com	248-666-1961	ALL

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.

DIGITALLY FAA SIGNED 5/17/2007 10:43:08 AM

Emerson, Eric E.

Principal Maintenance Inspector

GL23

4. Date Approval is effective: 05/17/2007 Amendment Number: 6
5. I hereby accept and receive the Operations Specifications in this paragraph.

DIGITALLY INDUSTRY SIGNED 5/17/2007 1:38:15 PM

Cary, Michael A

Agent for Service

Date: 05/17/2007

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:	A3 (DJSA)
Address:	6860 South Service Drive
Address:	N/A
City:	Waterford
State:	MI
Zip code:	48327

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 Mark W Hanly, Principal Maintenance Inspector (GL23)
[1] EFFECTIVE DATE: 4/23/2014, [2] AMENDMENT #: 3
DATE: 2014.04.23 11:41:24 -05:00

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

Digitally signed by Michael A Cary
DATE: 2014.04.23 10:41:23 -05:00

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
As per ratings and limitations listed in A003.	Repair Station Quality Manual, Section 1, page 3 and 4.	Repair Station Quality Manual, Section 1, page 3 and 4.

- 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. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2010.02.11 13:20:52 Central Standard Time
Location: WebOPSS
Digitally signed by David K Sayers,
Principal Maintenance Inspector (GL23)

4. Date Approval is effective: 02/11/2010 Amendment Number: 4
5. I hereby accept and receive the Operations Specifications in this paragraph.

2010.02.11 12:44:55 Central Standard Time
Location: WebOPSS
Digitally signed by Michael a cary

Date: 02/11/2010
