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Part A

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A001 . Issuance and Applicability

HQ Control: 05/10/2024

HQ Revision: 05g

a. These operations specifications are issued to TIA AERONAUTICS INC, a Repair Station located in the United States, pursuant to 14 CFR Part 145, § 145.53(a). 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:
3306 Heritage Way
HARLINGEN, Texas 78550

b. The holder of these operations specifications is the holder of certificate number 2TIR664C 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 performs maintenance and/or an alteration of aircraft and/or aeronautical products under a Bilateral Aviation Safety Agreement (BASA).


e. The certificate holder is authorized to use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

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



Digitally signed by Michael L. Smith, Principal Avionics Inspector (SW17)
[1] EFFECTIVE DATE: 7/30/2024, [2] AMENDMENT #: 6
DATE: 2024.07.30 08:57:12 -05:00

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



Jesus Mendoza, FAA Accountable Manager, 145

7/30/2024
Date

A002 . Definitions and Abbreviations

HQ Control: 12/14/2017

HQ Revision: 05d

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.
CAAS	Civil Aviation Authority of Singapore
CFR	Code of Federal Regulations
Class Rating	As used with respect to the certification, ratings, privileges of airframes, powerplants, propellers, radios, instruments, and accessories 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.
EU	European Union
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.
FOCA	Federal Office of Civil Aviation
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	Authorization 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's main 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 EASA Agreement, Annex 2, Maintenance. The term Maintenance Agreement Guidance (MAG) defines the processes and activities applicable to a specific country under an MIP, and is not associated with the EASA Agreement.
Maintenance	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
U.S./EU 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 performed under 14 CFR Part 145, Section 145.53(b).
MOE	A maintenance organization exposition (MOE) pertains to procedural manuals used by maintenance organizations certificated by a foreign country. The MOE along with the FAA Supplement, sets forth the structure and procedures of the repair station to meet the requirements of 14 CFR Part 145 under a MIP.

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 FAA certificated repair station located in the United States.
Repair Station located outside the United States	A FAA 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 Michael L. Smith, Principal Avionics Inspector (SW17)
[1] EFFECTIVE DATE: 4/24/2020, [2] AMENDMENT #: 2
DATE: 2020.04.24 09:38:26 -05:00

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

RLAS

04/29/2020

ROBERT JOHN SANDERS, QUALITY TECHNICIAN Date

A003 . Ratings and Limitations

HQ Control: 04/03/2017

HQ Revision: 01a

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	AIRBUS	A-320 Series	Line maintenance checks, component removal and installations, adjustments, and minor repairs, not requiring specialized equipment or processes.
Airframe	BOEING	B-767 Series	Line maintenance checks, component removal and installations, adjustments, and minor repairs, not requiring specialized equipment or processes.
Airframe	CESSNA	CE-208B Caravan	Line maintenance checks, component removal and installations, adjustments, and minor repairs, not requiring specialized equipment or processes.
Airframe	BEECHCRAFT	KING AIR SERIES 90, 200 and 300 ALL MODELS	No major repairs involving composite materials. Scheduled checks not to exceed scope and detail of a C check. All formed major structural articles for repairs must be supplied by PMA or manufacturer (such as stringer sections, bulkheads, ribs, etc.).
Airframe	BOMBARDIER	LEARJET 35, 40 and 45 Series	No major repairs involving composite materials. Scheduled checks not to exceed scope and detail of a C check. All formed major structural articles for repairs must be supplied by PMA or manufacturer (such as stringer sections, bulkheads, ribs, etc.).
Airframe	SAAB	340A	No major repairs involving composite materials. Scheduled checks not to exceed scope and detail of a C check.

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	EMBRAER	EMB-110	All formed major structural articles for repairs must be supplied by PMA or manufacturer (such as stringer sections, bulkheads, ribs, etc.). No major repairs involving composite materials. Scheduled checks not to exceed scope and detail of a C check. All formed major structural articles for repairs must be supplied by PMA or manufacturer (such as stringer sections, bulkheads, ribs, etc.).
Radio	As applicable to the Aircraft Manufacturers listed in the Limited Airframe Ratings	As applicable to the Aircraft Makes and Models listed in the Limited Airframe Ratings	Limited to alterations, maintenance, and preventative maintenance, directly associated with Radio systems to comply with 14 CFR § 91.413.
Instruments	As applicable to the Aircraft Manufacturers listed in the Limited Airframe Ratings	As applicable to the Aircraft Makes and Models listed in the Limited Airframe Ratings	Limited to alterations, maintenance, and preventative maintenance, directly associated with Instrument systems to comply with 14 CFR § 91.411.
Engines	PRATT AND WHITNEY	PT6A-ALL SERIES	No checking of engine rated power.
Nondestructive Inspection, Testing, and Processing			Liquid Penetrant Testing (PT) & Magnetic Particle Testing (MT).

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
None Authorized		

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 Michael L. Smith, Principal Avionics Inspector (SW17)
[1] EFFECTIVE DATE: 7/30/2024, [2] AMENDMENT #: 12
DATE: 2024.07.30 08:33:48 -05:00

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

A handwritten signature in blue ink, appearing to read "JM", written over a horizontal line.

7/30/2024

Jesus Mendoza, FAA Accountable Manager, 145

Date

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
Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating non-U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107

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


	Reference Paragraphs
Use Exemptions.	A005
Use an acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
Perform maintenance with EASA ratings where the scope of work is authorized by a BASA/MAG (U.S.-EU), MIP/MaG (U.S.-Swiss).	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

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



Digitally signed by Carl Newton, Principal Maintenance Inspector (SW17)
[1] EFFECTIVE DATE: 2/1/2018, [2] AMENDMENT #: 4
DATE: 2018.02.01 09:11:32 -06:00

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


_____ 02/01/2018
SANDERS, ROBERT JOHN, QUALITY TECHNICIAN Date

A007 . Designated Persons

HQ Control: 09/08/2021

HQ Revision: 03a

- 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	Email Address
FAA Accountable Manager, 145	Mendoza, Jesus	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
Jesus Mendoza	jesse@tiaaeronautics.com	956-240-3559	ALL
Eric Salas	eric@tiaaeronautics.com	956-230-3000	ALL

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 Michael L. Smith, Principal Avionics Inspector (SW17)
[1] EFFECTIVE DATE: 3/17/2022, [2] AMENDMENT #: 1
DATE: 2022.03.17 14:53:38 -05:00

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



Jesus Mendoza, FAA Accountable Manager, 145 03/18/2022
Date

A449 . Drug and Alcohol Testing Program

HQ Control: 08/30/2021

HQ Revision: 00b

- a. The 14 CFR Part 145 repair station certificate holder has implemented a drug and alcohol testing program because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, 121/135, and/or 135 certificate holder, and/or for a 14 CFR Part 91 operator conducting operations under § 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 drug and alcohol testing program.
- c. Drug and alcohol testing 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 Drug and Alcohol Testing Program Records	
Telephone Number:	A1 520-745-1029
Address:	3360 South Palo Verde Rd.
Address:	N/A
City:	Tucson
State:	AZ
Zip code:	85713

d. Limitations and Provisions.

(1) The FAA's Drug Abatement Division is responsible for oversight and enforcement of the DOT/FAA-mandated drug and alcohol testing program. Questions regarding the program requirements or regulations must be directed to the Drug Abatement Division at 202-267-8442 or drugabatement@faa.gov.

(2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:

- (a) Phone number and address where the drug and alcohol testing 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.

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

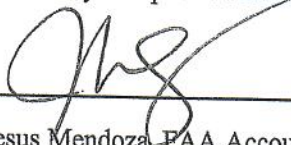
Issued new template

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

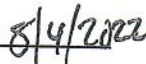


Digitally signed by Brian F Fricker, Principal Maintenance Inspector (SW17)
[1] SUPPORT INFO: Issued new template
[2] EFFECTIVE DATE: 8/4/2022, [3] AMENDMENT #: 1
DATE: 2022.08.04 11:32:20 -05:00

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



Jesus Mendoza, FAA Accountable Manager, 145



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	12/09/2015	0
107 Line Maintenance Authorization	12/11/2020	04/16/2021	1

D100 . Work to be Performed at a Place Other Than the Repair Station's Fixed Location(s) HQ Control: 05/20/2024
HQ Revision: 05a

a. The certificate holder is authorized to perform work on a recurring basis at a location other than its fixed location(s) listed in Operations Specification A001, Issuance and Applicability, and, if issued, A101, Additional Fixed Locations, provided it has the facilities, material, equipment, and technical personnel to perform the work authorized in Table 1 below:

Table 1 - Work Authorized

Work Authorized	Repair Station Manual References	Quality Control Manual References
All	Section 11	

b. Work Authorized. The work authorized in Table 1 above could be the repair station's entire rating(s) or portions thereof.

c. Repair Station Manual (RSM). Table 1 must list the section(s) in the RSM and, if applicable, the Quality Control Manual (QCM) that contain the procedures that govern how the repair station will perform work on a recurring basis at a place other than the repair station's fixed location(s).

d. Continuous Operations. Issuance of this operations specification does not authorize continuous operations at a location away from the repair station's fixed location(s) listed in operations specification A001 and, if issued, A101.

1. Issued by the Federal Aviation Administration.

2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Michael L. Smith, Principal Avionics Inspector (SW17)
[1] EFFECTIVE DATE: 7/30/2024, [2] AMENDMENT #: 1
DATE: 2024.07.30 08:57:17 -05:00

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

A handwritten signature in blue ink, appearing to read "J. Mendoza".

Jesus Mendoza, FAA Accountable Manager, 145

7/30/2024

Date

D107 . Line Maintenance Authorization

HQ Control: 12/11/2020

HQ Revision: 04b

- a. The certificate holder is authorized to perform line maintenance functions that apply to the certificate holders conducting air carrier operations under 14 CFR Parts 121 and 135 and for foreign air carriers or foreign persons operating a U.S.-registered aircraft in common carriage under 14 CFR Part 129 and listed in Table 1.
- b. The certificate holder under the provisions of a Bilateral Aviation Safety Agreement is authorized to perform line maintenance functions that apply to certificate holders conducting air carrier operations for foreign air carriers or foreign persons operating non-U.S.-registered aircraft in common carriage under Part 129, and listed in Table 1.
- c. Line maintenance may be performed for the listed air carriers at the location(s) in Table 1 below, provided the certificate holder has the facilities, equipment, trained personnel, and technical data to perform such line maintenance.

Table 1 - Line Maintenance Authorization

Name of Air Carrier	Air Carrier Four-Letter Designator	Aircraft M/M	ICAO Airport Identifier and Name of Airport	Physical Address Where Line Maintenance is Being Performed				Line Maintenance Limitation(s)
				Street	City	State or Country	Postal Code	
ABX Air Inc	ABXA	B-767	KHRL; HARLINGEN/RIO GRANDE VALLEY INTL,TX.	3306 Heritage Way	Harlingen	Texas	78550	Line Maintenance Authorization limited to On-Call Maintenance services per contractual agreement Dated June 27, 2017. In accordance with air carrier approved Maintenance Procedures.

Operations Specifications

Name of Air Carrier	Air Carrier Four-Letter Designator	Aircraft M/M	ICAO Airport Identifier and Name of Airport	Physical Address Where Line Maintenance is Being Performed				Line Maintenance Limitation(s)
				Street	City	State or Country	Postal Code	
AEROENLACES NACIONALES S A DE C V	V8OF	A-320	KHRL; HARLINGEN/RIO GRANDE VALLEY INTL,TX.	3002 Heritage Way	Harlingen	Texas	78550	Line Maintenance Authorization limited to On-Call Maintenance services per contractual agreement. In accordance with air carrier approved Maintenance Procedures.
AEROTRANSPORTES RAFILHER, S.A. DE C.V.	RFD	CE-208	CRP; Corpus Christi International Airport	1000 International Dr.	Corpus Christi	Texas	78406	Line Maintenance Authorization limited to On-Call Maintenance services per contractual agreement. In accordance with air carrier approved Maintenance Procedures.
AEROTRANSPORTES RAFILHER, S.A. DE C.V.	RFD	CE-208	BRO; Brownsville SPI International Airport	700 Amelia Earhart Dr.	Brownsville	Texas	78521	Line Maintenance Authorization limited to On-Call Maintenance services per contractual agreement. In accordance with air carrier approved Maintenance Procedures.
AEROTRANSPORTES RAFILHER, S.A. DE C.V.	RFD	CE-208	MFE; McAllen International Airport	2500 S Bicentennial Blvd.	McAllen	Texas	78503	Line Maintenance Authorization limited to On-Call Maintenance services per contractual agreement. In accordance with air carrier approved Maintenance Procedures.

Operations Specifications

Name of Air Carrier	Air Carrier Four-Letter Designator	Aircraft M/M	ICAO Airport Identifier and Name of Airport	Physical Address Where Line Maintenance is Being Performed				Line Maintenance Limitation(s)
				Street	City	State or Country	Postal Code	
AEROTRANSPORTES RAFILHER, S.A. DE C.V.	RFD	CE-208	LRD; Laredo International Airport	5210 Bob Bullock Loop	Laredo	Texas	78041	Line Maintenance Authorization limited to On- Call Maintenance services per contractual agreement. In accordance with air carrier approved Maintenance Procedures.

d. Other Limitations and Provisions.

(1) This line maintenance authorization does not constitute a rating. The certificate holder must be appropriately rated for the type of work performed under a limited rating or class rating to perform inspections and minor maintenance associated with this line maintenance authorization.

(2) All applicable authorizations and exemptions authorized for the certificate holder apply at the locations listed in Table 1.

(3) The certificate holder may perform continuous line maintenance operations at the facilities listed in Table 1. Work away from any line maintenance facility listed in Table 1 is not authorized.

(4) The certificate holder must perform the line maintenance authorized by this operations specification in accordance with the applicable sections of the maintenance program and with the manuals of the certificate holders listed in Table 1 for which the work is being conducted under 14 CFR Part 145, § 145.205(d).

(5) Repair stations located outside the United States must show a need to maintain U.S.-registered aircraft. With the exception of the provisions of subparagraphs d(6) and (7) below, the line maintenance authorization is limited to only those facilities within the geographic boundary of the country where the certificated repair station is located.

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(6) Repair Stations Located Outside the United States and Covered by the U.S./European Union (EU) Safety Agreement. Repair stations located in participating EU Member States must show a need to maintain U.S.-registered aircraft and operate under the terms and conditions of the U.S./EU Safety Agreement. The line station must be under the surveillance of an aviation authority (AA) and hold a European Aviation Safety Agency (EASA) line station approval. This authorization is limited to only those facilities located within the EU Member States.

(7) Repair stations with their principal place of business located within the United Kingdom of Great Britain and Northern Ireland (UK) operating under the Maintenance Implementation Procedures (MIP) are authorized line maintenance outside of the UK. The repair station must show a need to maintain U.S.-registered aircraft for which maintenance is being conducted under § 145.205(d). All locations must hold UK Civil Aviation Authority (CAA) line station approval and be under the direct surveillance of the UK CAA. Line maintenance under the UK CAA is not authorized in the United States.

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

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 Michael I. Smith, Principal Avionics Inspector (SW17)
[1] EFFECTIVE DATE: 7/30/2024, [2] AMENDMENT #: 2
DATE: 2024.07.30 08:34:00 -05:00



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

7/30/2024

Jesus Mendoza, FAA Accountable Manager, 145 Date

TIA AERONAUTICS INC

D107-5
Amdt. No: 2

Certificate No.: 2TIR664C