Operations Specifications

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Part A-1 Print Date: 11/7/2024

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	HQ CONTROL	EFFECTIVE	AMENDMENT
	DATE	DATE	NUMBER
Work to be Performed at a Place Other Than the Repair Station's Fixed Location(s)	05/20/2024	11/05/2024	5

Print Date: 11/7/2024

Operations Specifications

A001 . Issuance and Applicability

HQ Control: 05/10/2024 HQ Revision: 05g

Certificate No.: A1LR190N

a. These operations specifications are issued to Able Aerospace Services 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: 7706 E. Velocity Way Mesa, Arizona 85212

- b. The holder of these operations specifications is the holder of certificate number A1LR190N 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 conduct the operations described in subparagraph a under the following other business names:

Able

AAS

Operations Specifications

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



Digitally signed by Charles E. Baxter, Principal Avionics Inspector (WP07) [1] SUPPORT INFO: Template update [2] EFFECTIVE DATE: 11/5/2024, [3] AMENDMENT #: 9 DATE: 2024.11.05 09:43:22 -06:00

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

Yuri Hoverson, General Manager Date

Operations Specifications

A002 . Definitions and Abbreviations

HQ Control: 12/14/2017 05d **HQ** Revision:

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.

The Bilateral Aviation Safety Agreement (BASA) is an executive **BASA**

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.

In these operations specifications, the term "certificate holder" means Certificate Holder

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.

Civil Aviation Authority of Singapore CAAS

Code of Federal Regulations **CFR**

As used with respect to the certification, ratings, privileges of **Class Rating**

airframes, powerplants, propellers, radios, instruments, and

accessories within a category having similar operating characteristics.

European Aviation Safety Agency **EASA**

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

An authorization that permits an alternate means of compliance with a Exemption

specific CFR. The exemption must meet the procedural requirements

of 14 CFR Part 11.

Federal Office of Civil Aviation **FOCA**

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

Certificate No.: A1LR190N

primary contact with the FAA.

Operations Specifications

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.

Operations Specifications

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 G Moyer, Principal Maintenance Inspector (WP07) [1] SUPPORT INFO: FAA Template Changed [2] EFFECTIVE DATE: 10/24/2018, [3] AMENDMENT #: 6 DATE: 2018.10.24 18:39:18 -05:00

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

Pfaffenberger, Paul, Quality Assurance Manager

Date

Able Aerospace Services Inc.

A002-3 Amdt. No: 6

Operations Specifications

A003. Ratings and Limitations

HQ Control: 04/03/2017 HQ Revision: 01a

Certificate No.: A1LR190N

The certificate holder is authorized the following Ratings and/or Limitations:

Class Ratings

None authorized

Limited Ratings

Rating	<u>Manufacturer</u>	Make/Model	Limitations
Airframe	Bell Helicopter Textron	206 All Series	None
	Bell Helicopter Textron	505	None
	Bell Helicopter Textron	407 All Series	None
	Bell Helicopter Textron	47, 204, 205, 212, 214, 222, 230, 412, 427, 430 All Series	Limited to: Components and component subassemblies.
	Airbus Helicopter	AS-350B2, AS-350B3	None
	Airbus Helicopter	BO-105, BK-117 All Series	Limited to: Components and component subassemblies.
	Airbus Helicopter	AS-350 All Series, 355 All Series	Limited to: Components and component subassemblies.
	United Technologies (Sikorsky Aircraft)	Model S-76	Limited to: Components and component subassemblies.
	Boeing	717, 727, 737, 747, 757, 767, 777 All Series	Limited to: Components and component subassemblies.
	Boeing/McDonald Douglas	DC-9, DC-10, MD-10, MD-11, MD-80, MD-90 All Series	Limited to: Components and component subassemblies.
	Bombardier	CL-600-2B16, CL-600- 2B19 (RJ-100, RJ-200, RJ-440 Series) All Series	Limited to: Components and component subassemblies.
	Textron (Beechcraft)	B300 & B300C	None
Airframe	From the accepted Capability List, as amended.	From the Capability List, as amended.	Limited to: Components and component subassemblies.

Rating	Manufacturer	Make/Model	Limitations
Engines	Rolls Royce (Allison)	250, 250-C All Series	Excluding: Overhaul and Hot Section Inspections (HSI)
	Safran/Turbomeca	Arriel 1D1, 2B, 2B1, 2D	Limited to Level one (1) maintenance as defied by the manufacture.
	Safran/Turbomeca	Arrius 2R	Limited to Level one (1) maintenance as defied by the manufacture.
	Pratt and Whitney	PT6B-36, 36A, 36B	Limited to: Components and component subassemblies.
	Pratt and Whitney	PT6A-60A, PT6A-67A	Limited to: Maintenance defined as line maintenance by Pratt & Whitney
	Honeywell International (Textron Lycoming)	LTS-101 All Series	Limited to: Components and component subassemblies.
	Honeywell International (Textron Lycoming)	LTP-101-600A-1A, LTP- 101-700A-1A	Limited to: Components and component subassemblies.
Engines	From the accepted Capability List, as amended.	From the Capability List, as amended.	Limited to: Components and component subassemblies.
Accessories	From the accepted Capability List, as amended.	From the Capability List, as amended.	Limited to: Mechanical, Electrical or Electronic Accessories.
Rotor Blades	From the accepted Capability List, as amended.	From the Capability List, as amended.	None
Landing Gear Components	From the accepted Capability List, as amended.	From the Capability List, as amended.	None
Instruments	All	Altimeter and Altitude Encoding Devises	Limited to: Altimeter System Test and Inspections, In accordance with 14 CFR, Part 91.411 & Part 43 appendix "E" & "F" for small aircraft under 12,500 lbs. (excludes RVSM aircraft.)
Radio	All	Transponders	Limited to:Transponder System Test and Inspection, In accordance with 14 CFR Part 91.413 & Part 43, Appendix "F" for small aircraft under 12,500 lbs. (excludes RVSM aircraft.)
Nondestructive Inspection, Testing, and Processing	See Limitations	See Limitations	Liquid Penetrant Inspection (PT): Shall be in accordance with ASTM 1417 as revised for Type 1, Method C & D with sensitivity level 1-4 or as contained in a Civil or Military Specification.

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Rating	<u>Manufacturer</u>	Make/Model	<u>Limitations</u>
			Magnetic Particle Inspection (MT): Shall be in accordance with ASTM 1444 as revised or as contained in a Civil or Military Specification.
			Eddy Current Inspection (ET): as contained in a Civil or Military Specification.
			Ultrasonic Inspection (UT): Shall be in accordance with ASTM E114, E127, E164, E213, E317, E494, E587, E1901, E2192, E2373, E797/E797M or as contained in a Civil or Military Specification.
			Visual Inspection: as contained in a Civil or Military Specification.

<u>Limited Ratings - Specialized Services</u>

Rating	Specifications	Limitations
Chemical Conversion Coating on Aluminum	MIL-DTL-5541, BHT-ALL-SPM, Chapter 3,/ Para. 3-16, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Chemical Conversion Coating on Magnesium	BTH-ALL-SPM, Chapter 3, / Para. 3-15, item #2A as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Chromic Anodization	IF-MA No. 826, MIL-A-8625, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Metal Plating	MIL-STD-865, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Solid Film Lubricant	MIL-PRF-46010, BHT-ALL-SPM Chapter 3, /Para. 3-20, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Passivation	ASTM-A-967, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Chrome Plating	AMS 2406 (AMS-QQ-C-320), as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Nickel Plating	AMS-QQ-N-290, Boeing BAC (5746), MIL- STD-868, AMS 2423, AMS 2424, AMS 2451 / 1, as revised	Repair limitations as contained in the , referenced Civil or Military Specification.
Copper Plating	AMS 2418, (Boeing BAC 5625), as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Cadmium Plating	AMS-QQ-P-416, AMS 2451 / 4, AMS 2400 Airbus P.S. 01-02-02, BAC (5854), BHT-ALL- SPM, Chapter 3. Para. 3-17 & 3-18, as revised	Repair limitations as contained in the referenced Civil or Military Specification.

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Administration

Rating	Specifications	<u>Limitations</u>
Silver Plating	ASTM B 700, AMS 2410, AMS 2412, AMS 2451 / 8, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Gold Plating	AMS 2422, ASTM B 488, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Rhodium Plating	MIL-R-46085, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Tin Plating	ASTM B 545, ASTM B 339, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Ni Cad Plating	AMS 2416, SPOP 25, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Anodize	MIL-A-8625, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Hard Coating	AMS 2469, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Phosphate Coating (Type M)	MIL-DTL-16232, Boeing BAC 5810, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Shot Peening	AMS-S-13165, AMS 2430, AMS 2432 and Boeing BAC 5730, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Stress Relief	Sikorsky SS 8711, as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Material Deposition, Cold Spray	MIL-STD-3021, as revised	Repair limitations as contained in the referenced Civil or Military Specification.

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 G Moyer, Principal Maintenance Inspector (WP07) [1] SUPPORT INFO: CH Added Textron B300 & B300C and Pratt & Whitney PT6A-60 & 67 [2] EFFECTIVE DATE: 12/8/2021, [3] AMENDMENT #: 41 DATE: 2021.12.15 17:14:46 -06:00

3. I hereby	accept and	receive the	Operations	Specifications	in this	paragraph.
			•	*		7
[]						

Travis Tyler, General Manager

Date

1-6-22

Operations Specifications

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
Use an acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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
Perform maintenance with ratings for repair stations located outside the United States under a Bilateral Aviation Safety Agreement with Maintenance Provisions.	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 non-U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107

Certificate No.: A1LR190N

Amdt. No: 9

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 G Moyer, Principal Maintenance Inspector (WP07) [1] SUPPORT INFO: CH removed the Additional Location Facility [2] EFFECTIVE DATE: 10/6/2020, [3] AMENDMENT #: 9 DATE: 2020.10.06 19:08:51 -05:00

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

Aaron Harvey, Quality Manager

Date

Operations Specifications

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
Director of Quality Assurance / Quality Manager	Ramirez, Daniel	A,D	Daniel.Ramirez@ableaerospace.com
FAA Accountable Manager, 145 / General Manager	Hoverson, Yuri	A,D	Yuri.Hoverson@ableaerospace.com
EASA Accountable Manager, 145 / General Manager	Hoverson, Yuri	A,D	Yuri.Hoverson@ableaerospace.com

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

<u> </u>			
Name	Email Address	Telephone No.	Type of Information to Receive
Daniel Ramirez	Daniel.Ramirez@ableaerospace.com	602-304-1227	ALL
Yuri Hoverson	Yuri.Hoverson@ableaerospace.com	602-443-8306	ALL
Ryan Banasek	Ryan.Banasek@ableaerospace.com	602-443-8310	ALL

Certificate No.: A1LR190N

Amdt. No: 13

Operations Specifications

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



Digitally signed by Charles E. Baxter, Principal Avionics Inspector (WP07) [1] SUPPORT INFO: Removed Harvey and Tyler, added Ramirez and Hoverson [2] EFFECTIVE DATE: 11/5/2024, [3] AMENDMENT #: 13 DATE: 2024.11.05 09:45:09 -06:00

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

Yuri Hoverson, General Manager

Date

HO Control: 04/03/2017 A025 . Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media **HO Revision:**

The certificate holder is authorized to use an acceptable electronic/digital recordkeeping system, described and/or referenced in this paragraph (if none, enter N/A.)

00b

Certificate No.: A1LR190N

RSM Section I.13

The certificate holder is authorized the use of the following electronic/digital signature procedures (if none, enter "N/A").

RSM Section I.13

The certificate holder is authorized to use electronic media for the repair station and quality control manuals, if acceptable (if none, enter "N/A").

RSM Section I.13

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

Digitally signed by Michael G Moyer, Principal Maintenance Inspector (WP07) [1] SUPPORT INFO: FAA Template Change [2] EFFECTIVE DATE: 7/5/2017, [3] AMENDMENT #: 4 DATE: 2017.07.05 12:16:10 -05:00

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

Pfaffenberger, Paul, Quality Assurance Manager

Date

Operations Specifications

A449. Drug and Alcohol Testing Program

HQ Control: 08/30/2021

Certificate No.: A1LR190N

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:	A3 (CNQA)	
Address:		
Address:		
City:		
State:		
Zip code:		

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

Operations Specifications

on January 1 of any calendar year must submit an annual report upon request of the Administrator.

- e. The certificate holder has 50 or more safety-sensitive employees.
- 1. Issued by the Federal Aviation Administration.
- 2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Michael G Moyer, Principal Maintenance Inspector (WP07) [1] SUPPORT INFO: Due to a template Change [2] EFFECTIVE DATE: 12/15/2021, [3] AMENDMENT #: 8 DATE: 2021.12.15 17:09:28 -06:00

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

1-6-22

Travis Tyler, General Manager

Date

D100. Work to be Performed at a Place Other Than the Repair HQ Control: 05/20/2024 Station's Fixed Location(s) **HO 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
Work for which the repair station is rated.	RSM Section I.08	N/A

- 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 Charles E. Baxter, Principal Avionics Inspector (WP07) [1] SUPPORT INFO: Template update

[2] EFFECTIVE DATE: 11/5/2024, [3] AMENDMENT #: 5

DATE: 2024.11.05 09:46:20 -06:00

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

Yuri Hoverson, General Manager

Date