

Table of Contents

Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	02/11/2016	05/06/2019	10
002 Definitions and Abbreviations	12/14/2017	05/06/2019	3
003 Ratings and Limitations	04/03/2017	05/06/2019	3
004 Summary of Special Authorizations and Limitations	09/23/1998	05/06/2019	4
007 Designated Persons	12/19/2006	10/30/2014	6
449 Antidrug and Alcohol Misuse Prevention Program	07/17/2009	10/09/2014	3

Table of Contents

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	05/06/2019	3

A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 05e

a. These operations specifications are issued to CHANTILLY AIR 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:
10761 James Payne Court
Manassas, Virginia 20110

Mailing Address:
10761 James Payne Court
Manassas, Virginia 20110

b. The holder of these operations specifications is the holder of certificate number ZH9R864J 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./EU Aviation Safety Agreement Repair Station/Maintenance Organization Approvals not authorized.

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.

Delegated authorities: None

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



Digitally signed by Robert P Nolan, Principal Avionics Inspector (EA27)
[1] EFFECTIVE DATE: 5/6/2019, [2] AMENDMENT #: 10
DATE: 2019.05.06 08:47:39 -05:00

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

Digitally signed by Jeffrey H Windham, FAA Accountable Manager, 145
DATE: 2019.05.03 13:20:12 -05:00

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 Robert P Nolan, Principal Avionics Inspector (EA27)
[1] EFFECTIVE DATE: 5/6/2019, [2] AMENDMENT #: 3
DATE: 2019.05.06 08:47:39 -05:00

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

Digitally signed by Jeffrey H Windham, FAA Accountable Manager, 145
DATE: 2019.05.03 13:33:42 -05:00

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>
Accessories - Electrical	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to the performance of Inspection, Testing, and Servicing of Lead Acid, NiCad and Emergency Power Supply Batteries in accordance with Aircraft Manufacturers and Component Maintenance Manuals.
Radio	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to the performance of ATC Transponder Test and Inspections in accordance with Title 14 CFR Part 43, Appendix F.
Instruments	From the accepted Capability List, as amended	From the accepted Capability List, as amended.	Limited to the performance of Altimeter, Static System, and Altitude Reporting Equipment Tests and Inspections in accordance with Title 14 CFR Part 43, Appendix E.
Airframe	From the accepted Capability List, as amended	From the accepted Capability List, as amended.	Limited to the performance of Inspections, Maintenance, Preventative Maintenance, Alterations, and Repairs in accordance with Manufacturers Maintenance Manuals and or other previously approved data by the Administrator.
PowerPlant	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to the performance of Inspections, Maintenance, Preventative Maintenance, Alterations, and Repairs in accordance with Manufacturers Maintenance Manuals and or other previously approved data by the Administrator.

Limited Ratings - Specialized Services

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

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



Digitally signed by Robert P Nolan, Principal Avionics Inspector (EA27)
[1] EFFECTIVE DATE: 5/6/2019, [2] AMENDMENT #: 3
DATE: 2019.05.06 08:47:40 -05:00

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

Digitally signed by Jeffrey H Windham, FAA Accountable Manager, 145
DATE: 2019.05.02 15:32:53 -05:00

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 acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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

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



Digitally signed by Robert P Nolan, Principal Avionics Inspector (EA27)
[1] EFFECTIVE DATE: 5/6/2019, [2] AMENDMENT #: 4
DATE: 2019.05.06 08:47:40 -05:00

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

Digitally signed by Jeffrey H Windham, FAA Accountable Manager, 145
DATE: 2019.05.06 08:05:51 -05:00

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
FAA Accountable Manager, 145	Foster, Wesley J.	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
Foster, Wesley J.	wesfoster@chantillyair.com	703-348-4397	ALL

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



Digitally signed by Mark W France, Principal Maintenance Inspector (EA27)
[1] EFFECTIVE DATE: 8/30/2021, [2] AMENDMENT #: 7
DATE: 2021.08.30 13:03:10 -05:00

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

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

30 AUG 2021

Wesley J. Foster, FAA Accountable Manager, 145 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:	A3(703) 361-8253
Address:	10761 James Payne Court
Address:	N/A
City:	Manassas
State:	VA
Zip code:	20110

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.

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



Digitally signed by Wayne Skaggs, Principal Maintenance Inspector (EA27)

[1] EFFECTIVE DATE: 10/9/2014, [2] AMENDMENT #: 3

DATE: 2014.10.09 08:04:09 -05:00

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

A handwritten signature of Oskar Zayas is written over a horizontal line.

10/10/14

Zayas, Oskar, FAA Accountable Manager, 145

Date

**D100 . Work to be Performed at a Place Other Than the Repair HQ Control: 11/16/2004
Station Fixed Location(s) 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
From the accepted Capability List, as amended	Repair Station Manual, Section 1.4.2	Repair Station Manual, Section 1.4.2

- 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 Robert P Nolan, Principal Avionics Inspector (EA27)
[1] EFFECTIVE DATE: 5/6/2019, [2] AMENDMENT #: 3
DATE: 2019.05.06 08:47:40 -05:00

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

Digitally signed by Jeffrey H Windham, FAA Accountable Manager, 145
DATE: 2019.05.02 15:41:42 -05:00



REPAIR STATION AND QUALITY MANUAL

PAGE: C-1
REVISION: 9
DATE: 11/18/20

APPENDIX C – CAPABILITIES LIST

Appendix C – Capabilities List

Following this page is the Chantilly Air, Inc. Capabilities List.



REPAIR STATION AND QUALITY MANUAL

APPENDIX C -- CAPABILITIES LIST

PAGE: C-2
REVISION: 9
DATE: 11/18/20

THIS PAGE INTENTIONALLY LEFT BLANK



Chantilly Air

*Repair Station
Capabilities List*

List of Effective Pages

<i>Item</i>	<i>Page</i>	<i>Rev date</i>
Airframe Capabilities List	3	23 Nov 2021
Powerplant Capabilities List	4	23 Nov 2021
Radio Capabilities List	5	23 Nov 2021
Instrument Capabilities List	6	23 Nov 2021
Accessory Capabilities List	7	23 Nov 2021

High Lights of Changes:

Added Grumman American AA-5 Series

Added Lycoming O-360 Series

Airframe Capabilities List

Make	Model	Limitation
Aero Commander	500S	Limited to the performance of Inspections, Maintenance, Preventative Maintenance, Alterations and Repairs in accordance with Manufacturers Maintenance Manuals and or other previously approved data by Administrator.
Cessna	400 & 525 Series	
Bombardier	BD-100-1A10 (CL-300)	
Bombardier	CL-600-2B16 (CL-604/605/650)	
Cirrus	SR22 Series	
Learjet	20 Series	
Learjet	30 Series	
Learjet	45	
Learjet	55 Series	
Learjet	60	
Honda Aircraft	HA-420 Series	
Grumman American	AA-5 Series	
Gulfstream	G-IV	
Daher Aerospace	TBM 700 Series	
Hawker Beechcraft	400A, 800XP & 900XP	
Beechcraft	King Air 200 Series	
Embraer	ERJ-135	
Piper	PA-46-500TP (Malibu Meridian) PA-28-181	
Pilatus	PC-12 Series	

Powerplant Capabilities List

Make	Model	Limitation
Lycoming	IO-540 Series O-360 Series	Limited to the performance of Inspections, Maintenance, Preventative Maintenance, Alterations and Repairs in accordance with Manufacturers Maintenance Manuals and or other previously approved data by Administrator.
Continental	IO-550 Series	
Continental	TSIO-550 Series	
Honeywell	TFE731 Series	
Honeywell	AS907 Series	
Pratt & Whitney	PT6A Series	
Pratt & Whitney	PW305 Series	
Pratt & Whitney	JT15D Series	
General Electric	CF34 Series	
Williams	FJ44 Series	

Radio Capabilities List

Transponders

Make	Model	Limitation
Bendix King	KT-76A Series	
Collins Aerospace	TDR-94 Series	
Garmin	GTx-345 Series	
Honeywell Aerospace	RCZ-851 Series	
Honeywell Aerospace	KXP-2290 Series	
Textron Aviation	GTx-3000 Series	
Trig	TT21 Series	Limited to the performance of ATC Transponder Tests and Inspections in accordance with Title 14 CFR Part 43, Appendix F.

Instrument Capabilities List

ADC/Altimeters

Make	Model	Limitation
Aero Mechanism	8140B Series	Limited to the performance of Altimeter, Static System, and Altitude Reporting Equipment Tests and Inspections in accordance with Title 14 CFR Part 43, Appendix E.
Aerosonic	7634208001-003	
Collins Aerospace	ALT-4000 Series	
Collins Aerospace	ADC-3000 Series	
Collins Aerospace	ADC-850 Series	
Collins Aerospace	ALT-55 Series	
Honeywell Aerospace	KSG-7200 Series	
Honeywell Aerospace	AM-250 Series	
Honeywell Aerospace	AZ-840 Series	
L3	ESI 1000 Series	
Mid-Continent Ind.	8047-700-53	
Smiths Industries	WL102AMS6	
Textron Aviation	122-382142-13 Series	

Accessory Capabilities List

Batteries

Make	Model	Limitation
Concorde	RG Series	
Gill	G Series	
Hawker	9750 Series	
Saft	1000 Series	
Saft	2000 Series	
Saft	3000 Series	
Saft	4000 Series	
L3	PS823 Series	
L3	PS835 Series	
L3	PS850 Series	
L3	PS855 Series	
Page Aerospace	D734-02-001	
United Batteries	MRB10-600	

