

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number RQ4R501M

This certificate is issued to

Duncan Aviation, Inc.
d/b/a Duncan Avionics

whose business address is

2900 NW 59th Street
Fort Lauderdale, Florida 33309

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

with the following ratings:

Radio
Limited Airframe (06/11/2003)
Limited Accessory (06/11/2003)

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

Date issued:

September 11, 1986

By direction of the Administrator

Sergio Lopez
Manager South Florida FSDO-19

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

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

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A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 060

a. These operations specifications are issued to Duncan Aviation, 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:
2900 NW 59th Street
Fort Lauderdale, Florida 33309

b. The holder of these operations specifications is the holder of certificate number RQ4R501M 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.

Duncan Avionics
Delegated authorities:

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



Digitally signed by James Williams, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 2/17/2016, [2] AMENDMENT #: 11
DATE: 2016.02.17 12:59:07 -06:00

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

Digitally signed by Jeffrey L King, Chief Inspector, Components/Satellites
DATE: 2016.02.18 07:18:33 -06:00

	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

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



2012.03.26 15:06:42 Central Daylight Time
Location: WebOPSS
Digitally signed by Marlyn P Beisner,
Principal Avionics Inspector (CE09)

4. Date Approval is effective: 03/23/2012 Amendment Number: 6
5. I hereby accept and receive the Operations Specifications in this paragraph.

King, Jeffrey L., Chief Inspector, Components/Satellites

A handwritten signature in black ink, appearing to read "J. King".

Date: 03/23/2012

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

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	<p>Limited to diagnosis, calibration, adjustments, removal, replacement and installation of radios, instruments and instrument systems, including instrument panels, radio antennas and wiring as defined in Title 14 CFR 145.59(d) and (e).</p> <p>--- NOTE: This excludes any adjustments of instruments not specified in the aircraft manufacturer's maintenance instructions or other instructions for continued airworthiness.</p> <p>Diagnosis, removal and replacement of cabin entertainment, cabin lighting, and cabin convenience items.</p> <p>Perform RVSM inspections and RVSM systems certification. The work must be performed in accordance with an FAA approved RVSM maintenance program or any FAA approved RVSM maintenance program contained in any Title 14 CFR 91.409(f) inspection program.</p> <p>Altimeter system(s) and altitude reporting equipment tests and inspections required by Title 14 CFR 91.411.</p> <p>--- Non-RVSM certificated aircraft: The tests and inspections shall be performed using 14 CFR 43, Appendix E, or the manufacturer's current maintenance instructions.</p> <p>--- RVSM certificated aircraft: FAA approved RVSM maintenance program is required.</p> <p>Airframe Maintenance and Preventive Maintenance excluding: --- Complete inspections to airframe, powerplants</p>

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	All (12,500 lbs MGTOW or less per TCDS)	All	<p>and propellers. --- Removal, disassembly and installation of powerplants, propellers, primary flight controls & landing gear components and associated actuators.</p> <p>Limited to aircraft that weigh 12,500 lbs maximum gross take-off weight (MGTOW) or less per the Type Certificate Data Sheet. Limited to the following:</p> <p>Diagnosis, calibration, adjustments, removal, replacement and installation of radios, instruments and instrument systems, including instrument panels, radio antennas and wiring as defined in Title 14 CFR 145.59(d) and (e).</p> <p>--- NOTE: This excludes any adjustments of instruments not specified in the aircraft manufacturer's maintenance instructions or other instructions for continued airworthiness.</p> <p>Diagnosis, removal and replacement of cabin entertainment, cabin lighting, and cabin convenience items.</p> <p>Perform RVSM inspections and RVSM systems certification. The work must be performed in accordance with an FAA approved RVSM maintenance program or any FAA approved RVSM maintenance program contained in any Title 14 CFR 91.409(f) inspection program.</p> <p>Altimeter system(s) and altitude reporting equipment tests and inspections required by Title 14 CFR 91.411.</p> <p>--- Non-RVSM certificated aircraft: The tests and inspections shall be performed using 14 CFR 43, Appendix E, or the manufacturer's current maintenance instructions.</p> <p>--- RVSM certificated aircraft: FAA approved RVSM maintenance program is required.</p> <p>Airframe Maintenance and Preventive Maintenance excluding: --- Complete inspections to airframe, powerplants and propellers. --- Removal, disassembly and installation of powerplants, propellers, primary flight controls & landing gear components and associated actuators.</p>
Accessories - Electrical	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to removal, replacement, repair, servicing and testing.

Limited Ratings - Specialized Services

Rating

None Authorized.

Specifications

Limitations

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



Digitally signed by Larry Becherer, Principal Maintenance Inspector (CE09)
[1] SUPPORT INFO: FAA Form 8310-3 dated 02/05/2013
[2] EFFECTIVE DATE: 2/26/2013, [3] AMENDMENT #: 6
DATE: 2013.02.26 08:10:02 -06:00

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

Digitally signed by Jeffrey L King
DATE: 2013.02.26 08:07:13 -06:00

A004. Summary of Special Authorizations and Limitations

HQ Control: 9/23/1998
HQ Revision: 010

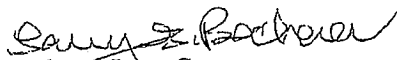
a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

	<u>Reference Paragraphs</u>
Use an approved 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*:

Use Exemptions.	A005
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. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference: Air Agency's letter dated November 30, 2007.
3. These Operations Specifications are approved by direction of the Administrator.


Becherer, Larry G.

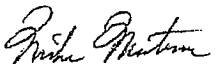
Principal Maintenance Inspector

CE09

4. Date Approval is effective: 2/6/08

Amendment Number: 5

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


Mertens, Michael R.

Manager of Regulatory Compliance

Date: 2/6/08

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

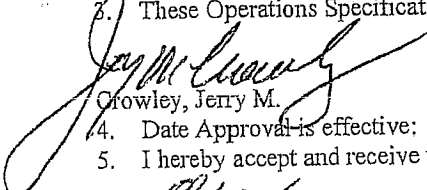
Title	Name	Parts Authorized
FAA Accountable Manager, 145	Nelson, Matthew Q.	A,D
Manager of Regulatory Compliance	Mertens, Michael R.	A,D
Chief Inspector, Components/Satellites	King, Jeffrey L.	A,D

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
Mertens, Michael R.	mike.mertens@duncanaviation.com	(402) 475-2611	ALL
King, Jeffrey L.	jeff_king@duncanaviation.com	(402) 475-2611	ALL

1. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference: Air Agency's letter dated July 30, 2007.
3. These Operations Specifications are approved by direction of the Administrator.


Crowley, Jerry M.

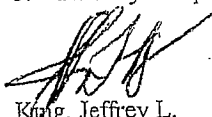
Principal Avionics Inspector

CE09

4. Date Approval is effective: 8/2/07

Amendment Number: 8

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


King, Jeffrey L.

Chief Inspector, Components/Satellites

Date: 8/2/07

A025 . Electronic/Digital Recordkeeping System,
Electronic/Digital Signature, and Electronic Media

HQ Control: 11/16/2004

HQ Revision: 00a

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

Electronic recordkeeping system as referenced in Duncan Aviation Repair Station General Operating Manual (RSGOM).

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

Electronic/Digital Signature System (ESO) procedures as outlined in the Duncan Aviation RSGOM.

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

An electronic copy of the RSGOM shall be posted within five working days as referenced in the Duncan Aviation RSGOM.

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



2010.06.09 12:53:41 Central Daylight Time
Location: WebOPSS
Digitally signed by Larry Becherer,
Principal Maintenance Inspector (CE09)

4. Date Approval is effective: 06/09/2010

Amendment Number: 2

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

Mertens, Michael R., Manager of Regulatory Compliance

Handwritten signature of Michael R. Mertens in black ink.

Date: 06/09/2010

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: JGVA194F
Address:	
Address:	
City:	
State:	
Zip code:	

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



2010.06.09 12:57:19 Central Daylight Time
Location: WebOPSS
Digitally signed by Larry Beeherer,
Principal Maintenance Inspector (CE09)

4. Date Approval is effective: 06/09/2010 Amendment Number: 5
5. I hereby accept and receive the Operations Specifications in this paragraph.

Mertens, Michael R., Manager of Regulatory Compliance

Michael R. Mertens

Date: 06/09/2010

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Part D

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100 Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)	11/16/2004	02/26/2013	5

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

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

Table 1

Work Authorized	Repair Stations Manual References	Quality Control Manual References
All items listed in paragraph A003 are authorized.	Duncan Aviation, Inc. Repair Station General Operating Manual (RSGOM).	see Duncan Aviation, Inc. RSGOM

- 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 Larry Becherer, Principal Maintenance Inspector (CE09)
[1] SUPPORT INFO: FAA change.
[2] EFFECTIVE DATE: 2/26/2013, [3] AMENDMENT #: 5
DATE: 2013.02.26 10:48:00 -06:00

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

Digitally signed by Jeffrey L King
DATE: 2013.02.26 10:33:58 -06:00