

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number KC2R947K

This certificate is issued to

AIRCRAFT SYSTEMS, INC.

whose business address is

5187 FALCON ROAD
ROCKFORD, ILLINOIS 61109

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

REPAIR STATION

with the following ratings:

ACCESSORY (9/7/2000)
LIMITED POWERPLANT (1/11/1979)
SPECIALIZED SERVICE (3/8/1988)
LIMITED PROPELLER (9/7/2000)

This certificate, unless canceled, suspended, or revoked, shall continue in effect until INDEFINITELY.

Date issued:

By direction of the Administrator

NOVEMBER 29, 1971


DONALD W. BRIGHAM
ACTING MANAGER, DUPAGE FSDO

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

A003. Ratings and Limitations

HQ Control:
HQ Revision:

12/16/98
00c

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

Accessory Class 1: Mechanical Accessories

Accessory Class 2: Electrical Accessories

Accessory Class 3: Electronic Accessories

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
PowerPlant	Continental	A-65 Series, A-75 Series, C-85 Series, C-90 Series, O-200 Series, O-300 Series, GO-300 Series, E-185 Series, E-225 Series, IO-360 Series, TSIO-360 Series, O-470 Series, IO-470 Series, TSIO-470 Series, IO-520 Series, GTSIO-520 Series and TSIO-520 Series	Inspection, maintenance, engine component replacement, cylinder removal and replacement not involving disassembly of the crankcase or removal of the accessory or nose case.
	Lycoming	O-235 Series, O-290 Series, O-320 Series, IO-320 Series, O-360 Series, IO-360 Series, TIO-360 Series, GO-480 Series, GSO-480 Series, IGSO-480 Series, O-540 Series, IO-540 Series, IGO-540 Series, IGSO-540 Series, TIO-540 Series, TIO-541 Series, TIGO-541 Series and IO-720 Series	Inspection, maintenance, engine component replacement, cylinder removal and replacement not involving disassembly of the crankcase or removal of the accessory or nose case.
	Pratt & Whitney	R-985 Series and R-1340 Series	Inspection, maintenance, engine component replacement, cylinder removal and replacement not involving disassembly of the crankcase or removal of the accessory or nose case.

Print Date: 9/6/2000

A003-1
Aircraft Systems, Inc.

CERTIFICATE NO.: KC2R947K

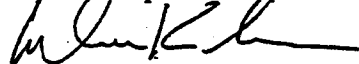
Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Propellers	All	All	Dynamic Balancing of Type Certificated Propeller / Engine combinations, using Dynamic Solutions Systems Microvib Analyzer 1001, in accordance with manufacturers instructions as amended.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Non Destructive Testing (NDT): Magnetic Particle Inspection Liquid Penetrant Inspection	MIL-I-6868E MIL-I-6866 Type I Fluorescent and Type II Non-Fluorescent	Use the methods, techniques, and practices prescribed in the current manufacturers maintenance manual or Instructions for Continued Airworthiness, or other methods, techniques, and practices acceptable to the Administrator.

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

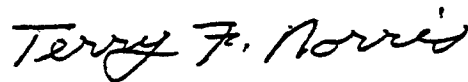


Simms, Dennis K.

Principal Avionics Inspector

GL03

3. Date Approval is effective: 9/7/00 Amendment Number: 1
4. I hereby accept and receive the Operations Specifications in this paragraph.



Norris, Terry F.

President

Date: 9/7/00

A007. Designated Persons

HQ Control: 12/19/06
HQ Revision: 030

a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Table 1 – Designated Persons to Apply for and Receive Authorizations

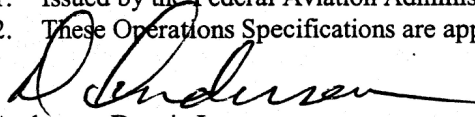
Title	Name	Parts Authorized
President	Norris, Terry F.	A
(Not Applicable)	Norris, Terry F. Jr.	A

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
Norris, Terry F.	ACS5187@hotmail.com	(815) 399-0225	All

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


Anderson, Dennis L.

Principal Maintenance Inspector

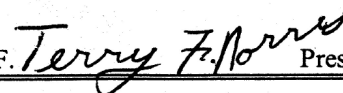
GL03

3. Date Approval is effective: 1/25/07

Amendment Number: 2

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

Norris, Terry F.


President Pres.

Date: 1/25/07

A449. Antidrug and Alcohol Misuse Prevention Program

HQ Control: 01/22/04
HQ Revision: 000

- 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 sightseeing operation as defined by 14 CFR §135.1(c).
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 121 appendices I and J 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

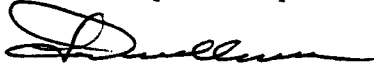
Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:	
Telephone Number:	815-399-0225
Address:	5187 Falcon Road
Address:	
City:	Rockford
State:	IL
Zip code:	61109

d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
 - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention Program Records are kept.
 - (b) If the certificate holder's number of safety-sensitive employees goes to 50 and above, or falls below 50 safety-sensitive employees.
- (3) The certificate holder with 50 or more employees performing a safety-sensitive function on January 1 of the calendar year must submit an annual report to the Drug Abatement Division of the FAA.
- (4) The certificate holder with fewer than 50 employees performing a safety-sensitive function on January 1 of any calendar year must submit an annual report upon request of the Administrator, as specified in the regulations.

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

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



Duellman, Thomas F.

Principal Maintenance Inspector

GL03

3. Date Approval is effective: 7/7/05

Amendment Number: 1

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



Norris, Terry F.

President

Date: 7/7/05

AIRCRAFT SYSTEMS, INC.

AIR AGENCY CERTIFICATIONS & OPERATION SPECIFICATIONS

FAA Certified Repair Station # KC2R947K Issued 11-29-71

Ratings & Limitations

Accessory (9/7/00)

Class 1: Mechanical Accessories,

Class 2: Electrical Accessories

Class 3: Electronic Accessories

Limited Powerplant (1/11/79)

Continental; A-65, A-75, C-85, C-90, O-200, O-300, GO-300, E-185, E-225, IO-360, TSIO-360, O-470, IO-470, TSIO-470, IO-520, GTSIO-520, & TSIO-520.

Lycoming; O-235, O-290, O-320, IO-320, O-360, IO-360, TIO-360, GO-480, GSO-480, IGSO-480, O-540, IO-540, IGO-540, IGSO-540, TIO-540, TIO-541, TIGO-541, & IO-720.

Pratt & Whitney; R-985, & R-1340

Limitations: Inspection, maintenance, engine component replacement, cylinder removal & replacement not involving disassembly of the crankcase or removal of the accessory or nose case.

Limited Propeller (9/7/00)

All manufactures, all models.

Limitations: Dynamic balancing of Type Certificated Propeller / Engine Combinations, using Dynamic Solutions Systems Microvib Analyzer 1001, in accordance with manufactures instructions as amended.

Specialized Service (3/8/88)

Non Destructive Testing (NDT):

Magnetic Particle Inspection per MIL-I-6868E, Liquid Penetrant Inspection per MIL-I-6866 Type I Fluorescent & Type II Non-Fluorescent.

Limitations: Use the methods, techniques, & practices prescribed in the current manufactures maintenance manual or Instructions for Continued Airworthiness, or other methods, techniques, & practices acceptable to the Administrator.

ANTI-DRUG & ALCOHOL PROGRAM # E-EA-0010-U [D-GL-4143]

Consortium: National Association of Drug Free Employees, Inc.

811 Jericho Turnpike, Suite 202W

Smithtown, NY. 11787-3220

Ph. 516-361-6287 Fax 516-361-8893

Implementation dates:

Anti-Drug Program, 12-11-90.

Alcohol Misuse Prevention Program, 7-01-95.

Number of covered employees: 6 Permanent Aircraft Maintenance Personnel.

Aircraft Systems, Inc. certifies the above information to be accurate.