

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number A0YR197L

This certificate is issued to

"A" SYSTEM HYDRAULICS, INC.

whose business address is

7885 N.W. 56TH STREET
MIAMI, FLORIDA 33166

*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

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

Date issued:

NOVEMBER 1, 1995

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

Karl Specht
Maintenance Organisation Oversight Section Manager
Flight Standards Directorate

The Quality Manager
A System Hydraulics, Inc.
7885 NW 56th Street
Miami, Florida 33166
United States of America

2018(D) Adonis no.54924
KSP/ape/FS.1.4
Cologne, 12.12.2018

Subject: Renewal of EASA Part-145 approval
Reference: L6/Rev 1/EASA.145.4001/FAA.AOYR197L
Attachment: EASA Part-145 approval certificate

Dear Sir or Madam,

Following a positive recommendation from the **FAA** the European Aviation Safety Agency hereby confirms the renewed validity of your EASA Part-145 approval until **01 February 2021**, subject to continued compliance with FAR 145 and the EASA special conditions in accordance with the Agreement between the United States of America and the European Community on Cooperation in the Regulation of Civil Aviation Safety and the Maintenance Annex Guidance (MAG):

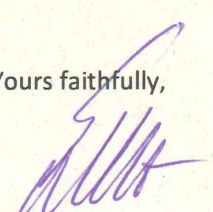
A System Hydraulics, Inc.

EASA Part-145 Approval certificate reference number:

EASA.145.4001

You are reminded that you will be required to submit your next renewal paperwork package in accordance with the MAG which is available on our web site at www.easa.europa.eu.

Yours faithfully,



Karl Specht





U.S. APPROVAL CERTIFICATE

EASA.145.4001

Taking into account the provisions of Article 12 of Regulation (EC) 216/2008 of the European Parliament and of the Council and the bilateral agreement currently in force between the European Community and the Government of the United States of America, the European Aviation Safety Agency (EASA) hereby certifies:

A System Hydraulics, Inc.

FAA NUMBER: A0YR197L
7885 NW 56th Street
Miami, Florida 33166
United States of America

as a Part-145 maintenance organization approved to maintain the products listed in the FAA Air Agency Certificate and associated Operations Specifications and issue related certificates of release to service using the above reference, subject to the following conditions:

1. The scope of the approval is limited to that specified on the 14 CFR part 145 repair station Air Agency Certificate, and the associated Operations Specifications for work carried out in the United States (unless otherwise agreed in a particular case by EASA).
2. The approval scope shall not exceed the permitted EASA Part-145 ratings as detailed in Regulation EC (No) 1321/2014.
3. This approval requires continued compliance with 14 CFR part 145 and the differences as specified in the Maintenance Annex Guidance (MAG), including the use of the FAA Form 8130-3 for release/return to service of components up to and including power plants.
4. Certificates of return to service must quote the EASA Part-145 approval reference number quoted above and the 14 CFR part 145 Air Agency Certificate number.
5. Subject to compliance with the foregoing conditions, this approval shall remain valid until:

01 February 2021

unless the approval is surrendered, superseded, suspended or revoked.

Date of issue: **12 December 2018**

Signed

A handwritten signature in purple ink, appearing to be 'M. H. ...', is written over the 'Signed' text.

For EASA

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Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	02/11/2016	02/17/2016	7
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003 Ratings and Limitations	01/30/2004	04/01/2004	4
004 Summary of Special Authorizations and Limitations	09/23/1998	12/02/2005	2
007 Designated Persons	12/19/2006	01/11/2007	4
449 Antidrug and Alcohol Misuse Prevention Program	07/17/2009	03/31/2010	3

Repair Station located outside the United States A certificated repair station located outside of the United States.

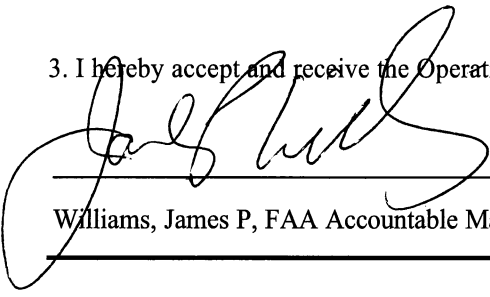
RSM Repair Station Manual

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



Digitally signed by Gordon E Schmidt, Principal Avionics Inspector (SO19)
[1] EFFECTIVE DATE: 2/17/2016, [2] AMENDMENT #: 6
DATE: 2016.02.17 07:02:55 -06:00

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



Williams, James P, FAA Accountable Manager, 145 Date 02/19/16

A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 060

a. These operations specifications are issued to A System Hydraulics, 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:
7885 NW 56 Street
Miami, Florida 33166

b. The holder of these operations specifications is the holder of certificate number A0YR197L 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 and located within the United States performs maintenance and/or an alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of the U.S./EU Safety Agreement, Annex 2, Maintenance, between the FAA and the EU.

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

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:	A1 (305) 477-4212
Address:	7885 NW 56th Street
Address:	N/A
City:	Miami
State:	FL
Zip code:	33166-3523

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.



2010.03.31 15:47:07 Central Daylight Time
Location: WebOPSS
Digitally signed by Louis Arrazola on
behalf of WHITE, DONALD, Principal
Maintenance Inspector (SO19)

4. Date Approval is effective: 03/31/2010 Amendment Number: 3
5. I hereby accept and receive the Operations Specifications in this paragraph.

Williams, James P, President

A large, stylized handwritten signature in black ink, appearing to read "James P. Williams".

Date: 03/31/2010

A002 . Definitions and Abbreviations

HQ Control: 02/11/2016

HQ Revision: 05c

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.
CFR	Code of Federal Regulations
Class rating	As used with respect to the certification, ratings, privileges, and limitation of aircraft 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	An approval provided to a repair station located outside the United

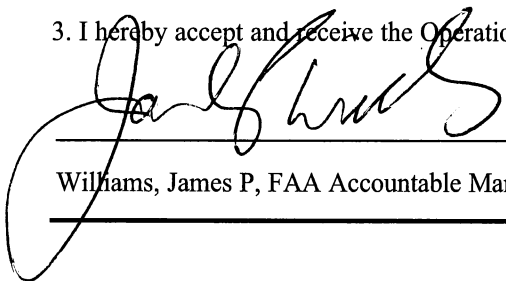
Authorization	States to perform maintenance support under contract for a U.S. air carrier (or an operator of U.S.- registered aircraft under 14 CFR Part 129) at a location other than the repair station facility. A geographic authorization is issued by the FAA to respond to a U.S. air carrier's or Part 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 Agreement, Annex 2, Maintenance.
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.
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.

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



Digitally signed by Gordon E Schmidt, Principal Avionics Inspector (SO19)
[1] EFFECTIVE DATE: 2/17/2016, [2] AMENDMENT #: 7
DATE: 2016.02.17 07:42:21 -06:00

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

 _____



Williams, James P, FAA Accountable Manager, 145 Date

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>
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449

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

Use Exemptions.	A005
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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 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 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.

Carmona, Luis

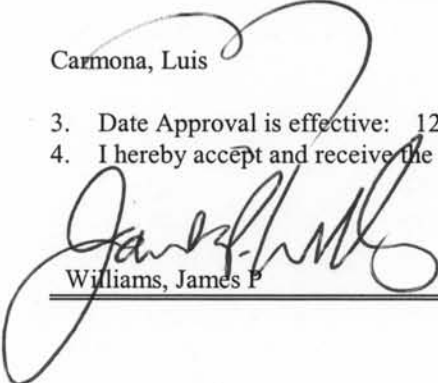
Principal Maintenance Inspector

SO19

3. Date Approval is effective: 12/2/05

Amendment Number: 2

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


Williams, James P

FAA Accountable Manager, 145

Date: 12/2/05

A003. Ratings and Limitations

HQ Control: 01/30/04
HQ Revision: 010

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

Class Ratings

Accessory Class 1: Mechanical Accessories

Accessory Class 2: Electrical Accessories

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
None			

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.

Carmona, Luis

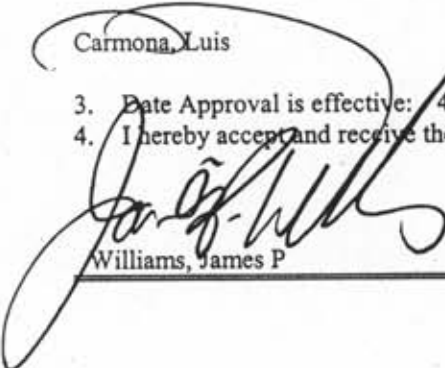
Principal Maintenance Inspector

SO19

3. Date Approval is effective: 4/1/04

Amendment Number: 4

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


Williams, James P

FAA Accountable Manager, 145

Date: 4/1/04

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>
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449

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

Use Exemptions.	A005
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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 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 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.

Carmona, Luis

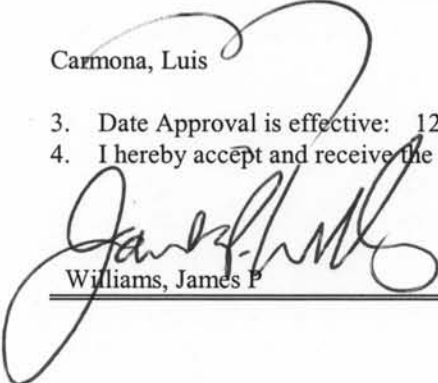
Principal Maintenance Inspector

SO19

3. Date Approval is effective: 12/2/05

Amendment Number: 2

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


Williams, James P

FAA Accountable Manager, 145

Date: 12/2/05

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 / President	Williams, James P	A
Chief Inspector	Stone, Jerry	A
EASA Accountable Manager, 145 / President	Williams, James P	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
Williams, James, P.	asysqa@bellsouth.net	305-477-4212	ALL

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

Carmona, Luis

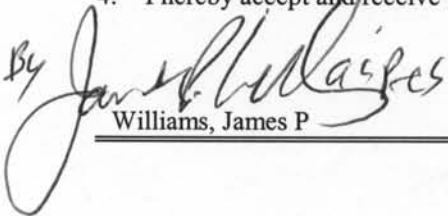
Principal Maintenance Inspector

SO19

3. Date Approval is effective: 1/11/07

Amendment Number: 4

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

By 

Williams, James P

FAA Accountable Manager, 145

Date: 1/11/07

**“A”
System
Hydraulics, Inc.**



FAA Repair Station A0YR197L
EASA 145.4001 • Cage Code 1VGV3

7885 N.W. 56th. Street, Doral, FL 33166-3523 • Phone: (305) 477-4212 • Fax: (305) 477-9480
E-mail: asyshyd@bellsouth.net • www.asystemhydraulics.com

STANDARD OVERHAUL WARRANTY

“A” System Hydraulics, Inc. warrants the services performed to be free from defects in their workmanship at the time of delivery, provided however, that “A” System Hydraulics, Inc.’s liability shall be limited to replacing or repairing any part which may be damaged as a result of such defect.

The obligation of “A” System Hydraulics, Inc. under this warranty is limited to correction at its facility of any equipment which has performed at variance with these warranties and:

1. “A” System Hydraulics, Inc. is notified of such defects within ten (10) days of discovery.
2. The assembly is returned to “A” System Hydraulics, Inc. freight paid, within thirty (30) days after discovery of defects.
3. “A” System Hydraulics, Inc. disclaims responsibility for costs of removal, reinstallation or as sociated expenditures.
4. The assembly has been operated and maintained in accordance with current manufacturer’s manuals, operator handbooks, service bulletins, federal regulations, and written recommendations.
5. Proper records have been kept, especially installation dates when time in service is the only criterion.
6. The assembly has not experienced any foreign object damage.
7. If a warranty request is approved by “A” System Hydraulics, Inc., repairs will be completed and continued time applicable to the original overhaul transaction will prevail.
8. “A” System Hydraulics, Inc. will, at its discretion, determine whether or not failure or defect is covered under the terms of the warranty.



WARRANTY LIABILITY PERIODS WILL APPLY AS FOLLOWS:

1. **OVERHAUL**

Twelve (12) months from the date on tag or 1000 hours whichever occurs first.

2. **REPAIR**

Six (6) months from the date on tag or 500 hours whichever occurs first.

No warranty shall be honored if the unit has been tampered with or if any “A” System Hydraulics, Inc. seals have been removed or broken. Units which have been improperly used or stored shall not be considered for warranty.

“A” System Hydraulics, Inc. shall have no liability for consequential or special damages including, but not limited to, loss of use.

EXCLUSION OF ALL OTHER WARRANTIES

IT IS AGREED THAT THERE ARE NO WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE (INCLUDING WARRANTIES OF AIRWORTHINESS OR MERCHANTABILITY) FOR WORK DONE OR MATERIALS FURNISHED HEREUNDER EXCEPT THOSE WARRANTIES SET OUT ABOVE AND IN NO EVENT SHALL “A” SYSTEM HYDRAULICS, INC. BE RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY KIND. THE WARRANTY SET OUT ABOVE IS MADE IN LIEU OF ALL OTHER WARRANTIES AND MAY NOT BE ALTERED OR AMENDED WITHOUT THE EXPRESS WRITTEN APPROVAL OF AN AUTHORIZED OFFICER OF “A” SYSTEM HYDRAULICS, INC.