

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number BC3R392L

This certificate is issued to

INTERFACE AIR REPAIR, INC.

whose business address is

2470 CORAL ST.

VISTA, CALIFORNIA 92081

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:

Limited Airframe, Accessory, Powerplant (06/01/01)

Limited Non-Destructive Inspection (05/07/07)

Limited Specialized Service (07/08/09)

Limited Landing Gear (06/16/10)

Limited Propeller (06/16/10)

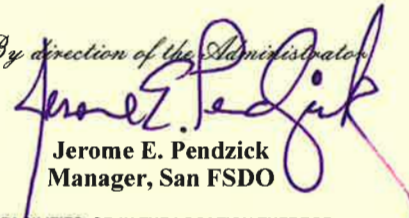
This certificate, unless canceled, suspended, or revoked, shall continue in effect **indefinitely.**

Date issued:

June 19, 1990

Reissued: December 4, 2012

By direction of the Administrator



**Jerome E. Pendzick
Manager, San 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

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A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 05e

a. These operations specifications are issued to Interface Air Repair, 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:
2470 Coral St.
Vista, California
92081

Mailing Address:
2470 Coral St.
Vista, California
92081

b. The holder of these operations specifications is the holder of certificate number BC3R392L 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

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



Digitally signed by Cody J Ingemansen, Principal Maintenance Inspector (WP09)
[1] EFFECTIVE DATE: 6/10/2016, [2] AMENDMENT #: 8
DATE: 2016.06.10 09:16:10 -05:00

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

Handwritten signature of Shana Duer in cursive script.

Duer, Shana, Chief Executive Officer

Handwritten date "6/10/16" in cursive script.

Date

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 Oded Moore, Principal Maintenance Inspector (WP09)
[1] SUPPORT INFO: New template
[2] EFFECTIVE DATE: 5/2/2019, [3] AMENDMENT #: 8
DATE: 2019.05.02 09:59:41 -05:00

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

Shana Duer

5/2/2019

Duer, Shana, Chief Executive Officer

Date

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.

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.	Epoly repairs in accordance with Interface Air Repair, Inc. process specification PS-1 thru PS-6 and PS-9 thru PS-10 as applicable. Also, Air Carrier Manuals, current manufacturer's data and other data approved by the administrator.
Propellers	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Epoly repairs in accordance with Interface Air Repair, Inc. process specification PS-1 thru PS-6 and PS-9 thru PS-10 as applicable. Also, Air Carrier Manuals, current manufacturer's data and other data approved by the administrator.
PowerPlant	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Epoly repairs in accordance with Interface Air Repair, Inc. process specification PS-1 thru PS-6 and PS-8 thru PS-10 as applicable. Also, Air Carriers Manuals, current manufacturer's data and other data approved by the administrator.
Landing Gear Components	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Epoly repairs in accordance with Interface Air Repair, Inc. process specification PS-1 thru PS-6 and PS-9 thru PS-10 as applicable. Also, Air Carrier Manuals, current manufacturer's data and other data approved by the administrator.
Accessories	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Epoly repair in accordance with Interface Air Repair, Inc. process specification PS-1 thru PS-10 as applicable. Also, Air Carriers Manuals, current manufacturer's data and other data approved by the administrator.
Accessories	All Turbine Engines	From the accepted Capability List, as amended.	Epoly repair of fuel and oil pumps including aluminum and magnesium housings in accordance with Interface Air Repair, Inc. process specifications PS-7 and PS-1 thru PS-6 and PS-9 thru PS-10 as applicable. Also, Air Carrier Manuals, current manufacturer's data and other data approved by the administrator.

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Accessories	All Turbine Engines	From the accepted Capability List, as amended.	Epoly repair of bores of aluminum fuel powered actuator and surfaces of their associated end caps in accordance with Interface Air Repair, Inc. Process Specification PS-8 and PS-1 thru PS-6 and PS-9 thru PS-10 as applicable. Also, Air Carrier Manuals, current manufacturer's data and other data approved by the administrator.
Accessories	Auxiliary Power Units	From the accepted Capability List, as amended.	Epoly repair of fuel and oil pumps including aluminum and magnesium housings, in accordance with Interface Air Repair Inc. Process Specifications PS-7 and PS-1 thru PS-6 and PS-9 thru PS-10 as applicable. Also, Air Carrier Manuals, current manufacturer's data and other data approved by the administrator.
Accessories	Auxiliary Power Units	From the accepted Capability List, as amended.	Epoly repair of bores of aluminum fuel powered actuator and surfaces of their associated end caps in accordance with Interface Air Repair, Inc. Process Specification PS-8 and PS-1 thru PS-6 and PS-9 thru PS-10 as applicable. Also, Air Carrier Manuals, current manufacturer's data and other data approved by the administrator.
Nondestructive Inspection, Testing, and Processing	N/A	N/A	Florescent Penetrant Inspection when performed on Airframe, Powerplant & Accessories referenced on the currently accepted Capability List in accordance with ASTM E-1417 as revised and the current applicable Maintenance Manuals or Air Carrier Manuals.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
EPOLY Surface Repairs	Process Specification PS-1 thru PS-6 and PS-9/PS-10.	Minor surface repair of all non-critical surfaces damaged or distressed by scoring, excess wear, gouging, erosion, corrosion and/or pitting. The installation and finish of bushings in accordance with Interface Air Repair, Inc. Process Specification PS-1 thru PS-6 and PS-9 thru PS-10 as applicable. Also, Air Carrier Manuals, current manufacturer's data and other data approved by the administrator.

Deleted LRSS Gas Tungsten Arc Welding as requested by repair station on 6/1/2010.

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



Digitally signed by Oded Moore, Principal Maintenance Inspector (WP09)
[1] SUPPORT INFO: New template
[2] EFFECTIVE DATE: 5/2/2019, [3] AMENDMENT #: 12
DATE: 2019.05.02 09:59:35 -05:00

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

Shana Duer 5/2/2019

Duer, Shana, Chief Executive Officer

Date

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

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

	Reference Paragraphs
Use Exemptions.	A005
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
Perform maintenance with EASA ratings where the scope of work is authorized by a BASA/MAG (U.S.-EU), MIP/MaG (U.S.-Swiss).	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 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 Cody J Ingemansen, Principal Maintenance Inspector (WP09)
[1] EFFECTIVE DATE: 9/7/2016, [2] AMENDMENT #: 6
DATE: 2016.09.07 10:17:20 -05:00

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

Shana Duer 09/07/2016

Duer, Shana, Chief Executive Officer

Date

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 / Chief Executive Officer	Duer, Shana	A,D
Director of Maintenance / Director of Quality Control	Scales, Galen	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
Shana Duer	shana.duer@epoly.com	760-598-4300	ALL
Galen Scales	galen.scales@epoly.com	760-598-4300	ALL

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



Digitally signed by Cody J Ingemansen, Principal Maintenance Inspector (WP09)
[1] EFFECTIVE DATE: 6/7/2016, [2] AMENDMENT #: 10
DATE: 2016.06.07 09:16:16 -05:00

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

Duer, Shana, Chief Executive Officer

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:	A1 (760 598-4300)
Address:	2470 Coral St.
Address:	N/A
City:	Vista
State:	CA
Zip code:	92081

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.



Digitally signed by Cody J Ingemansen, Principal Maintenance Inspector (WP09)
[1] EFFECTIVE DATE: 9/7/2016, [2] AMENDMENT #: 5
DATE: 2016.09.07 10:19:13 -05:00

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

Shana Duer

09/07/2016

Duer, Shana, Chief Executive Officer

Date

Karl Specht
Maintenance Organisation Oversight Section Manager
Flight Standards Directorate

The Quality Manager
INTERFACE AIR REPAIR, INC
2470 Coral St.
Vista, California 92081
United States of America

2018(D) Adonis no.52759
KSP/ape/FS.1.4
Cologne, 09.07.2018

Subject: Renewal of EASA Part-145 approval
Reference: L6/Rev 1/EASA.145.4571/FAA.BC3R392L
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 August 2020**, 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):

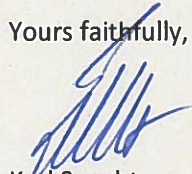
INTERFACE AIR REPAIR, INC

EASA Part-145 Approval certificate reference number:

EASA.145.4571

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.145.4571

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:

INTERFACE AIR REPAIR, INC

FAA NUMBER: BC3R392L

2470 Coral St.

Vista, California 92081

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 August 2020

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

Date of issue: **09 July 2018**

Signed

For EASA



August 12, 2019

PLEASE SIGN AND KEEP WITH YOUR RECORDS

Ms. Shana Duer
Interface Air Repair
2470 Coral Street
Vista, CA 92081

Dear Ms. Duer:

This letter confirms that INTERFACE AIR REPAIR is enrolled with Drug Testing Networks random drug and alcohol testing program pursuant to the Department of Transportation (DOT) 49 CFR Part 40 and The Federal Aviation Administration (FAA) 14 CFR Part 120.

Effective Start Date of Program	August 07, 2019
Program Expires	August 06, 2020
Program Manager	Ms. Shana Duer
Member since	August 07, 2001
FAA Certificate Number	00027-U

Veronica Gamino
Veronica Gamino
DRUG TESTING NETWORK INC.
Account Representative

I certify that I am authorized to represent this company in this matter and that the information in this document is correct to the best of my knowledge and belief and that the company I represent will comply with the provisions of the Federal Department of Transportation Drug and Alcohol Program regulations. I understand employees of this company will not be placed in a random pool until all pre-employment drug tests have been completed. All pre-employment drug tests will be completed within 30 days of above date.

Ms. Shana Duer
Drug and Alcohol Program Manager

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Interface Air Repair, Inc.

Main Site: 2470 Coral Street, Vista, California 92081 USA

(see appendix for additional sites and additional site scopes)

Has been audited and registered by Intertek as meeting the requirements of the standards:

AS9110:C and ISO 9001:2015

The management system is applicable to:

Development and performance of the EPOLY Repair process for the restoration of worn or damaged parts for aviation, military, industrial and marine components.

Certificate Number

0095596-01

Initial Certification Date

20 October 2011

Certificate Issue Date

12 December 2019

Certificate Reissue Date

Certificate Expiry Date

11 December 2022



Intertek



A handwritten signature in black ink, appearing to read "Calin Moldovean", written over a horizontal line.

Calin Moldovean

President, Business Assurance

Intertek Testing Services NA, Inc. dba Intertek
4700 Broadmoor Avenue S.E.,
Kentwood, MI, USA



EPOLY® - PROCESS SPECIFICATIONS

PS-9: EPOLY® CONTINUED AIRWORTHINESS STANDARDS

August 14, 2013
Revision "B"
Page 1 of 3

GENERAL:

This Process Specification sets forth the requirements for the continued airworthiness of **EPOLY®** restored, repaired and coated surfaces of housings and assemblies for the following typical components: Fuel and oil pumps, actuators, valves, heat exchangers and fuel controls.

DISTRIBUTION:

A copy of these instructions is to be delivered to each operator of **EPOLY®** coated products and to customers of each new repair and routing developed by Interface Air Repair.

FREQUENCY:

Every **EPOLY®** coated surface is to be inspected each time the product or component is disassembled for any reason. Inspections are to be conducted at intervals in accordance with the operator's approved maintenance program, OEM standards or these instructions.

LIMITATIONS:

1. **EPOLY®** restored or repaired surface coatings are not subject to calendar time limitations or limited by hours or cycles of operation. If not rejected for service related distress, they may be returned to service.
2. The maximum operating temperature of **EPOLY®** is 490°F.
The minimum operating temperature of **EPOLY®** is minus 65°F.
3. Localized corrosion, erosion or cavitation pitting in, under or adjacent to **EPOLY®** surface coatings, which exposes bare parent material, is cause for rejection if over 0.010 inch deep or not smooth.
4. Localized scoring and/or all sharp edges due to FOD or wear in or directly adjacent to **EPOLY®** surface coatings, which exposes bare parent material, is cause for rejection if over 0.005 inch deep or not smooth.

THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO INTERFACE AIR REPAIR, INC. AND IS PROVIDED FOR REVIEW AND INSPECTION BY USER ONLY. NEITHER THIS DOCUMENT NOR ANY OF THE INFORMATION CONTAINED THEREIN SHALL BE REPRODUCED, TRANSFERRED, DISCLOSED TO OTHERS, OR USED FOR ANY PURPOSE OTHER THAN THOSE STATED ABOVE WITHOUT PRIOR WRITTEN PERMISSION OF INTERFACE AIR REPAIR, INC.

EXAMINED & APPROVED

DATE 8/16/13
BY [Signature]
FAA WPFSDO-09
SAN DIEGO, CA

EPOLY® is a Registered Trademark of CMc Products, Inc., an Affiliate Company

EPOLY® - PROCESS SPECIFICATIONS

PS-9: EPOLY® CONTINUED AIRWORTHINESS STANDARDS

August 14, 2013
Revision "B"
Page 2 of 3

PRECAUTIONS:

Do not expose **EPOLY®** coated surfaces to the following:
Strong concentrations of mineral or oxidizing acids.
Strong and/or hot caustic solutions or vapors.
Alodining and/or anodizing cleaners and solutions.
Plating cleaners and solutions.
Paint, paint remover or paint thinner.

CLEANING:

Clean oil, fuel, grease, hydraulic fluid or other foreign material contamination from **EPOLY®** coated surfaces with warm water and soap or mild petroleum solvents.

INSPECTION:

1. Inspect **EPOLY®** restored or repaired surfaces and parent material surfaces immediately adjacent to the **EPOLY®**, for the following conditions, which are cause for rejection and possible rework:
Contamination of **EPOLY®** with foreign material, scoring, excessive wear, corrosion, erosion, or cavitation pits.
2. Inspect all edges of **EPOLY®** coated surfaces, paying particular attention to those edges adjacent to the inlet and outlet ports of pump housings, actuators and valves using a 5 or 10 power magnifying glass. The following conditions are cause for rejection and possible rework:
 - a. **EPOLY®** surfaces which are delaminated from their parent material base.
 - b. Roughness, sharp or feather edges.
 - c. Corrosion, erosion or cavitation pitting, scoring, gouging, tearing or cracking.
 - d. Parent material made bare by rework, galling, fretting, disassembly, corrosion, erosion, and/or cavitation.

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EXAMINED & APPROVED

DATE 8/16/13
BY [Signature]
FAA WPFSDO-09
SAN DIEGO, CA

EPOLY® is a Registered Trademark of CMc Products, Inc., an Affiliate Company

EPOLY® - PROCESS SPECIFICATIONS

PS-9: EPOLY® CONTINUED AIRWORTHINESS STANDARDS

August 14, 2013
Revision "B"
Page 3 of 3

REWORK:

Rework for the rejected conditions shown above can be accomplished as follows:

- a. Delaminated **EPOLY®** surfaces are to be returned to Interface Air Repair for repair evaluation.
- b. Localized roughness, sharp or feather edges are to be lightly smoothed and blended flush with crocus cloth or No. 400 emery cloth.
- c. Corrosion, erosion or cavitation pitting, scoring, gouging, tearing or cracking are to be repaired in accordance with the OEM component maintenance manual, or other OEM rework or repair instructions, assuring that:
 - i. All limitations above, and OEM limitations, are adhered to.
 - ii. All parent metal corrosion is glass bead peened, in accordance with proper industry standards, to remove every trace of corrosion.
 - iii. OEM, operator or limitations mentioned above for minimum wall thickness are strictly followed.
 - iv. All parent material made bare by rework, scoring, disassembly, corrosion, erosion, and/or cavitation pitting, galling and/or fretting must be cleaned and coated locally with conversion coating in accordance with OEM, operator or industry standards.
- d. Inspection rejected housings and other components containing **EPOLY®** coated surfaces should be returned to Interface Air Repair for repair evaluation and recommendation.

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RETURN TO SERVICE:

1. Prior to reassembly, lightly coat **EPOLY®** coated surfaces with silicone grease, turbine oil, hydraulic fluid or OEM recommended lubricant, as appropriate.
2. Perform final inspection, reassembly and testing in accordance with instructions of the OEM component maintenance manual.

EXAMINED & APPROVED

DATE 8/16/13
BY Chris Allen
FAA WPFSDO-09
SAN DIEGO, CA

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