



US Department
of Transportation
Federal Aviation
Administration

**MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)**

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N87567	Serial No. 129	
	Make Republic	Model RC-3	Series
2. Owner	Name (As shown on registration certificate) Ostronik KC	Address (As shown on registration certificate) Address 101425 Overseas Hwy #822	
		City Key Largo	State FL
		Zip 33037	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	Alexander Poules	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic		
Address	200 Woody Hill Rd	<input type="checkbox"/>	Foreign Certificated Mechanic		
City	Hope Valley State RI	<input type="checkbox"/>	Certificated Repair Station		
Zip	02832 Country USA	<input type="checkbox"/>	Certificated Maintenance Organization		37365627

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>Alexander Poules</i> 04/02/2012
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. 37365627	Signature/Date of Authorized Individual <i>Alexander Poules</i> 04/02/2012
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

N87567

04/02/2012

8. Description of Work Accomplished

Nationality and Registration Mark

Date

Installed Airwolf P/N AFC-K010 remote mount oil filter kit on this aircraft in accordance with the Installation Instructions No. AFC-K010-II, (first released 11/01/95, ammended 01/08/2000).

The installation of this kit is approved for insallation on this aircraft per Airwolf Filter Corporation STC SA00433NY, item #6 on Approved Model List (AML) Installation of Remote Mount Oil Filter Original Issue Date May 7, 1996, Amended July 21, 1999.

This system requires on condition repairs only.

This equipment has been tested and does not adversely affect any other modification to this aircraft.

The aircraft's weight and balance / equipment list, has been revised.

Instructions for Continued Airworthiness Form AFC-K010-ICA, Revised 10/01/00 is attached to this FAA Form 337, and will be added to this aircraft's permanent records.

————— END —————

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA00433NY

This certificate issued to Airwolf Filter Corp
15369 MADISON ROAD
Middlefield, OH 44082

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product -- Type Certificate Number : See Attached Approved Model List (AML)

Makes : Cessna Aircraft Corp. & Univair

Model : See Attached Approved Model List

Description of Type Design Change: Installation of Airwolf remote mounted engine oil filter Model AFC-500 or AFC-600 on multi engine fixed wing light aircraft incorporating Franklin reciprocating engines of 450 horsepower or less. Oil filter kit and installation instructions are specified in the attached Approved Model List.

Limitations and Conditions : 1) Engine compartment firewall for mounting oil filter shall be of .021 inch minimum thickness ASTM A527 galvanized steel or equivalent (Ref. CAR 3.624(b), FAR 23.119(h).

2) Airwolf Maintenance Instructions AFC-K010-MI, dated November 1, 1995 are required with this installation.

3) Compatibility of this design change with previously approved modifications must be determined by the installer.

4) If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : November 01, 1995

Date reissued :

Date of issuance : May 07, 1996

Date amended : May 7, 1997, July 21, 1999



By direction of the Administrator

(Signature)

for Vito A. Pulera
Manager
New York Aircraft Certification Office

(Title)

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

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Form AFC-K010-ICA Revised 10/01/00

A/C Make: REPUBLIC Model: RC-3 S/N: 129 Reg#: N87567

Revision: Date: 4/2/12

This sixteen item checklist are Instructions for Continued Airworthiness (ICA), to comply with FAA Handbook Bulletin for Airworthiness (HBAW-98-18 Dated October 7, 1998), are applicable to the aircraft above when the following equipment is installed:

SYSTEM: Airwolf Remote Mount Oil Filter System.

Airwolf Filter Corp.
15369 Madison Rd
Middlefield, OH 44062



ITEM	CHECKLIST INFORMATION
1.	<p>Introduction: This section briefly describes the aircraft, engine, propeller, or component that has been altered. Include and other information on the content, scope, purpose, arrangement, applicability, definitions, abbreviations, precautions, units of measurement, referenced publications, and distribution of the ICA as applicable.</p> <p>Comment: <u>REPUBLIC SEABEE RC-3</u> with Franklin <u>6A8-215-B9F</u> engine. <div style="display: flex; justify-content: space-around; font-size: small;"> Aircraft Model Engine Model </div> </p>
2.	<p>Description: Of the major alteration, it's function including an explanation of it's interface with other systems, if any.</p> <p>Comment: Installation of Airwolf Remote Mounted Oil Filter Kit P/N AFC-K010</p>
3.	<p>Control: Operation information: Or special procedures if any.</p> <p>Comment: Pre-heating of both the engine and engine oil is recommended prior to starting the engine during periods of cold weather where the temperature is 30°F or below.</p>
4.	<p>Servicing information: Such as types of fluids used, servicing points, and location of access panels, as appropriate.</p> <p>Comment: Oil System to be serviced in accordance with Franklin Service Bulletin. Oil should be changed at least once each 12 months. Cut the old filter open with Airwolf AFC-470 oil filter cutter at each oil change and inspect for metal contamination or any evidence that may indicate impending engine problems.</p>
5.	<p>Maintenance Instructions: Such as recommended inspection/maintenance periods in which each of the major alteration components are inspected, cleaned, lubricated, adjusted, tested, including applicable wear tolerances and work recommended at each scheduled maintenance period. This section can refer to the manufactures instructions for the equipment installed where appropriate e.g. functional checks, repairs, inspections.) It should also include any special notes, cautions, or warnings as applicable.</p> <p>Comment: Inspect for security at each annual or 100 hr . inspection. After any oil change, always ground run the engine and check for leaks before flight.</p>
6.	<p>Trouble shooting information: Information describing probably malfunctions, how to recognize those malfunctions, and the remedial actions to be taken.</p> <p>Comment: <u>N/A</u></p>
7.	<p>Removal and replacement information: This section describes the order and method of removing and replacing products, parts, and any necessary precautions. This section should also describe or refer to the manufacture's instructions to make required tests trim checks, alignment, calibrations, center of gravity changes, lifting or shoring, etc., if any.</p> <p>Comments: <u>N/A</u></p>
8.	<p>Diagrams: Of access plates and information, if needed, to gain access for inspection.</p> <p>Comment: <u>N/A</u></p>
9.	<p>Special Inspection requirements: Such as X-ray, ultrasonic testing, or magnetic particle inspection, if required.</p> <p>Comment: <u>N/A</u></p>
10.	<p>Application of protective treatments: To the affected area after inspection and/or maintenance, if any.</p> <p>Comment: <u>N/A</u></p>

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Form AFC-K010-ICA Revised 10/01/00

11.	<p>Data: Relative to structural fasteners such as type, torque, and installation requirements if any.</p> <p>Comment: <u> N/A </u></p>
12.	<p>List of special tools: Special tools that are required, if any.</p> <p>Comment: <u> N/A </u></p>
13.	<p>For commuter category aircraft: The following additional information must be furnished, as applicable:</p> <ul style="list-style-type: none"> A. Electrical Loads B. Methods of balancing flight controls. C. Identification of primary and secondary structures> D. Special repair methods applicable to the airplane. <p>Comment: <u> N/A </u></p>
14.	<p>Recommended overhaul periods: Are required to be noted on the ICA when an overhaul period has been set by the manufacturer of a component, or equipment. If there is no overhaul period, the ICA should state for item 14: "No additional overhaul time limitations."</p> <p>Comment: <u> N/A </u></p>
15.	<p>Airworthiness Limitation Section: Include any "approved" airworthiness limitations identified by the manufacturer of FAA type Certificate Holding Office (e.g., An STC incorporated in a larger field approved major alteration may have an airworthiness limitation.) The FAA inspector should not establish, alter, or cancel airworthiness limitations without coordinating with the appropriate FAA type Certificate Holding Office. If there are no changes to the airworthiness limitations, the ICA should state for item 15: "No additional airworthiness limitations" or " Not Applicable."</p> <p>Comment: <u> N/A </u></p>
16.	<p>Revision: This section should include information on how to revise the ICA. For example, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspection accepts the change by signing Block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (date <u>4/2/12</u>) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date <u>1/2/12</u>)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337.</p> <p>Comment: <u> A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (date <u>4/2/12</u>) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date <u>4/2/12</u>)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337. </u></p>

NOTE:

Implementation and Record Keeping: For major alterations performed in accordance with FAA Field Approval policy, the owner operator operating under part 91 is responsible for ensuring that the ICA is made part of the applicable section 92.409 inspection program for their aircraft. This is accomplished when a maintenance entry is made in the aircraft's maintenance record in accordance with section 43.9. This entry recorded the major alteration and identifies the original ICA location (e.g., Block 8 of FAA Form 337, dated 5/28/98) along with a statement that the ICA is now part of the aircraft's inspection/maintenance requirements.

For major alterations performed in accordance with field approval on air carrier aircraft, the air carrier operator is responsible for ensuring that the CIA is made part of the applicable inspection/maintenance program for their aircraft. If a procedure is not currently included in the operator's manual to incorporate ICA, this process will need to be appropriately addressed (i.e. the operator submits a revision to its maintenance program to the applicable certificate-holding district office (CHDO).

For aircraft inspected under an Approved Aircraft Inspection Program (AAIP), the operator will submit a change to the CHDO in accordance with section 135.419b).

For air carrier aircraft inspected using an annual/100 hour inspection program, a reference to the new ICA will be made in the aircraft's maintenance record in accordance with section 43.9. This entry records the major alteration and identifies the original ICA location (e.g., ICA are located/attached to Block 8 of FAA Form 337, dated 5/28/98). In addition, the operator will request a revision to the operator's Operations Specifications, additional maintenance requirements, which incorporates the ICA into the inspection program.

AIRWOLF FILTER CORPORATION STC SA00433NY

APPROVED MODEL LIST (AML)

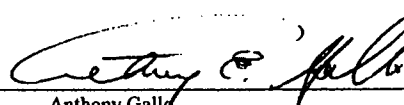
INSTALLATION OF REMOTE MOUNT OIL FILTER

ORIGINAL ISSUE DATE MAY 7, 1996

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NO.	KIT NO. AND INSTALLATION INSTRUCTIONS	AML AMENDMENT DATE
1	Cessna	170, 170A, 170B With Franklin Engines	A-799	Kit AFC-K010 Dated 11/1/95 Instructions AFC-K010-II Dated 11/1/95	N/A
2	Univair (Stinson)	108, 108-1, 108-2, 108-3, 108-5, With Franklin Engines	A-767	Kit AFC-K010 Dated 11/1/95 Instructions AFC-K010-II Dated 11/1/95	N/A
3	Cessna	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q With Franklin Engines	3A12	Kit AFC-K010 Dated 11/1/95 Instructions AFC-K010-II Dated 11/1/95	N/A
4	Maule	M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-220C With Franklin Engines	3A23	Kit AFC-K010 Dated 11/1/95 Instructions AFC-K010-II Dated 11/1/95	May 7, 1997
5	Commonwealth	180F, 190F	A-729	Kit AFC-K010 Dated 11/1/95 Instructions AFC-K010-II Dated 11/1/95	May 7, 1997
6	Sky (Republic)	RC-3	A-769	Kit AFC-K010 Dated 11/1/95 Instructions AFC-K010-II Dated 11/1/95	May 15, 1999

NOTE: CORRESPONDING MILITARY MODELS LISTED IN THE RESPECTIVE FAA TC DATA SHEET, ARE ALSO ELIGIBLE FOR THIS INSTALLATION.

FAA APPROVED



Anthony Gallo
Manager, Airframe and Propulsion Branch
New York Aircraft Certification Office