

MAR 18 1964 684 2406

FEDERAL AVIATION AGENCY					Form approved Budget Bureau No. 41-2032.4	
MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)						
1. AIRCRAFT	MAKE Republic	MODEL HO-3	SERIAL NO. 615	NATIONALITY AND REGISTRATION MARK 6386K		
2. OWNER NAME (First, middle, last) Marine International Diving & Salvage Co.		ADDRESS (Street and number, city, zone and State) 1402 West 8th St., Erie, Pa.				
3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 18.						
UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check)		
				MAJOR REPAIR	MAJOR ALTERATION	
a. AIRFRAME	***** (As described in item 1 above) *****				X	
b. POWERPLANT						
c. PROPELLER						
d. APPLIANCE	TYPE AND MANUFACTURER					
4. AIRCRAFT WEIGHT AND BALANCE DATA *AFTER the repairs and/or alterations described below were made.						
This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable.						
CATEGORY	EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*		USEFUL LOAD (Pounds)*		
Normal	2224.4	120.8		925.6		
5. CONFORMITY STATEMENT (Complete and check)						
a. AGENCY'S NAME AND ADDRESS Robert Smith Box 384 Berns Point, N.Y.			b. KIND OF AGENCY <input type="checkbox"/> U. S. Certificated Mechanic. <input type="checkbox"/> Foreign Certificated Mechanic. <input type="checkbox"/> Certificated Repair Station. <input type="checkbox"/> Manufacturer. <input type="checkbox"/> (Check if repair or alteration was made under delegation option procedures.)		c. CERTIFICATE NO. A23 1169513	
d. I certify that the repair and/or alteration made to the unit(s) identified under item 3 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 18 of the U. S. Civil Air Regulations and that the information furnished herein is true and correct to the best of my knowledge.						
3/2/64 (Date repair and/or alteration completed)			Robert Smith (Signature of authorized individual)			
6. APPROVAL FOR RETURN TO SERVICE (Check and complete appropriate items) Pursuant to the authority specified below the unit identified in item 3 was inspected in the manner proscribed by the Administrator of the Federal Aviation Agency and is						
3 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED		BY <input type="checkbox"/> FAA Designee <input type="checkbox"/> Manufacturer <input type="checkbox"/> Canadian Department of Transport Inspector of Aircraft <input type="checkbox"/> FAA Flight Standards Inspector <input type="checkbox"/> Repair Station <input checked="" type="checkbox"/> Other (Specify) Inspection Authorization				
3/2/64 (Date of approval or rejection)			Robert Smith A23 1169513 (Signature of authorized individual; title or identification number)			
7. TO BE COMPLETED ONLY BY FAA PERSONNEL						
a. <input type="checkbox"/> Forwarded for engineering comment <input type="checkbox"/> See attached memorandum						
b. <input checked="" type="checkbox"/> Accepted 3/19/64 <input type="checkbox"/> Reinspected _____ (Date) <input type="checkbox"/> Spot Checked _____ (Date)						
REGION GADO 17 (FAA designation number)			1-17 D. W. Wiser (Signature Flight Standards Inspector)			

INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

Installation of spray rails in accordance with Aero Products Engineering, Inc. STC SA2-1253. Permission to use this STC is limited to one aircraft only. Weight change /20 lbs. at Station 73.

Signed: AERO PRODUCTS ENGINEERING, INC.

Per:

James S. Addison
 James S. Addison - President

Installed Spray rails per dwg. 2029 rev.B of per STC SA2-1253	20 lbs. (73)	1460
Old Empty Weight	2204.4 lbs. (121.31)	267410
New Empty Weight	2224.4 lbs. (120.8)	268870
Pilot & pass.	340 lbs. (62)	21090
Pass. (2 rear)	340 lbs. (96)	32640
Oil	22.5 lbs. (136)	3060
Gas (37.2gal.)	223.1 lbs. (116)	25879.6
Most forward C.G. location at gross wt.	3150 lbs. (111.5)	351529.6

The most forward C.G location is 111.5" aft of datum and is within the limits of Spec. A769 rev. 12. As the B.W.C.G. has moved forward only the most forward load condition is computed. It is the pilots responsibility to assure proper loading of the aircraft. Equipment list revised to show the above change.

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.