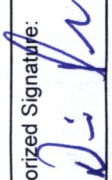


1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: RM-104833	
4. Organization Name and Address: Fortner Engineering & Manufacturing 918 Thompson Avenue Glendale, CA 91201-2012 USA Ph: 818-240-7740, Fax: 818-240-1009 FAA Approval Holder: PU3R776L		5. Work Order/Contract/Invoice Number: CUST PO : R391012 FEM JN: RM-104833				
6. Item 1	7. Description: SAFETY VALVE	8. Part Number: D31AB4433	9. Quantity: 1	10. Serial Number: 1847	11. Status/Work: REPAIRED	
12. Remarks: All work on your Repair Order# R391012 has been accomplished using FAA acceptable data listed on the attached teardown report for our Job# RM-104833, and the referenced data as follows: OHM/CMM ID: 32-31-17, Revision#: 7, Revision Date: 10/16/2018 FE&M certifies that the work specified in Blocks 11 and 12 was performed in accordance with EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under approval # EASA.145.4451						
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12		14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature:	13c. Approval/Authorization No.:		14b. Authorized Signature: 			
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.: PU3R776L			
		14d. Name (Typed or Printed): David Acoba		14e. Date (dd/mm/yyyy): 03/Mar/2022		
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1. It is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statement in Blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

Teardown Report 3/3/2022

PO# R391012	SYSTEM TRACKING REF. NO. RM-104833	
	FORTNER JOB NO. RM-104833	
Part Number D31AB4433 SAFETY VALVE	Serial Number 1847	

Removed From A/C G-VYGM A/C Position UNKNOWN RFR Confirmed No

Reason For Removal

U/S DURING FNC OF LANDING GEAR ISOLATION SAFETY VALVE MLG DOOR WILL NOT CLOSE, NO MATTER WHICH LGCIU IS ISOLATED

Receiving Inspection Findings

UNIT RECEIVED IN FAIR CONDITION. THE SEALS WERE WORN AS RECEIVED.

Primary Cause of Failure

IN SERVICE WEAR

OHM/CMM, A/D's Service Bulletins, Customer Instructions Complied With

32-31-17 Rev No:7 Revision Date:10/16/2018

Disposition of Part/Work Performed

DISASSEMBLED THE UNIT AND INSPECTED DETAIL PARTS FOR WEAR/FUNCTION. SEAL WEAR NOTED; SEALING SURFACES POLISHED TO A SERVICEABLE CONDITION. REPAIRED/REPLACED ALL OTHER DETAIL PARTS AS REQUIRED. PROCESSED THE UNIT FOR RETURN TO SERVICE WITH REPAIRED CERTIFICATION.

Disposition of Part SubAssemblies

EV5193-2-01 SOLENOID VALVE ASSY TEST IN-VA

Standard BOM

326791-022 B/U RING	QTY: 2, 329186-014 PACKING	QTY: 1, 329186-016 PACKING	QTY: 1,
8505-049 B/U RING	QTY: 6, D31AB4430-043 SEAL	QTY: 1, D31AB4430-044 SEAL	QTY: 1,
D31AB4430-046 SEAL	QTY: 1, NAS1611-010 PACKING	QTY: 1, NAS1611-018 PACKING	QTY: 2,
NAS1611-020 PACKING	QTY: 1, NAS1611-131 PACKING	QTY: 5, NAS1612-16 GASKET	QTY: 2,
NAS1612-6 GASKET	QTY: 1,		

Non-Standard BOM

341274-221 SLIPPER RING QTY: 1, 341270-016 PAD QTY: 1,

To the best of Fortner Eng. & Mfg., Inc.'s knowledge, this component has not been involved in any major incident, accident, or fire during its operation; nor was this component obtained from a government source.