

1. Approving National Aviation
Authority / Country:
FAA / UNITED STATES**AUTHORIZED RELEASE CERTIFICATE**
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

000000000002587176

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4. Organization Name and Address:

Simmonds Precision Products, Inc.
Operating as Goodrich, Sensors and Integrated Systems
100 Pantan Road
Vergennes, VT 05491-1008

5. Work Order/Contract/Invoice Number:

15323250
R223044

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
01	FUEL LEVEL SENSING UNIT	30042-0000-0401	N/A	1	Batch: 0008187622 SN: 154	REPAIRED

13. Remarks:

Purpose: Approval for Return to Service
Repaired per the manufacturer Component Maintenance Manual (CMM) 28-46-34 Rev 5 Date 4/28/1998 and E-6074-26 Rev- Date 11/10/2010.
Refer to repair order report for additional information as applicable.

Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 Approval Number EASA 145.4251

14. 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 13.

19. ☐ 14 CFR 43.9 Return to Service☒ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

15. Authorized Signature:	16. Approval / Authorization No.:	20. Authorized Signature:	21. Approval / Certificate No.:
		<i>Monica Baldwin</i>	CV1R074K
17. Name (Typed or Printed):	18. Date (m.d.y):	22. Name (Typed or Printed):	23. Date (m.d.y):
		MONICA BALDWIN	JAN 20 2014

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
Statements in Blocks 14 and 19 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.

FAA Form 8130-3 (6-01)

Paperwork Reduction Act Statement:

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a current valid OMB Control Number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Washington, DC 20503, Information Collection Clearance Officer, ABA-20.

* Installer must cross check eligibility with applicable technical data. NSN: 0052-00-012-9005

Simmonds Precision Products
GR Sensors&Integrated Systems
100 PANTON ROAD
VERGENNES VT 05491-1008
USA

STRIP REPORT



Printed on 01/20/2014 07:26:27
Repair Station FAA #CV1R074K

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Sales Order / Item 2953890/1020		Date Recd 01/20/2014		Part Number 30042-0000-0401		Description FUEL LEVEL SENSING UNIT	
SM Order 15323250	Serv Notif No 300884925	Qty 1.000	Quote date 01/16/2014	Accept Date 01/17/2014	Ship Date	In Serial No 154	
Cust Nbr 39640	Cust Name AJ WALTER AVIATION LTD			Cust PO R223044		Cust Part No	
Work Scope: REPAIR			Output part : 30042-0000-0401			Output Serial : 154	
Removal Code: FUNF 30042-0000-0401 154				Status/Work: REPAIRED			
Aircraft	Engine Type	Tail Nbr	Customer Serial Nbr			DOM	

Customer Reason for Return

R/H HIGH-LEVEL TEST FAILED
30042-0000-0401
S/N 154
DOM 1288
RO R223044

Preliminary Inspection

01/16/2014 00812500 MS
Visual-The handle is very loose.
Functional-Unit fails Temp Channel 1, it switches at 1204.5 upscale and 1203.6 ohms going downscale. The spec is to switch at 1210.1 +/- 2 ohms.

Work Performed

01/16/2014 00812500 MS
Removed the front cover and removed the A2 board. Adjusted Temp Channel 1 so that it now switches in spec.

Test Results

01/16/2014 00812500 MS
Unit passes Final Test per CMM 28-46-34 Rev 5, 4/28/1998 and E-6074-26 Rev -, 11/10/2010. Mark as Repair.

Inspection/ QA Acceptance

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Sales Order / Item		Date Recd	Part Number		Description	
2953890/1020		01/20/2014	30042-0000-0401		FUEL LEVEL SENSING UNIT	
SM Order	Serv Notif No	Qty	Quote date	Accept Date	Ship Date	In Serial No
15323250	300884925	1.000	01/16/2014	01/17/2014		154

01/20/2014 00812479 MAB
Perform Final Inspection in accordance with the Check Section of CMM 28-46-34 and
E-6074-26 .

Administrative Notes

PLEASE QUOTE BEFORE REPAIR

DOM 12/1988

QUOTES TO PROGRESSING@AJW-AVIATION.COM

OTHER QUERIES CONTACT GEORGIA TARLING