

1. Approving Civil Aviation Authority/Country: FAA/United States	2.	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: RN136291
4. Organization Name and Address: AMETEK Reynosa Service Center. Rio San Juan Av. Parque Industrial del Norte, Reynosa, Tam. MX. Cert # 24AY707Y				
6. Item: 1	7. Description: DIFF. PRESS. SWITCH	8. Part Number: 8TJ201JAA1	9. Quantity: 1	10. Serial Number: DTS2903
11. Status/Work: REPAIRED				5. Work Order/Contract/Invoice Number: R105287

12. Remarks:

The work specified has been accomplished in accordance with AMETEK ACMM GEK 112632 Rev. 2 dated May 11/15, ATA 77-30-01 and Repair Procedure 9461A10-918 Rev. 1 dated May 11/15. It has been Disassembled, Repaired, Calibrated, Reassembled, Inspected and Tested. For more details see tear down report. GE PN 2043M39P01
TSN/CSN: UNK TSO/CSO: UNK

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 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: XXXXXXXXXXXXXXXXXXXX	14b. Authorized Signature: 
13c. Approval/Authorization No.: XXXXXXXXXXXXXXXXXXXX	14c. Approval/Certificate No.: 24AY707Y
13d. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXX	14d. Name (Typed or Printed): Ivan Constante
13e. Date (dd/mm/yyyy): XXXXXXXXXXXXXXXXXXXX	14e. Date (dd/mm/yyyy): 16/Mar/2021

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.

Statements 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.

1. Approving Competent Authority / Country		3. Form Tracking Number			
EASA		RN136291			
4. Organisation Name and Address					
AMETEK REYNOSA SERVICE CENTER RIO SAN JUAN AV. PARQUE INDUSTRIAL DEL NORTE REYNOSA, TAMAULIPAS MEXICO 88730					
5. Work Order/Contract/Invoice	R105287				
6. Item	7. Description	8. Part No.	9. Qty	10. Serial No.	11. Status/Work
1	DIFF. PRESS. SWITCH	8TJ201JAA1	1	DTS2903	REPAIRED
12. Remarks					
The work specified has been accomplished in accordance with AMETEK ACMM GEK 112632 Rev. 2 dated May 11/15, ATA 77-30-01 and Repair Procedure 9461A10-918 Rev. 1 dated May 11/15, It has been Disassembled, Repaired, Calibrated, Reassembled, Inspected and Tested. For more details see tear down report. GE PN 2043M39P01 TSN/CSN: UNK TSO/CSO: UNK					
13a. Certifies that the items identified above were manufactured in conformity to:		14a. ☒ Part 145.A.50 Release to Service ☐ Other regulation specified in block 12			
Approved design data and are in condition for safe operation. Non-approved design data 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 Part-145 and in respect to that work the items are considered ready for release to service.			
13b. Authorized Signature	13c. Approval/Authorization Number	14b. Authorised Signature		14c. Certificate/Approval Ref. No.	
XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX			EASA 145.0420	
13d. Name	13e. Date (dd/mm/yyyy)	14d. Name		14e. Date (dd/mm/yyyy)	
XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	Iván Constante		16/Mar/2021	
XXXXXXXXXXXXXXXXXXXXXXXXXXXX					
EASA Form 1 - MF/CAO/145 Issue 3 USER/INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install. Where working in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, the user/installer shall ensure that their Airworthiness Authority accepts items from the Airworthiness Authority of the country specified in block 1. Statements 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.					

REYNOSA SERVICE CENTER
C/O Roser & J. Cowen
1701 E. Industrial Boulevard
Hidalgo, TX 78557
US



FAA # 24AY707Y
EASA# 145.0420
CAAC# F05200546

TEARDOWN REPORT

AMETEK Order Number : 119173

Repair Type : RSC SEN Repair



Model	: 8TJ201JAA1	Serial	: DTS2903
	: DIFFERENTIAL PRESSURE SWITCH	Number	
Customer	: AMETEK ANTAVIA		
Customer P.O.	: R105287		

Initial Receiving	: REASON FOR REMOVAL: INOP.
Evaluation / Comments	: The unit was tested IAW CMM: GEK-112632 Rev 2. Findings: An out of limit reading was found during the air pressure increment test. Work required: replace the balance seal and calibrate the unit.
Work Completed	: Work completed. The balance seal was replaced and the unit was calibrated satisfactorily in accordance with CMM: GEK-112632 Rev 2. It returns to service.



8TJ201JAA1
Final Test Data Sheet
Differential Pressure Switch
CMM: GEK 112632 Rev: 2

S/N: <u>DTS2903</u>	Test Date: <u>MAR/12/21</u>	SR: <u>119173</u>
TECHNICIAN: <u>AGM</u> EMPLOYEE No: <u>700400</u>	STAMP: <u>FINAL TEST 142</u> <u>AAR</u>	

2.D INSUALTION RESISTANCE TEST	SPEC/LIMIT	ACTUAL MΩ	✓/X
Apply 100 ± 10 VDC between pins 1 & 2 to the flange of the housing	≥ 10 MΩ	>9999	✓

2.F PERFORMANCE TEST	SPEC/LIMIT	ACTUAL RUN 1	ACTUAL RUN 2	✓/X
Zero pressure applied.	≥ 100 kΩ	>9999 kΩ	>9999 kΩ	✓
Increase the air pressure until the ohmmeter changes to 2 Ω Max.	24 ± 1 Psig	24.0 Psig	23.9 Psig	✓
Increase the air pressure until the pressure gauge indicates 65 Psig.	2 Ω Max	0.21 Ω	0.21 Ω	✓
Decrease the air pressure until the ohmmeter increases to 100 kΩ Min.	17.5 ± 5.5 Psig	20.1 Psig	20.1 Psig	✓
Decrease the air pressure until the pressure gauge indicates 0 Psig.	≥ 100 kΩ	>9999 kΩ	>9999 kΩ	✓

Inspector Stamp: 	Date: <u>MAR/16/2021</u>
AMETEK Quality	