

1. Approving Civil Aviation  
Authority/Country:

FAA/UNITED STATES

2.

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

104646472

4. Organization Name and Address:

Ensambladores Electrónicos de México S. de R.L. de C.V.  
Ave Sierra San Agustín # 2498 Col. Porvenir  
Mexicali, B.C., México CP 21185  
AIR Agency Certificate ED7Y210Y

5. Work Order/Contract/Invoice Number:

R225608

6. Item:

8. Part Number:

9. Quantity:

10. Serial No.

11. Status/Work:

1 BALL VLV ASSY - LAVA DRAIN

2651-334-8

1

0018

REPAIRED

12. Remarks:

All items reflected herein were repaired in compliance with the Federal Aviation Administration Regulation 43.3(e).

- This assembly was inspected/tested by CMM 523-0810424 REV: 7, Service Bulletins installed: None
- Repairs were performed in accordance to Service Memorandum 104646472
- Airworthiness Directive Complied with: N/A
- Customer PN: S417T105-21 and SN: 0018

13a. Certifies the items identified above were manufactured in conformity to:

☐ Approver design data and are in 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:

14c. Approval/Certificate No.:

14d. Name (Typed or Printed):

14e. Date (dd mmm yyyy)

Carlos Hernandez

ED7Y210Y

Carlos Hernandez/10634

04/Mar/2014

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 fly.



1. Approving Competent Authority/Country: <b>EASA</b>		2. <b>AUTHORISED RELEASE CERTIFICATE</b> EASA FORM 1			3. Form Tracking Number: <b>104646472</b>	
4. Organization Name and Address: <b>Ensambladores Electrónicos de México S. de R.L. de C.V. Ave Sierra San Agustín # 2498 Col. Porvenir Mexicali, B.C., México CP 21185 AIR Agency Certificate EASA.145.0328</b>				5. Work Order/Contract/Invoice: <b>R225608</b>		
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work	
1	BALL VLV ASSY - LAVA DRAIN	2651-334-8	1	0018	REPAIRED	
12. Remarks: All items reflected herein were repaired in compliance with the Part-145.A.50 and all parts and / or material used, conform to the design data.  <ul style="list-style-type: none"> <li>This assembly was inspected/tested by CMM 523-0810424 REV: 7. Service Bulletins installed: None</li> <li>Repairs was performed in accordance to Service Memorandum 104646472</li> <li>Airworthiness Directive Complied with: N/A</li> <li>Customer PN: S417T105-21 and SN: 0018</li> </ul>						
13a. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> approved design data and are in condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12						
13b. Authorized Signature		13c. Approval/Authorisation Number		14a. <input checked="" type="checkbox"/> Part-145.A.50 Return to Service <input type="checkbox"/> 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 Part-145 and in respect to that work the items are considered ready for release to service.		
13d. Name		13e. Date (dd/mm/yyyy)		14b. Authorized Signature <i>Carlos Hernandez</i>		14c. Certificate/Approval Ref. No. <b>EASA.145.0328</b>
				14d. Name <b>Carlos Hernandez/10634</b>		14e. Date (dd mmm yyyy) <b>04/Mar/2014</b>

# USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer works in accordance with regulations of an airworthiness authority different than the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in block 13a and 14a do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

**Service Memorandum**  
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<b>Service Notification: 104646472</b>		<b>Contract Number :</b>		<b>Repair Station Certificate #:</b>
Customer: AJ WALTER AVIATION LTD		Customer Reject Paper Number :		ED7Y210Y
Customer P.O. Number: R225608		Government Incoming Document Number:		Ensambladores Electronicos de Mexico S.
		Date Equipment Received : 01/29/2014		de R.L. de C. V.
				Ave. Sierra San Agustin #2498
				Col. El Porvenir C.P. 21185 Mexicali, B.C.
<b>Outgoing Equipment</b> Equipment Type/Model : Part Number : 2651-334-8 Serial Number/MCN : 0018 Description : BALL VLV ASSY - LA Mil Nomenclature : BALL VLV ASSY - LA		<b>Incoming Equipment</b> 2651-334-8 0018 BALL VLV ASSY - LA		<b>Aircraft Information</b> Type : Serial Number: Tail No : P4-FAS Position : Removed at Gateway: Date Unit Removed :
Customer Part Number : S417T105-21 Customer Serial Number: 0018		S417T105-21 0018		For Questions Regarding This Service Work, Please Contact Customer Service at: Phone : Fax :
<b>Customer Complaint/Instructions</b> Leakage. EASA FAA				
<b>Preliminary Inspection Results:</b> This unit contains human waste. The plate cover was missing.				
<b>Hidden Damage Inspection Results</b> N/A				
<b>Was the Complaint Verified? YES</b> Description of What Was Wrong with the Equipment: Customer complaint was verified. The unit showed leaks, because the Stem PN:2162-0027-17 and PN:2162-0027-16 was worn and corroded at the area contact of ball assembly and the seals PN:RS823-1 were broken due to a friction of operation. The plate cover PN:2038-0159-1 was missing (induced).		<b>Were There Any Defects Found? YES</b>		
<b>Airworthiness Directives</b> No AD's have been issued against Rockwell for this product.				



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**Service Memorandum**  
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**Description of Service Work Performed:**

Were replaced Stem PN:2162-0027-17, PN:2162-0027-16 and seals PN:RS823-1.  
Was installed new Plate cover PN:2038-0159-1.  
Washer PN:AN960C10L, Nut PN:BACN10JC3C, Pin PN:MS16562-211, O-ring PN:RS900U114 and O-ring PN: RS900U252 were replaced as part of reparation.  
This unit was tested and repaired by Mario Antonio Reyes in according with CMM-523-0810424 Ed 1, Rev 07.  
This unit has been disassembled, visually inspected, repaired as described, cleaned as required, reassembled and has passed the final test for return to service.

**Service Bulletins/Mods Installed This Return:**

None

**Outgoing Service Bulletin Configuration:**

None

**This Article Has Been Certified Airworthy**

On 03/04/2014 By Carlos Adrian Hernandez C.

Preliminary Inspection : 02/04/2014 By Alfredo Briteno

Final Test : 03/04/2014 By Mario Antonio Reyes

Tested Per 1 : CMM 523-0810424 ED. 1 REV. 07

Final Inspection : 03/04/2014 By Carlos Adrian Hernandez C.

**Defective / Failed Parts Replaced**

Part Number	Description	Circuit Symbol
2162-0027-17	STEM	A1
2162-0027-16	STEM	A2
RS823-1	SEAL ASSY	A3
2038-0159-1	COVER PLATE	A4

Rockwell Collins agrees that it will correct, without charge, any defect in the material or workmanship related to the service work it has performed hereunder, provided the product is returned to the same Rockwell Collins Service Facility that performed the original service work, subject to:

- Notice of the claimed defect must be given to Rockwell Collins within one (1) year from the date shipped.
- The defect must be related to the original service work performed. Service work is not deemed to be defective if failure is caused by aircraft/system deficiencies, customer caused damage/misuse, shipping or handling damage, or exposure to environmental conditions in excess of those published in the equipment specifications.

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**Service Memorandum**  
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- C. Equipment returned to a Rockwell Collins Service Facility must be packaged in the original shipping container or equivalent.
  - D. Rockwell Collins' obligation shall be limited to that specified herein, and in no event will Rockwell Collins be responsible for consequential damages.
- This guarantee is void if, prior to making claim, the equipment is altered or repair is attempted by parties other than Rockwell Collins.
- The above guarantee is in lieu of provision 5 of the Rockwell Collins Inc., Rockwell Collins Services, General Conditions of Sale. All other terms and conditions of that document remain in effect.