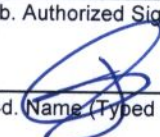


1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: W508239-4821141-1	
4. Organization Name and Address: Pacific Scientific Company DBA Meggitt Customer Services and Support E0TR292I 11700 NorthWest 102nd Road. Suite 6 Miami, FL 33178 USA				5. Work Order/Contract/Invoice Number: 1234290/OR0313019		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	ADVANCED ENGINE	241-298-002-015	1	AK51200	REPAIRED	
12. REMARKS: <div style="border: 1px solid black; padding: 10px; margin-top: 5px;"> Unit was repaired IAW manufacturers approved data. <div style="display: flex; justify-content: space-between;"> CMM 77-30-16 Rev: 5 Date: 4/9/2018 MFG: MEGGITT MSS FRIBOURG </div> <div style="margin-top: 20px;"> <p>C/W SB: 298-77-017 REV. 0, DTD: MAR 31/16</p> <p>TSN: 22186 CSN: 8678</p> </div> </div>						
Pacific Scientific certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5199						
13a. Certifies the items identified above were manufactured in conformity to: 14a <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 <div style="display: flex;"> <div style="width: 45%; padding-right: 10px;"> <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12 </div> <div style="width: 55%;"> 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. </div> </div>						
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
				 Juan Sampedro		E0TR292I
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				Juan Sampedro		17/Sep/2019
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)/propellers(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.						

Tear down, inspection report, certificate of conformance

Work order W508239
Date printed 9/17/2019
Time 2:25:39 PM
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To ATTN: SABASTIEN FIERRENS AAR INTERNATIONAL BRUSSELS 1930 ZAVENTEM LEUVENSESTEENWEG 573 SUITE 9A & 9B ZAVENTEM	Ship to AAR INTERNATIONAL BRUSSELS 1930 ZAVENTEM LEUVENSESTEENWEG 573 SUITE 9A ZAVENTEM, BELGIUM
---	--

PO Ref	1234290/OR0313019			E-mail	AABRUSSELSSM-03@AIRINMAR.COM;CUSTOMERSUPPORT@AIRINMAR.COM	
Code	113036	Tel	322416444	Fax		Descr ADVANCED ENGINE VIBRATION MONITOR
Qty	1	Site		Part	241-298-002-015	Model
Station	MIAMI	Make		Mfg	MSS-FRIBOURG	

VLV S/N		Engine number	
EXH VLV	RO #	Tail number	

Serial numbers AK51200

Notes C/W SB: 298-77-017 REV. 0, DTD: MAR 31/16

TSN: 22186 CSN: 8678

Symptoms

CUSTOMER REQUESTS INSPECT & REPAIR

REASON FOR REMOVAL: VIB INDICATION BLANK IN BOTH ENGINES

Faults

UNIT FAILED TEST.

UNIT RECEIVED WITH TAMPER SEAL INTACT AND NO MAJOR PHYSICAL DAMAGE NOTED, JUST A VERY SMALL DENT ON TOP OF THE COVER.

UNIT FAILED TEST. GPM NEEDS TO BE REPAIRED OR REPLACED IAW CMM 77-30-16 REV 5 DATED 09 APR 2018 IMPLEMENTATION OF SB 298-77-017 REV 0 MAR 31/16 MR8 WILL APPLY WHEN REPLACING MODULE.

MAJOR REPAIR ***

Corrective actions

REPAIR

REPAIRED IAW CMM 77-30-16 REV 5 DATED 09 APR 2018
COMPLIED WITH SB# 298-77-017 REV 0 MAR 31/16

Part number	Description	Qty needed	CD	Disposition
241-298-400-022	PRINTED CIRCUIT BOARD ASSEMBLY VPM	1	NE	Consumable

Certificate of Conformance

This certifies that the unit(s) shipped herewith have been subjected to all necessary tests, and test data showing conformance with the applicable specification, as well as test reports covering the material of these parts showing conformance with the applicable requirements, are enclosed or, are on file at this facility or at the manufacturer's plant.



Work order W508239
FAA repair station E0TR292I

Form 9

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Part number	241-298-002-015	Qty	1	Description	ADVANCED ENGINE VIBRATION MONIT
Serial	AK51200	Customer	AAR INTERNATIONAL BRUSSELS		
Technical data	Data type/Number/Revision/Revision date CMM 77-30-16 Rev: 5 Date: 4/9/2018				
		Customer PO	1234290/OR0313019		

Evaluation

Customers remark
CUSTOMER REQUESTS INSPECT & REPAIR
REASON FOR REMOVAL: VIB INDICATION BLANK IN BOTH ENGINES

Results from evaluation
UNIT FAILED TEST.
UNIT RECEIVED WITH TAMPER SEAL INTACT AND NO MAJOR PHYSICAL DAMAGE NOTED, JUST A VERY SMALL DENT ON TOP OF THE COVER.
UNIT FAILED TEST. GPM NEEDS TO BE REPAIRED OR REPLACED IAW CMM 77-30-16 REV 5 DATED 09 APR 2018
IMPLEMENTATION OF SB 298-77-017 REV 0 MAR 31/16 MR8 WILL APPLY WHEN REPLACING MODULE.

Work to be performed
REPAIR
MAJOR REPAIR ***
REPAIRED IAW CMM 77-30-16 REV 5 DATED 09 APR 2018
COMPLIED WITH SB# 298-77-017 REV 0 MAR 31/16

 2452281S	 2452281C
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1.0 Incoming Preliminary Insp

Work instructions

1.1 Verify technical data revision level

Verify the revision level and date of Reference Data from above in tech data.

All work will be performed in accordance with current CMM/ATA, DRAWING, DER REPAIR, OE and/or customer requirements associated with this unit.

Verified by: 

9.17.19
mo da yr

1.2 Initial Inspection



Work order W508239
FAA repair station E0TR292I

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1.2 Initial Inspection

Inspect the unit IAW reference data for any non-conforming conditions or unapproved parts.

Date of Manufacture (month/year): ____/____ Unknown ____

Date of last overhaul (month/year): 04/14 Unknown /

Record the findings in remarks if any:

Remarks: _____

Initial Inspection Completed by:



9.17.19
mo da yr

Stamp



2452275S



2452275C

2.0 Preliminary Inspection 1

Work instructions

2.0 Preliminary Inspection

Inspect the unit IAW reference data for any non-conforming conditions. Record the findings in remarks if any:

2.1 Performed Pre-test IAW approved NAA data by the customer and MFG.

Remarks: _____

Pre-Test Completed by:



9.17.19
mo da yr

Stamp



2452279S



2452279C

**Work order W508239**

FAA repair station E0TR292I


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3.0 Disassembly & Cleaning task**Work instructions****3.0 Disassembly & Cleaning**

3.1 Disassemble Article, inspect each component IAW approved data for any hidden damage or unapproved parts.

Remarks: _____

Performed by:  9.17.19
Stamp mo da yr

3.2 Clean dissembled components in accordance with approved data and/or any equivalent authorized procedures.

Performed by:  9.17.19
Stamp mo da yr

3.3 In progress Inspection of assembly. Inspect IAW approved data and tagged them as necessary for traceability.

Remarks: _____

Performed by:  9.17.19
Stamp mo da yr

2452277S



2452277C

4.0 Repair & Overhaul task**Work instructions****4.1 Assembly / Repair and Overhaul**

Inspect each part before assembly. All parts are to be in serviceable condition and free of damaged. Check for non approved parts.

Remarks: _____

Work Performed by:  9.17.19
Stamp mo da yr



Work order W508239

FAA repair station E0TR292I

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4.1 Assembly / Repair and Overhaul



2452276S



2452276C

5.0 Final Test task

Work instructions

5.1 Testing Of Assembly

Test article in accordance with manufacture specifications including drawing and ATP / CMM ATA and NAA approved data.

100% Visual Inspection | |
Pass

Remarks: _____

Tested by:



9/17/19
mo da yr

5.2 Cell Leader Acceptance

Inspect by cell that article and all components are in good shape and unit was assembled according to manufacturer configuration. Verify that all tasks have been performed and passed.

Verify the PN and SN number of the article match this work order.

Performed by:



09/17/2019
mo da yr

5.3 Final Inspection

All work was performed in accordance with Reference Data and/or Customer requirements.

This will only be performed by a Repairman or A&P authorized to do so on the current roster.

Verified by:



9/17/19
mo da yr



Work order W508239
FAA repair station E0TR292I

Form 9

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 2452278S	 2452278C
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6.0 Return To Service task

Work instructions

6.1 Return To Service

Inspect the unit IAW Manufacturer's Specifications, Current tech data and/or Customer requirements.

This certifies that the work specified in this work order was carried out in accordance with NAA airworthiness regulations and in respect to the work performed the part is approved for return to service.

Return to service by:


Signature

9/17/19
mo da yr



TEST REPORT


Subject: ACCEPTANCE TEST REPORT
Item: Engine Vibration Monitoring Unit
Type: EVM-298
MFR: S3960
PNR: 241-298-002-015
Cust. PNR: S362A001-13
Mod. Record: 4, 6, 7,8
SER: AK51200
DMF: 042014
Applicable Doc.: ATP-1356-07 rev 04
Software PNR: 299-500-000-014
Database PNR: 299-507-510-104
AU SER: AH16585
Operator: MCASTRO
Test Result: PASS
Started: 17 Sep 2019 08:30:55
Finished: 17 Sep 2019 09:37:47
Report generated: 17 Sep 2019 09:37:48
Report Location: P:\atp\atp1356_07r04_evm298/P-AK51200-20190917-094332.html
GTS Hostname: gtsxp0007
Comment:



Signature: _____



Department Approval: _____

 9-17-19