

1. Approving Civil Aviation  
Authority/Country:

2.

# AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:

86919557-10300-1

~~FAA/UNTED STATES~~

~~FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG~~

4. Organization Name and Address:

Pacific Scientific Company db/a Meggitt Customer Services and Support 11700 NW 102nd Rd Suite 6 MIAMI FL 33178-1029

E0TR2921

5. Work Order/Contract/Invoice Number:

PO #: 980668570/R417423

Item:

6. Item:

7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

11. Status/Work:

1

LOW PRESSURE COMPRESSOR BUFFER AIR VALVE

1020923-1

1 EA

LSGCAS6990

INSPECTED

12. Remarks:

Cycles Since New: 7962.00 EA Time Since New: 13866.68 HR  
Cycles Since Overhaul: UNK Time Since Overhaul: UNK  
Cycles Since Repair: UNK Time Since Repair: UNK

Pacific Scientific Company certifies that the work specified in Blocks 11 and 12 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA Part 145 Approval Number EASA.145.5199. Applicable Technical Docs: I.A.W. UTC CMP 75-24-34 REV.2 DATED 7/9/2019  
For work carried out, refer to Service Breakdown Report for Service Order 45459646

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:

14c. Approval/Certificate No.:

13d. Name(Typed or Printed):

13e. Date(dd/mm/yyyy):

14d. Name(Typed or Printed):  
MARCOS CERNA

14e. Date(dd/mm/yyyy):  
18 OCT 2023

E0TR2921

## 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.

# Service Breakdown Report

Sold to  
HAMILTON SUNDSTRAND CORP  
1 Hamilton Road  
WINDSOR LOCKS CT 06096-1000  
USA

Page 1 of 1  
Date 10/18/2023  
Service notification 350562744  
Meggit quality notification  
Service order/Report No 45459646  
Sales order 9953490343  
Customer PO# 980668570/R417423  
Customer quality ref  
Customer Part#

## Equipment serviced here

Item	Part number/ Description	Serial number	Mod Status/Revision
1	1020923-1 LOW PRESSURE COMPRESSOR BUFFER AIR VALVE	LSGCAS6990	- / -
Applicable Technical Docs:		I.A.W. UTC CMP 75-24-34 REV.2 DATED 7/9/2019	

## Failure / complaint (as reported by customer)

REMOVED DUE TO T/S ENG 2 AIR SYSTEM FAULT.

CSN: 7962.00

TSN: 13866.68

CSO: UNK

TSO: UNK

CSR: UNK

TSR: UNK

NO ENGINE SERIAL NUMBER PROVIDED

## Findings

UNIT PASSED ALL FUNCTIONAL TESTS. NO FAULT FOUND.

UNIT REQUIRES BENCH CHECK AND TESTING IAW CMP 75-24-34, REV 02, DTD 07/09/2019.

## Materials

Item	Qty	UOM	Part Number	Batch Number	Description	Cond
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Date 10/18/2023

# Operation control ticket

Order 45459646 		Order type YSM3 Repair Service Order
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU	Start date 10/18/2023	End date 10/18/2023
Equipment # 18512221 LOW PRESSURE COMPRESSOR BUFFER AIR VALVE	Priority E 14 Days	
Material # 1020923-1	Serial # LSGCAS6990	Location
Maintenance planner group 3515	Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)	

UNIT PASSED ALL FUNCTIONAL TESTS. NO FAULT FOUND.

UNIT REQUIRES BENCH CHECK AND TESTING IAW CMP 75-24-34, REV 02, DTD 07/09/2019.


**Sold-to party** 21378  
**Address** HAMILTON SUNDSTRAND CORP  
 Hamilton Road WINDSOR LOCKS 06096-1000  
**Phone**

**Operation** 0010 **INCOMING PRELIMINARY INSPECTION**



Date 10/06/2023

# Operation control ticket

Order 45459646 		Order type YSM3 Repair Service Order
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU	Start date 09/29/2023	End date 09/29/2023
Equipment # 18512221 VALVE, LOW PRESSURE COMPRESS BUFFER AIR	Priority E 14 Days	
Material # 1020923-1	Serial # LSGCAS6990	Location
Maintenance planner group 3515	Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)	

Approved technical data used:


CMM: 75-24-34 Rev: 02 Dated: 07/07/2019

Verify P/N AND S/N of component, Verify customer R/O requirements, and check for AD's

SB: \_\_\_\_\_ Rev. \_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
EO: \_\_\_\_\_ Rev. \_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
SIL: \_\_\_\_\_ Rev. \_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
AD: \_\_\_\_\_ Rev. \_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Other approved technical data required:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Technician's stamp:  Date: 10 / 06 / 2023  
AHA

Operation


0020

PRELIMINARY INSPECTION



Date 10/06/2023

# Operation control ticket

Order 45459646 		Order type YSM3 Repair Service Order
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU	Start date 09/29/2023	End date 09/29/2023
Equipment # 18512221 VALVE, LOW PRESSURE COMPRESS BUFFER AIR	Priority E 14 Days	
Material # 1020923-1	Serial # LSGCAS6990	Location
Maintenance planner group 3515	Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)	

Inspect the unit IAW approved technical data for any non-conforming conditions. Record findings or discrepancies in the evaluation report if any

Technician's stamp:  Date: 10 / 06 / 2023

**Operation 0030 PRELIMINARY TESTING**



Perform preliminary testing in accordance with approved technical data.

Passed: ☒ Failed: ☐


Technician's stamp:  Date: 10 / 06 / 2023

**Operation 0040 DISASSEMBLY**



Date 10/06/2023

# Operation control ticket

Order 45459646 		Order type YSM3 Repair Service Order
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU	Start date 09/29/2023	End date 09/29/2023
Equipment # 18512221 VALVE, LOW PRESSURE COMPRESS BUFFER AIR	Priority E 14 Days	
Material # 1020923-1	Serial # LSGCAS6990	Location
Maintenance planner group 3515	Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)	

Disassemble the component and inspect IAW approved technical data. Check for any hidden damage or unapproved parts. Record special remarks in evaluation if any

Technician's stamp: N/A Date: 10 / 06 / 2023



**Operation 0050 CLEANING**



Clean disassembled components in accordance with approved technical data and/or any equivalent authorized procedures.

Technician's stamp: N/A Date: 10 / 06 / 2023




**Operation 0060 TEARDOWN INSPECTION**



# Operation control ticket

Date 10/06/2023

Order 45459646 		Order type YSM3 Repair Service Order
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU		Start date 09/29/2023
Equipment # 18512221 VALVE, LOW PRESSURE COMPRESS BUFFER AIR		End date 09/29/2023
Material # 1020923-1	Serial # LSGCAS6990	Location
Maintenance planner group 3515	Priority E 14 Days	
Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)		

In process inspection of sub components. Perform inspection IAW approved technical data, record remarks in evaluation findings if any

Technician's stamp: N/A Date: 10 / 06 / 2023


Operation

0070

INSPECTION VERIFICATION / APPROVAL



In-process inspection verification and approval

Inspector's stamp:  Date: 10 / 9 / 2023

Operation


0080

MACHINING PROCESS



Date 10/06/2023

# Operation control ticket

Order 45459646 		Order type YSM3 Repair Service Order
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU		Start date 09/29/2023
Equipment # 18512221 VALVE, LOW PRESSURE COMPRESS BUFFER AIR		End date 09/29/2023
Material # 1020923-1	Serial # LSGCAS6990	Priority E 14 Days
Maintenance planner group 3515	Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)	

Perform required machining re-work process per work instruction provided.

Machinist's signature: N/A Date: 10/17/23



Operation 0090 FINAL ASSEMBLY



Inspect each part before assembly. All parts are to be in serviceable condition and free of damage. Check for non-approved parts. Assemble component IAW approved technical data.

Technician's stamp: N/A Date: 10/17/23



Operation 0100 FINAL TESTING



Perform functional test in accordance with approved technical data


Technician's stamp: N/A Date: 10/17/23





# Operation control ticket

Date 10/06/2023

Order 45459646 		Order type YSM3 Repair Service Order
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU		Start date 09/29/2023
Equipment # 18512221 VALVE, LOW PRESSURE COMPRESS BUFFER AIR		End date 09/29/2023
Material # 1020923-1		Priority E 14 Days
Serial # LSGCAS6990	Location	
Maintenance planner group 3515	Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)	

Operation

0110

INSPECTION VERIFICATION / APPROVAL.



Inspect all components are in good shape and unit was assembled according to technical requirements. Verify all tasks have been performed and passed. Verify the P/N & S/N of the component match this work order



Inspector's stamp: \_\_\_\_\_ Date: 10/17/23

Operation

0120

MAINTENANCE RELEASE RECORD



Date 10/06/2023


# Operation control ticket

Order 45459646		Order type YSM3 Repair Service Order	
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU		Start date 09/29/2023	End date 09/29/2023
Equipment # 18512221 VALVE, LOW PRESSURE COMPRESS BUFFER AIR		Priority E 14 Days	
Material # 1020923-1	Serial # LSGCAS6990	Location	
Maintenance planner group 3515	Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)		

Inspect the unit IAW manufacturer's specifications, current technical data and/or customer requirements

THIS CERTIFIES THAT THE WORK SPECIFIED IN THIS WORK ORDER WAS CARRIED OUT IN ACCORDANCE WITH FAA AIRWORTHINESS REGULATIONS AND IN RESPECT TO THE WORK PERFORMED THE PART IS APPROVED FOR RETURN TO SERVICE.

Return to service signature



Inspector's stamp:




Date: 10/18/2023

REPAIR STATION E0TR292I

FORM 9

Date 10/06/2023

# Order object list

Order 45459646 		Order type YSM3 Repair Service Order	
Description UNIT PASSED ALL FUNCTIONAL TESTS. NO FAU		Start date 09/29/2023	End date 09/29/2023
Equipment # 18512221 VALVE, LOW PRESSURE COMPRESS BUFFER AIR		Priority E 14 Days	
Material # 1020923-1	Serial # LSGCAS6990	Location	
Maintenance planner group 3515	Maint work center PNE1 3515 PNE 1 (sump / dunlop / legacy)		

Location  
Equipment 18512221  
Serial Number LSGCAS6990  
PM notif.no.

**End of report**