



1. Approving Competent Authority/Country EASA		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number 20230014073271Y02 348864980	
4. Organisation Name and Address: Honeywell UK Ltd T/A Honeywell Aerospace Yeovil Bunford Lane, Yeovil Somerset, BA20 2YD				5. Work Order/Contract/Invoice R420929 348767047 Page 1 of 1	
6. Item	7. Description	8. Part No	9. Qty	10. Serial No.	11. Status/Work
001	OXYGEN SENSOR	3522W000-002	1	0748	MODIFIED
12. Remarks THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 47-42-03 Rev 5, JAN/22/2021 SB 3522W-47-03 Rev 1, AUG/22/2016 THIS DOCUMENT HAS BEEN ISSUED ACCORDING TO AN APPROVED COMPUTER GENERATED SIGNATURE PROCEDURE CSR 0.00 TSR 0.00 TSN: 28378.10 TEXT CONTINUED ON RIGHT SIDE PRINTED FROM ELECTRONIC FILE CONTINUED: CSN: 4247					
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12		14a. ☒ Part-145.A.50 Release 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 Part-145 and in respect to that work the items are considered ready for release to service.			
13b. Authorised Signature	13c. Approval/Authorisation Number	14b. Authorised Signature <i>Tim Newman</i>		14c. Certificate/Approval Ref. No EASA.UK.145.01382	
13d. Name	13e. Date (dd mmm yyyy)	14d. Name Tim Newman		14e. Date (dd mmm yyyy) 21 DEC 2023	
USER/INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulation of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority 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 CAA UK		2. AUTHORISED RELEASE CERTIFICATE CAA FORM 1		3. Form Tracking Number 20230014073273Y32 348864980	
4. Organisation Name and Address: Honeywell UK Ltd T/A Honeywell Aerospace Yeovil Bunford Lane, Yeovil Somerset, BA20 2YD				5. Work Order/Contract/Invoice R420929 348767047 Page 1 of 1	
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001	OXYGEN SENSOR	3522W000-002	1	0748	MODIFIED
12. Remarks THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 47-42-03 Rev 5, JAN/22/2021 SB 3522W-47-03 Rev 1, AUG/22/2016 THIS DOCUMENT HAS BEEN ISSUED ACCORDING TO AN APPROVED COMPUTER GENERATED SIGNATURE PROCEDURE CSR 0.00 TSR 0.00 TSN: 28378.10 TEXT CONTINUED ON RIGHT SIDE THE WORK IDENTIFIED IN BLOCK 11 AND DESCRIBED HEREIN HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH 14 CFR PART 43 AND IN RESPECT TO THAT WORK, THE ITEMS ARE APPROVED FOR RETURN TO SERVICE UNDER CERTIFICATE NO. 409Y585D CONTINUED: CSN: 4247					
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12		14a. ☒ Part-145.A.50 Release 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 Part-145 and in respect to that work the items are considered ready for release to service.		14c. Certificate/Approval Ref. No UK.145.01382	
13b. Authorised Signature		14b. Authorised Signature 		14d. Name Tim Newman	
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Repair Station #

Date: 21 DEC 2023

Initial Findings Report

Repair Order: 2023-348767047-001
348864980

Customer: 300002 AJW AVIATION LTD

Customer P/O: R420929

Part Number: 3522W000-001

Orig Cust:
Part Desc: OXYGEN SENSOR

Serial No: 0748

Mods:

Series/Issue/Amdts:

Quantity: 1

Aircraft tail#: SHELF

Model #:

Aircraft S/N#: SHELF

Engine S/N:

Date on:

Received Date: 12 DEC 2023

Date off:

Alternate S/N:

TIMES/CYCLES

HH.DD (HH:MM)

Time Since New:

Time Since Overhaul:

Time Since Repair:

Time Since Installation:

Cycles Since New:

Cycles Since Overhaul:

Cycles Since Repair:

Cycles Since Installation:

CUSTOMER REASON FOR RETURN

REMOVAL A/C REG: CUSTOMER STOCK. TSN 28378.10 CSN 4247.
REASON FOR REMOVAL: MOD TO P/N 3522W000-002.

GENERAL CONDITION AS RECEIVED (HIDDEN DAMAGE)

Condition Received Text

Unit received in used/acceptable condition, caps present on unit, union will be replaced as part of on-receipt test, also union cap will be replaced as part of repair to minimize any risk of cross contamination.

Reason for return code

INTERNAL FAILURE

Removal Type

Unscheduled

DETAIL DISASSEMBLY / EVALUATION FINDINGS

Failure Description:

Findings:

Unit has been tested in accordance with CMM 47-42-03 Rev 5 and has passed all tests, Customer request Modification according to 3522W-47-03, Unit stripped new sensor called up to upgrade unit to 3522W000-002

Related Area:

Non-conformance: NONE / NO FAULT FOUND (NFF)

Recurrent Failure: No

Failed Part

Part Name

Condition:

Primary Failure

SERVICE BULLETINS / AUTHORIZING DOCUMENTS

Authorizing Technical Document

Complied With:

Doc#: SB 3522W-47-03 Rev: 1 Date: 22.08.2016

Doc#: CMM 47-42-03 Rev: 5 Date: 22.01.2021

WORK PERFORMED / COMMENTS TO CUSTOMER

Workscope Performed / Summary of Actions Taken

Unit has been tested in accordance with CMM 47-42-03 Rev 5 and has passed all tests, Customer request Modification according to 3522W-47-03, Unit stripped new sensor called up to upgrade unit to 3522W000-002

Honeywell

Commercial

Honeywell Aerospace Yeovil
Bunford Lane
YEOVIL
Somerset

Repair Station #

Date: 21 DEC 2023

Configuration And Findings Evaluation

Repair Order: 2023-348767047-001
348864980

Customer: 300002 AJW AVIATION LTD

Customer P/O: R420929

Part Number: 3522W000-001

Orig Cust:

Part Desc: OXYGEN SENSOR

Serial No: 0748

Mods:

Series/Issue/Amdts:

Quantity 1

Ship Date:

Received Date: 12 DEC 2023

New upgrade sensor 77300874-5001 as per SB 3522W-47-03 has been fitted Unit has been recalibrated and tested to CMM 47-42-03 Rev 5 and unit passed all test. The unit is now upgraded to 3522W000-002

Action Taken Code

Modified

Customer Confirmed Removal Reason:

Yes

Evaluation Type

Evaluated - No Fault Found

FINAL CONFIGURATION

Part No: 3522W000-002



S/N: 0748



Series/Issues/Amdts:

Mods:

MECHANIC/ANALYST Scott Wright

DATE: 13 DEC 2023

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Honeywell Aerospace Yeovil
 Bunford Lane
 YEOVIL
 Somerset

Customer PO : R420929
 Notification No: 000348767047
 Outline No : 3522W000-001
 Mod To Outline. :3522W000-002

Customer : 300002 AJW AVIATION LTD
 Service Order No : 5018107768 Sales Order No : 551802243
 Serial No: 0748
 Mod to S/N : 0748 Model No. :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3522W000-001	0748	M	0	OXYGEN SENSOR	5018107768
OUT	3522W000-002	0748	M			

REWORK CODE : 303

CONDITION CODE : G00 NONE / NO FAULT FOUND (NFF)

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3523W060	S024113	N	1	SENSOR,OXYGEN	
OUT	77300874-5001	S007996	N			

REWORK CODE :

CONDITION CODE : 5050 Modified per customer request

ACCT IND : 47 Service Bulletin Part

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.MS9386-014		N	1	PACKING PREFMD	
OUT	MS9386-014		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.MS21902K4		N	1	UNION, SPECIAL	
OUT	MS21902K4		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.MS9385-04		N	1	MS9385, PACKING,	
OUT	MS9385-04		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.NAS817-4		N	1	CAP	
OUT	NAS817-4		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :