

1. Approving Competent Authority/Country
CAA
UK

2.

AUTHORISED RELEASE CERTIFICATE

CAA FORM 1

3. Form Tracking Number
20220011181645Y32
344813514

4. Organisation Name and Address: HONEYWELL AEROSPACE SAS
4, AV SAINT GRANIER - B.P. 3009 - 31024 TOULOUSE CEDEX 3-FRANCE
TEL:+33-(0)534561500 FAX:+33-(0)534561600

5. Work Order/Contract/Invoice
R396219

344587215
Page 1 of 1

6. Item	7. Description	8. Part No	9. Qty	10. Serial No.	11. Status/Work
001	AIR DATA INERTIAL REFERENCE UNIT	HG2030AE44	1	97020063	REPAIRED

12. Remarks

WORK PERFORMED AS DETAILED IN SERVICE REPORT
THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
CMM 34-28-33 Rev 7, MAR/14/2022
SB HG2030AE-34-0013 Rev 2, MAR/25/2016

UNIT ALSO MODIFIED
UNIT ALSO INSPECTED/TESTED
MODS: 1,3,4,6,8,13

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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
G. Hardlopawiro

14c. Certificate/Approval Ref. No
UK.145.01529

13d. Name

13e. Date (dd mmm yyyy)

Electronic signature on file

14d. Name
Glenn Hardlopawiro

14e. Date (dd mmm yyyy)
13 JUL 2022

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
Autorité Compétente / Pays
DIRECTION GENERALE DE
L'AVIATION CIVILE
FRANCE

2.

AUTHORISED RELEASE CERTIFICATE
Certificat Libérateur Autorisé
EASA FORM 1
Formulaire 1 de l'EASA

3. Form Tracking Number
N° de repère du Formulaire
2022001181622Y24
344813514

4. Organisation Name and Address:
Nom et Adresse de l'Organisme :

HONEYWELL AEROSPACE SAS
4, AV SAINT GRANIER - B.P. 3009 - 31024 TOULOUSE CEDEX 3-FRANCE
TEL:+33-(0)534561500 FAX:+33-(0)534561600

5. Work Order/Contract/Invoice
Bon de commande/Contrat/Facture
R396219
344587215
Page 1 of 1

6. Item/Item	7. Description / Description	8. Part No / N° de pièce	9. Qty / Qté	10. Serial No. / N° série	11. Status/Work / Etat/Travaux
001	AIR DATA INERTIAL REFERENCE UNIT	HG2030AE44	1	97020063	REPAIRED

12. Remarks / Remarques

WORK PERFORMED AS DETAILED IN SERVICE REPORT

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

CCM 34-28-33 Rev 7, MAR/14/2022

SB HG2030AE-34-0013 Rev 2, MAR/25/2016

UNIT ALSO MODIFIED

UNIT ALSO INSPECTED/TESTED

MODS: 1,3,4,6,8,13

THE WORK IDENTIFIED IN BLOCK 11 AND DESCRIBED HEREIN HAS BEEN ACCOMPLISHED I.A.W. 14 CFR PART 43 AND IN RESPECT TO THAT WORK, THE ITEMS ARE APPROVED FOR RELEASE OR RETURN TO SERVICE UNDER CERT. NO. H5AY376J.

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

☐ approved design data and are in condition for safe operation

☐ données de conception approuvées et sont en état de fonctionner en toute sécurité

☐ non-approved design data specified in block 12

☐ données de conception non approuvées spécifiées dans la case 12

14a. ☒ Part-145.A.50 Release to Service

☒ Autre réglementation précisée en case 12

Approval pour remise en service

selon Partie 145.A.50

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.

Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la Partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service.

13b. Authorised Signature/ Signature autorisée

13c. Approval/Authorisation Number
Numéro d'agrément/autorisation

14b. Authorised Signature / Signature autorisée

14c. Certificate/Approval Ref. No
N° du Certificat/Agrément

13d. Name/ Nom

13e. Date (dd mm yy)/ Date (j) mm-aaaa

14d. Name/ Nom

Electronic signature on file

FR.145.0148

14e. Date (dd mm yy)/ Date (j) mm-aaaa

13 JUL 2022

USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur

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

Ce document ne constitue pas forcément l'autorisation d'installer l'item(s).

Where the user/installer performs work in accordance with regulation of an airworthiness authority specified in block 1, ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 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.

Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

SERVICE REPORT

AJW AVIATION LTD

+33-(0)534561500 (T) +33-(0)534561600 (F)

SR NUMBER: 5016675098		FAA:	EASA: FR.145.0148
PO: R396219	CUSTOMER PART NUMBER:	CONTRACT NUMBER: 440111767	

Previously Complied With CMM/Eng Documentation: Service Bulletins: Customer Manuals/Documentation:								
Evaluation Findings Total Elapsed Power-On Time : 106000 Hours. Total Elapsed Flight Time : 74219 Hours. ETI X-Gyro : 46203 Hours, ETI Y-Gyro : 81194 Hours, ETI Z-Gyro : 61202 Hours. DUMP: Internal: DRIFT ANGLE, Y GYRO CRITICAL, Y GYRO MAINT. READOUT INT, EXCESSIVE MOTION X AXIS, Y GYRO C-LIM (VDC): +299.97 FAULTS LOGGED ON THE BITE. Y-GYRO TO BE REPLACED DUE TO CRITICAL FAULTS. Y-GYRO (Base PN 26015373) NEED TO BE REPLACED BY Y-GYRO (Base PN 66020206). The unserviceable gyro, Base PN 26015373, is no longer be supplied, and is replaced with a different gyro, Base PN 66020206. The gyro, Base PN 66020206, is a form, fit and function replacement for the gyro, Base PN 26015373. FSB HG2030AE-34-0013 Revision 2, 25 Mar 2016 WILL BE APPLIED AND ADIRU WILL BE MODIFIED FROM HG2030AE24 TO PN HG2030AE44 DUE TO THIS NEW GYRO INSTALLATION. PN HG2030AE44 identifies that the ADIRU has one or more gyros, Base PN 66020206, installed. Work performed / Comments to Customer Y-GYRO REPLACED. FSB HG2030AE-34-0013 Revision 2, 25 Mar 2016 APPLIED AND ADIRU MODIFIED FROM HG2030AE24 TO PN HG2030AE44. UNIT REPAIRED, MODIFIED, INSPECTED/TESTED I.A.W.:ATA 34-28-33 REV 7 14/MAR/22 AND ALL TESTS PASS								
DISPOSITION	REF DSG	P/N Installed	S/N Installed	P/N Removed	S/N Removed	Qty	Primary Failure	SB
Exchange	Y-GYRO	66020206-003	2220805238	26015373-183	0301205725	1		
Internal: DRIFT ANGLE, Y GYRO CRITICAL, Y GYRO MAINT. READOUT INT, EXCESSIVE MOTION X AXIS, Y GYRO C-LIM (VDC): +299.97 FAULTS YGYRO: RIM A failure YGYRO: RIM B failure YGYRO: PLC failure YGYRO: Dither failure								

SERVICE REPORT
AJW AVIATION LTD

+33-(0)534561500 (T) +33-(0)534561600 (F)

SR NUMBER: 5016675098		344813514	FAA:	EASA: FR.145.0148
PO: R396219		CUSTOMER PART NUMBER:		CONTRACT NUMBER: 440111767
DATE REJECTED: 07 JUN 2022		DATE RECEIVED: 30 JUN 2022		DATE COMPLETED: 13 JUL 2022
A/C TYPE: BOEING B737-800		A/C TAIL NUMBER: PH-BXN		A/C SERIAL NUMBER: 30356
PACKING STATUS: No		SEALS INTACT: Intact		PHYSICAL DAMAGE: No
REASON FOR REMOVAL: REMOVAL A/C REG: PH-BXN A/C TSN 74085.37 CSN 21275 COMPONENT TSN 3091.20 CSN 1015 REASON FOR REMOVAL: NAV IR FAULT				
PART NUMBER	AS RECEIVED: HG2030AE24	AS RELEASED: HG2030AE44		
DESCRIPTION:	Air Data Inertial Reference Unit.		AIR DATA INERTIAL REFERENCE UNIT	
SERIAL NUMBER	97020063	97020063		
UID(MFR/SPL PNO SER/UCN)	65507 97020063	65507 97020063		
HW MOD STATUS:	1,3,4,6,8,13	1,3,4,6,8,13		
SW MOD STATUS:				
SOFTWARE LOAD:				
REASON FOR REMOVAL CONFIRMED: Rejection Confirmed		ESTIMATE SUPPLIED: Yes		
PRIMARY SHOP FINDING: Hardware Fault Found		WARRANTY:		
TYPE OF SERVICE: REPAIRED/Modified/Inspected/Tested		TECHNICIAN: Pierre Favier		
MAINTENANCE STATEMENT: PAGES DETAILING WORK PERFORMED, ALONG WITH MATERIALS USED, ARE ATTACHED IN PAGES 2 THROUGH 3				
SIGNATURE BELOW REQUIRED ONLY WHEN RETURN TO SERVICE IS NOT ISSUED: DATE: _____				
SIGNATURE OF AUTHORIZED PERSON: _____				
Complied With CMM/Eng Documentation: 34-28-33/Rev 7/Rev Date 14 MAR 2022; Service Bulletins: HG2030AE-34-0013/Rev 2/Rev Date 25 MAR 2016; Customer Manuals/Documentation:				
SHOULD YOU REQUIRE ANY FURTHER INFORMATION REGARDING THIS SERVICE REPORT, OR HAVE ANY QUESTIONS, PLEASE CONTACT OUR CUSTOMER RESPONSE CENTER AT 1-800-601-3099 OR VISIT OUR CUSTOMER PORTAL AT www.MyAerospace.com TO SUBMIT AN INQUIRY.				

SERVICE REPORT

AJW AVIATION LTD

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SR NUMBER: 5016675098						FAA:		EASA: FR.145.0148	
PO: R396219			CUSTOMER PART NUMBER:			CONTRACT NUMBER: 440111767			
DISPOSITION	REF DSG	P/N Installed	S/N Installed	P/N Removed	S/N Removed	Qty	Primary Failure	SB	
YGYRO: T2 Capture - Dither Drive failed bit at least once YGYRO: DSGain									
YGYRO LATCH: RIM A failure YGYRO LATCH: RIM B failure YGYRO LATCH: PLC									
failure YGYRO LATCH: Dither failure YGYRO LATCH: T2 Capture - Dither									
Drive failed bit at least once									
MEASUREMENT DESCRIPTION					MEAS. VALUE (DECIMAL)		MEAS. VALUE (HH:MM)		
Time Since Repair							0:00		
Cycles Since Repair									