

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 060197	
4. Organization Name and Address: Inertial Aerospace Services, Inc. 375 Alpha Park Highland Heights, OH 44143		5. Work Order/Contract/Invoice Number: 060197			
6. Item: 1		7. Description: INERTIAL REFERENCE UNIT		8. Part Number: HG1050AD11	9. Quantity: 1 EA
				10. Serial Number: 3937	11. Status/Work: REPAIRED
12. Remarks: "See Attached Teardown" FINAL TEST AND INSPECTION PASSED. REPAIRED, INSPECTED AND TESTED IN ACCORDANCE WITH CMM: 34-27-05 REV. 13 DATED 11 JAN 2021. When Block 14a "Other Regulation" is checked, certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Approval Number EASA.145.4566.					
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					
13b. Authorized Signature:		13c. Approval/Authorization No.:		14c. Approval/Certificate No.: I9SR491N	
13d. Name (Typed or Printed):		14d. Name (Typed or Printed): OTIS HAYNES		14e. Date (dd/mm/yyyy): 11/Jun/2021	

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.

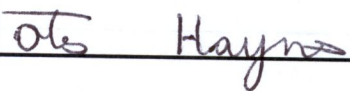
1 国家 Country China	2. 中国民用航空总局 CAAC ☐ 符合性 Conformity ☒ 适航性 Airworthiness		3 证书编号 Certificate Ref. No. 060197			
批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG						
4 单位 Organization Inertial Aerospace Services, Inc. MOC# F00100324 375 Alpha Park, Highland Heights, OH 44143 USA						
6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Qty.	11 系列号/批号 Serial/Batch No.	12 产品状态 Status/Work
1	INERTIAL REFERENCE UNIT	HG1050AD11	Not Known	1	3937	Repaired
13 备注 Remarks: FINAL TEST AND INSPECTION PASSED. REPAIRED, INSPECTED AND TESTED IN ACCORDANCE WITH CMM: 34-27-05 REV. 13 DATED 11 JAN 2021.						
14 新产品 New Parts 兹声明上述产品除第13项的其它规定以外, 已按照上述国家适航条例进行制造/检查, 并且该产品 (出口产品) 符合经批准的型号设计资料和进口国提出的专用要求。 Certifies that the Part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the airworthiness regulations of the stated country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.			15 使用过的产品 Used Parts 兹声明上述产品除第13项的其它规定以外, 已按照上述国家适航条例和进口国通知的特殊要求进行了工作, 该产品处于安全可用状态可以批准放行使用。 Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over)			
16 批准人签名 Signature 		18 批准日期 Date 11/Jun/2021		19 中国民航总局授权 Issued by or on behalf of the CAAC MOC# F00100324		
17 批准人姓名 (打印的) Name (Printed) Otis H. Haynes						

AAC-038 (12/94)

*参阅产品目录详细查找适用性

Cross-check eligibility for more details with parts catalogue

Attachment 8-Major Repair and Modification Report [Form AAC-085(08/2005)]

 CAAC		General Administration of Civil Aviation of China MAJOR REPAIR AND MODIFICATION (Airframe, Powerplant, Propeller and Appliance)		Beijing, P.R. China (100710) 155 Dongsi Street West Fax: 86-10-64030987	
1. Aircraft	Maker	Model		Nationality & Registration No.	
	Serial No.				
2. Owner	Name	AJ WALTER AVIATION		Address	UNITED KINGDOM
3. Unit Identification Airframe ☐ Powerplant ☐ Propeller ☐ Appliance ☒					
Unit	Maker	Model	Serial No.	Type	
				Repair	Modification
IRU	HONEYWELL	HG1050AD11	3937	X	
4. Conformity Statement					
Name and address of Agency		Kind of Agency		Agency's certificate No.	
INERTIAL AEROSPACE SVC. 375 ALPHA PARK HIGHLAND HGTS. OH 44143		☐ CAAC Authorized Mechanic		F00100324	
		☒ CAAC Certified Organization			
		☐ Manufacturer			
		☐ Manufacturer Authorized Organization			
I certify that the repair and/or modification made to unit(s) identified in item 3 above and described in item 6 of this form have been made in accordance with requirements of CCAR of P.R.C. and that the information furnished herein is true and correct to the best of my knowledge.					
Date:		Signature of authorized individual:			
11/JUN/2021:		 			
5. Approval for return to service					
Pursuant to the authority given to persons specified below, the unit identified in item 3 was inspected in the manner prescribed by the minister of CAAC and is					
Approved ☒ Rejected ☐					
By:	☐ CAAC Flt. Standards inspector		☐ CAAC designee		
	☒ CAAC certified maintenance organization		☐ Other		
Date of approval or rejection:		Signature of Authorized individual:			
11/JUN/2021		 			

AAC-085(08/2005)

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Note: Weight and balance of operating limitation changes shall be entered in the appropriate aircraft record. A modification must be compatible with all previous modification to assure continued conformity with the applicable airworthiness requirements.

6. Description of work accomplished (applied technical standard and/or document in repair operation. Any other hidden malfunction found and corrected result in shop repairing and final test data sheet shall be included.)

REMOVED AND REPLACED X GYRO.
REPAIRED, INSPECTED AND TESTED UNIT.
PERFORMED FINAL ATP.
NO FURTHER DEFECTS NOTED.

FINAL TEST AND INSPECTION PASSED.
REPAIRED, INSPECTED AND TESTED IN ACCORDANCE WITH CMM: 34-27-05
REV. 13 DATED 11 JAN 2021.

(CAI)
OAT

(CAI)
OAT

AAC-085(08/2005)

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1 国家 Country China		2. 中国民用航空总局 CAAC ☐ 符合性 Conformity X 适航性 Airworthiness			3 证书编号 Certificate Ref. No. 060422-14		
批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG							
4 单位 Organization Inertial Aerospace Services, Inc. MOC# F00100324 375 Alpha Park, Highland Heights, OH 44143 USA							
5 工作单/合同单/货单 Work Order/Contract/Invoice 060422							
6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Qty.	11 系列号/批号 Serial/Batch No.	12 产品状态 Status/Work	
1	KIT, SPARES GYRO	10095212-101	Not Known	1	1318EC650	Tested/Inspected	
13 备注 Remarks: INSPECTED AND TESTED IN ACCORDANCE WITH CMM: 34-27-05 REV. 13 DATED 11 JAN 2021. Parts traceable to P/N: HG1150AC07 SN: 97011804 J1 Lim: 4.85 DOM:MAY 2013							
14 新产品 New Parts 兹声明上述产品除第13项的其它规定以外，已按照上述国家适航条例进行制造/检查，并且该产品（出口产品）符合经批准的型号设计资料。和进口国提出的专用要求。 Certifies that the Part(s) identified above except as otherwise specified in block 13 was(were) manufactured/inspected in accordance with the airworthiness regulations of the stated country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.			15 使用过的产品 Used Parts 兹声明上述产品除第13项的其它规定以外，已按照上述国家适航条例和进口国通知的特殊要求进行了工作，该产品处于安全可用状态可以批准放行使用。 Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over)				
16 批准人签名 Signature 		18 批准日期 Date 20/May/2021		19 中国民航总局授权 Issued by or on behalf of the CAAC MOC# F00100324			
17 批准人姓名（打印的） Name (Printed) Otis H. Haynes							

AAC-038 (12/94)

*参阅产品目录详细查找适用性

Cross-check eligibility for more details with parts catalogue



Inertial Aerospace Services, Inc.
375 Alpha Park, Highland Heights, OH 44143
a HEICO Company

PHONE: (440)-995-6555
FAX: (440)-995-6559
FAA: CRS I9SR491N
EASA: 145.4566

WORK ORDER DISPOSITION REPORT

Page : 1 of 3

Aircraft Number : VQ-BTQ Station : SVO Removed Date : 3-19-21 Installed Date : Cycles : TSI : TSO : TSR : Position : RIGHT Alert Level :	F.O.B... : Account No. [AJWAL] A J WALTER AVIATION LTD. Attn: LISA HARDING THE HEADQUARTERS MAYDWELL AVE. SLINFOLD, WEST SUSSEX RH13 0AS UNITED KINGDOM Tel. : 4401403711777 Fax : 441403710936
For Customer : A J WALTER AVIATION LTD. S.O. No. : 043100 Line No. : 1	
Cust P.O. : R382378 Our Ref : 060197 Your Ref : R382378 Work Req : REPAIRED Export : RPL Completed P/N : HG1050AD11	P/N : HG1050AD11 Desc : INERTIAL REFERENCE UNIT S/N : 3937 MFG : HONEYWELL INTERNATIONAL INC. CLE Qty : 1.0000 Cond As : SV S/N As : 3937
Company : 1 Order Date : Jun-11-2021	Division : Received Date : Apr-20-2021
Department : Due Date : May-13-2021	Print Date : Jun-11-2021
Into Bin Loc : [w/h]: 86	

WORK ORDER No. 060197

Reported By Customer

EVALUATE FOR REPAIR.

Preliminary Insp.

AVTECH TAMPER SEALS INTACT.
NO EXTERNAL DAMAGE.

INCOMING LIMS: X GYRO=.62 Y GYRO=2.76 Z GYRO=4.62

THE SHIPPING CONTAINER THAT YOUR UNIT WAS SHIPPED TO IAS IN WAS IN POOR CONDITION AND/OR IS NOT AN ATA 300 APPROVED SHIPPING CONTAINER, IN ORDER FOR IAS TO ASSURE THE SAFE RETURN OF YOUR ITEM AND VALIDATE THE WARRANTY, A NEW ATA 300 APPROVED SHIPPING CONTAINER IS REQUIRED.

Continued on next page...



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WORK ORDER DISPOSITION REPORT

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WORK ORDER No. 060197

Hidden/Teardown

X GYRO LASER INTENSITY IS BELOW THE MANUFACTURER'S MINIMUM LIMIT.
X GYRO REQUIRES REPLACEMENT.

Corrective Action

REMOVED AND REPLACED X GYRO.
REPAIRED, INSPECTED AND TESTED UNIT.
PERFORMED FINAL ATP.
NO FURTHER DEFECTS NOTED.

Final Test & Inspect

FINAL TEST AND INSPECTION PASSED.
REPAIRED, INSPECTED AND TESTED IN ACCORDANCE WITH CMM: 34-27-05 REV. 13 DATED 11 JAN 2021.

Misc. Notes

OUTGOING LIMS: X GYRO=4.73 Y GYRO=2.59 Z GYRO=4.26

Item	Part Number / Description	Part Status	Qty	Cond	Discrepancy / Disposition
PARTS & MATERIALS					
1	A3003-R1	32 - Installed Component	1.0000 EA	NE	Disc. : _____
	HG1050 SHIPPING CONTAINER				Disp. : _____
2	Q10955	32 - Installed Component	1.0000 EA	NE	Disc. : _____
	HG1050 BOX WRAPPER				Disp. : _____
3	10095212-101	32 - Installed Component	1.0000 EA	SV	Disc. : _____
	KIT, SPARES GYRO 319 Hz GG1342AE09 Serial No. : 1318EC650				Disp. : _____
4	10095212-101	33 - Removed Component	1.0000 EA	BER	Disc. : _____
	KIT, SPARES GYRO 319 Hz GG1342AE09				Disp. : _____

Continued on next page...



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WORK ORDER DISPOSITION REPORT

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WORK ORDER No. 060197

DEFECTIVE PART REMOVED - BER
Serial No. : E7317