


DELIVERY NOTE WP

DELIVER TO :

GALAXY AEROSPACE (M) SDN. BHD.
 CAMO DEPARTMENT
 Lot 11, MRO Centre,
 Malaysia International Aerospace Centre,
 Sultan Abdul Aziz Shah Airport,
 47200 Subang, Selangor
 Malaysia.
 Attn : Zaty Nadhira binti Mohamed Zuhari


DN NUMBER : GAM/DN/BOB/20-094
OUR REFERENCE : AJL 000332
WO REFERENCE : UMC-BOB-20-017
DATE COMPLETION: 25 NOVEMBER 2020
AJL NUMBER : 000332

A/C DETAILS							
A/C TYPE	A109E	A/C REG	9M-BOB	A/C S/N	11212		
OWNER / OPERATOR	FIRE AND RESCUE DEPT. OF MALAYSIA	A/C TOTAL TIME	3464:43	LANDINGS	3515		
ENGINE #1 S/N	PCE-BC0359	T.S.N	3464:43	T.S.O	-		
ENGINE #2 S/N	PCE-BC0358	T.S.N	2668:13	T.S.O	-		
LIST OF TASK PERFORMED	WP NUMBER	NUMBER OF PAGES					
		*WS	*PR	*ARC	*S	*SBC	*OTH
NO. 2 VERTICAL GYRO REPLACEMENT	001	1	1	1	1	-	2
*THIS IS TO CERTIFY THAT TASKS LISTED ABOVE HAS BEEN ACCOMPLISHED AS PER PO/WORK ORDER/SERVICE ORDER NO. AS ABOVE.							
NAME	NURUL LYANA MUHAMAD	SIGNATURE		DATE	1 DECEMBER 2020		
VERIFIED AND ACCEPTED BY				MUHAMMAD IHSAN MASRI CAMO Planner Galaxy Aerospace (M) Sdn. Bhd. (1040262-D)			
DATE				01 DEC 2020			

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|---------------------------------------|------------------------------------|
| *WS – WORKSHEET | *S – SERVICEABLE LABEL |
| *PR – PART REPORT | *SBC – SERVICE BULLETIN COMPLIANCE |
| *ARC – AUTHORISED RELEASE CERTIFICATE | *OTH – OTHERS |

CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: A109E REGISTRATION: 9M-BOB BASE/FACILITY: MIAT DATE IN: 25/11/20 OUT: 25/11/20	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO: UMC-BOB-20-017
	AIRCRAFT	11212	3464.43	3515	WORK/INSP/DESC: VERTICAL GYRO REPLACED
	#1 ENGINE: PCE-BC0359	3464:43	-	-	WORKPACK REF: N/A
	#2 ENGINE: PCE-BC0358	3668:13	-	-	LBE REF NO.: 000332
			NG/N1	NF/N2	SHEET: 1 OF 1

Reason for raising: PITCH MESSAGE DISPLAYED ON COPILOT EADI.	Raised by and date: MASEHA 25/11/20	Other requirements/information: NOT APPLICABLE
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Item	Description	Technician	* Eng. CRS	Date
1.	NO. 2, VERTICAL GYRO REPLACED, FUNCTIONAL CHECK CARRIED OUT IN ACCORDANCE WITH MAINTENANCE MANUAL CHAPTER 34.22.12. FOUND SATISFACTORY	HMS		25.11.20

- *The work recorded above has been carried out in accordance with the requirements of the Malaysian Civil Aviation Regulation for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.
- *The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK ✓ WHERE APPLICABLE

PARTS LABELED & RETURNED	D.D. RAISED	DUPLICATE INSP.	GROUND RUN	FLIGHT TEST	TORQUE CHK.	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	D.D. STATUS	AIRCRAFT LOGBOOK	ENGINE LOG BOOK	PROPELLER LOGBOOK	LOG CARD	OEM/COMP LOG CARD	MOD RECORD BOOK
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CLIENT/OWNER: FIRE AND RESCUE DEPT. OF MALAYSIA AIRCRAFT TYPE: A109E REGISTRATION: 9M-BOB BASE/FACILITY: MIAT DATE IN: 25/11/20 OUT: 25/11/20	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO: UMC-BOB-20-017
	AIRCRAFT	11212	3464:43	3515	WORK/INSP/DESC: VERTICAL GYRO REPLACED
	#1 ENGINE:	PCE-BC0359	3464:43	-	WORKPACK REF: N/A
	#2 ENGINE:	PCE-BC0358	2668:13	-	LBE REF NO.: 000332
			NG/N1	NF/N2	SHEET: (OF)

Reason for raising: PITCH MESSAGE DISPLAYED ON COPILOT EADI	Raised by and date: NASOHA 25.11.2020	Other requirements/information: NOT APPLICABLE
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Item	Part No	Description	Serial Number		Qty	Position	Reason	Lifed Item Information TSN/TSO/DUE/TIMEX	Release Reference
			Off	On					
1.	501-1210-01	VERTICAL GYRO	2904	2965	01	2	UNSERVICABLE	-	G00493

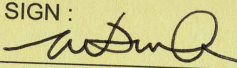
NAME	FIRM	SIGN & APPROVAL	DATE
MUHAMMAD NASOHA B. RASHID	GAM		25.11.2020

*The work recorded above has been carried out in accordance with the requirements of the Malaysian Civil Aviation Regulation for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TICK WHERE APPLICABLE

PARTS LABELLED & RETURNED	D.D. RAISED	DUPLICATE INSP.	GROUND RUN	FLIGHT TEST	TORQUE CHK.	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	D.D. STATUS	AIRCRAFT LOGBOOK	ENGINE LOG BOOK	PROPELLER LOGBOOK	LOG CARD	OEM/COMP LOG CARD	MOD RECORD BOOK
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SERVICEABLE		Galaxy Aerospace maintenance . repair . overhaul	
DESCRIPTION : VERTICAL GYRO		QTY : 1 EA	
PART NO. : 501-1210-01			
SERIAL NO. : 2965			
STATUS: (OVH) REPAIR / MOD / CAL / TEST / NEW / CONSUMABLE / GSE			
TSN : N/A		TSO : N/A	
SHELF DUE / EXP DATE : N/A			
INSPECTED BY : MUKARAMAT		GiN / REF : G100493	
SIGN : 		DATE : 9.11.2020	
		20/956	
GAM/E-005 Rev.1			

1 Approving Civil Aviation Authority/Country FAA/UNITED STATES		2 AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3 FORM TRACKING NUMBER PRIME INDUSTRIES, INC 045081	
4 ORGANIZATION NAME AND ADDRESS: Global Tech Instruments, Inc. 18380 Enterprise Lane, Huntington Beach, CA 92648 (G3OR208N)				5 WORK ORDER, CONTRACT, OR INVOICE NUMBER 80364		
6 ITEM:	7 DESCRIPTION:	8 PART NUMBER:	9 QUANTITY:	10 SERIAL NO:	11 STATUS / WORK:	
1	VERTICAL GYRO	501-1210-01 / VG-208C	1	2965	OVERHAULED	
12 REMARKS: ITEM 1 WAS MANUFACTURED BY: L3 COMMUNICATIONS THIS UNIT WAS: OVERHAULED I.A.W. 34-20-12 REV.10 OCT 2003 FOR FURTHER DETAILS SEE WORK ORDER # 80364 The work specified in Blocks 11/12, except as otherwise specified, was carried out in accordance with EASA Part-145 and in respect to that work the A/C component is considered ready for release to service under EASA Part-145 Approval number EASA.145.4407.						
13a CERTIFIES THE ITEMS IDENTIFIED ABOVE WERE MANUFACTURED IN CONFORMITY TO <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			14a <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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 AUTHORIZED NO:	14b AUTHORIZED SIGNATURE:		14c APPROVAL CERTIFICATE NO: G3OR208N	
13d NAME (TYPED OR PRINTED):		13e DATE (DD/MMM/YYYY)	14d NAME (TYPED OR PRINTED): JAKE GALPIN		14e DATE (DDMM/YYYY) 27/FEB/2020	
FORM 8130-3 (02-14)			*INSTALLER MUST CROSS CHECK ELGIBILITY WITH APPLICABLE TECHNICAL DATA			

GLOBAL TECH INSTRUMENTS

18380 ENTERPRISE LANE
HUNTINGTON BEACH, CA 92648
714-375-1811

FAA REPAIR STATION NO. G3OR208N
CLASS 1-2-3-4-ACCESSORY III -LIMITED RADIO

CUSTOMER: Prime Industries
CUSTOMER PO.NO.: 045081
DATE RECEIVED: JAN 09 2020
DATE DUE: ADHP
DATE COMPLETED: FEB 27 2020
INSTRUMENT: Vertical Gyro
MANUFACTURER: A-3 Communications
PART NO.: 501-1210-01
SERIAL NO.: 2965
OUR INVOICE NO.: 80364

WORK TO BE PERFORMED: CHECK ONE:

REPAIR
 CALIBRATION
 TEST AND INSPECT
 OVERHAUL
A.D. COMPLIANCE YES NO INAL get
Customer Request Quote
to Overhaul

FINDINGS: CHECK ONE:

OVER PRESSURED
 PHYSICAL MISHANDLING
 SEVERE ENVIRONMENT
 AGE AND LONG SERVICE
 OVERLOAD

PARTS USED:

QTY.	PART NO.	QTY.	PART NO.
2	SSRIF-6632ZKB	P-O 21287	
2	SSRIF-6632ZZR	PO 21473	
1	B60-801	P-O 20868	

CMM USED: 34-20-12 Rev D Oct 2003
EQUIPMENT USED: CrEggg / Cert 2029
64-0349. (Cert 0001)
REPAIRMAN: [Signature]
INSPECTOR: [Signature]


All functions Electronically
functioning However unit
Precessing Badly once up
to speed Internal Functioning
Shows wear on BRAJ Requiring
Standard Overhaul

READING	ERROR	READING	ERROR	READING	ERROR	READING	ERROR	READING	ERROR
Pitch	OK	28Vout	OK						
Roll	OK	Pitch Rad	OK						
Static	OK	Roll Rad	OK						
SCSBY	OK	AP/Valid	OK						
Synhrs	OK	Ran/Valid	OK						
Rsmn	OK	Snubber	OK						
Torques	OK	Fast/Elect	OK						

WORK PERFORMED: CHECK ONE: REPAIRED CALIBRATED TESTED AND INSPECTED
 OVERHAULED A.D. COMPLIANCE

Removed and Replaced Brel's. Balanced Rotor using
a Schlick balancer down to the one scale at
10000 RPM. Re Assembled and Static balanced before
performing final Cal per CMM.

THE AIRCRAFT INSTRUMENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. LISTED ABOVE.

CLIENT/OPERATOR BOMBA		AIRCRAFT TYPE A109E			AIRCRAFT REGISTRATION 9M-BOB			AIRCRAFT SERIAL NUMBER 11212			 <small>APPROVAL NO: CAMO201603 AIRCRAFT JOURNEY LOG (FORM NO: GAMC/AMC GOWREN REV 0)</small>						
BASE SUBANG		ENGINE TYPE PW206C			DATE 25/11/2020			MEASURING UNITS KG									
PREVIOUS BMRC		NEXT CALENDAR INSP			NEXT HOURS INSP			FUEL OIL									
REF BMR-BOB-20-001	INSP AF 50FH / 30 DAYS INSP	INSP SB 28274 PT-B		DATE 24/8/2020			DUE 3473 : 48			000332							
FUEL UPLIFT		FUEL DEPART			OIL UPLIFT			PRE FLIGHT / TURN AROUND									
FLT. NO.	LH	RH	AUX	LH	RH	AUX	DEPART	ARRIVAL	ENG 1	ENG 2	GEARBOX	SIGN**	AUTH	TIME	SIGN	AUTH	TIME
MAINTENANCE ONLY																	

FLT. NO.	PILOT	CO-PILOT	FROM	TO	TIME					LANDING	ENG 1		ENG 2		APPLICABLE PARAMETERS			
					START	TAKE OFF	LDG	S/DOWN	TOTAL FLT		N1 / NG CYCLE	N2 / NF CYCLE	N1 / NG CYCLE	N2 / NF CYCLE	INT. CONT.	MAX. CONT.	START CYCLE	EXTERNAL LOAD CYCLE
MAINTENANCE ONLY																		

FLIGHT AND GROUND RUN TEST/REPORT	REF	RESULT	SIGN	AUTH	TOTAL THIS PAGE		TOTAL BEFORE FLIGHT		TOTAL CARRY FORWARD								
							3464:43	3515	3295	-	2477	-	-	-	-	-	03

FLIGHT NO. / ITEM		RECORD OF DEFECT(S). ENTER 'NIL' IF NO DEFECT FOUND	PILOT / ENGINEER		TIME	FLIGHT		RECTIFICATION(S) TAKEN	MR SIGN**	DATE
NO.	ITEM		SIGN	AUTH		NO.	ITEM			
M 9	3M ANTI-MICROBIAL INFESTATION		<i>Nusutt.</i>	<i>MO27</i>	1200	M 9	C/OUT SATUS AS PER WP-BOB-20-2010	<i>Nusutt.</i>	<i>MO27</i>	25/11/2020
M 10	TO C/OUT PRE PAINTING INSP		<i>Nusutt.</i>	<i>MO27</i>	1200	M 10	C/OUT SATUS AS PER WP-BOB-20-2413	<i>Nusutt.</i>	<i>MO27</i>	25/11/2020
M 11	TO C/OUT POST PAINTING INSP		<i>Nusutt.</i>	<i>MO27</i>	1200	M 11	C/OUT SATUS AS PER WP-BOB-20-2391	<i>Nusutt.</i>	<i>MO27</i>	25/11/2020
M 12	TO C/OUT LEFT AND RIGHT WINDSHIELD REPLACEMENT		<i>Nusutt.</i>	<i>MO27</i>	1200	M 12	C/OUT SATUS AS PER WMC-BOB-20-018	<i>Nusutt.</i>	<i>MO27</i>	25/11/2020
M 13	TO C/OUT LEFT AND RIGHT OVERHEAD WINDOWS REPLACEMENT.		<i>Nusutt.</i>	<i>MO27</i>	1200	M 13	C/OUT SATUS AS PER UMC-BOB-20-019	<i>Nusutt.</i>	<i>MO27</i>	25/11/2020
M 14	NO.2 VERTICAL GYRO REPLACEMENT		<i>H.S.</i>	<i>MO38</i>	1200	M 14	C/OUT SATUS AS PER UMC-BOB-20-017	<i>H.S.</i>	<i>MO38</i>	25/11/2020
M 15	TO C/OUT AIRCRAFT PAINTING		<i>Nusutt.</i>	<i>MO27</i>	1200	M 15	C/OUT SATUS AS PER WP-BOB-20-2425	<i>Nusutt.</i>	<i>MO27</i>	25/11/2020