

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/22/PMD-259
OUR REFERENCE : 9M-PMD-11907
WO REFERENCE : 2022-11907
DATE COMPLETION: 1 SEPTEMBER 2022
AJL NUMBER : 01163

A/C DETAILS							
A/C TYPE	AW139	A/C REG	9M-PMD	A/C S/N	31809		
OWNER / OPERATOR	ROYAL MALAYSIA POLICE	A/C TOTAL TIME	1408:15	LANDINGS	2486		
ENGINE #1 S/N	PCE-KB2112	T.S.N	1408:15	T.S.O	-		
ENGINE #2 S/N	PCE-KB2092	T.S.N	1408:15	T.S.O	-		
LIST OF TASK PERFORMED	WP NUMBER	NUMBER OF PAGES					
		*WS	*PR	*ARC	*S	*SBC	*OTH
300 FH INSPECTION (AIRFRAME AND ENGINE)	001	14	1	-	1	-	2
300 FH // 1 Y INSPECTION	002	7	1	-	-	-	-
300FH // 1Y INSPECTION FWD BULKHEAD INSTALLATION	003	2	1	-	-	-	-
EASA AD NO.: 2021-0044R1 PARA (2) (ASB139-661) PART 2	004	1	1	-	-	-	1
*THIS IS TO CERTIFY THAT TASKS LISTED ABOVE HAS BEEN ACCOMPLISHED AS PER PO/WORK ORDER/SERVICE ORDER NO. AS ABOVE.							
NAME	ASNORUL HAKIM	SIGNATURE		DATE	12 SEPTEMBER 2022		
VERIFIED AND ACCEPTED BY				ZULKARNAEN BIN IBRAHIM CAMO Planner Galaxy Aerospace (M) Sdn Bhd (1040262-D)			
DATE				12 SEP 2022			

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

WORK ORDER



To: GALAXY AEROSPACE (M) SDN. BHD.

Address: Lot 11-14, MRO Centre, Malaysia
International Aerospace Centre, SAAS Airport,
Subang
Malaysia

Attention: Mr. Syafrul Yamani
Engineering Manager
syafrul@galaxyaerospace.my

Work Order Number: 2022-11907

Work Pack Reference: 9M-PMD-11907

Date Issued: 15/07/2022

A/C Registration / SN: 9M-PMD/31809

Sheet: 1 of 1

Description:

Item	Description/Task/Inspection	Reference	Man Hours
1	300 FH INSPECTION (AIRFRAME AND ENGINES)	AMPI 04-20 MI T2, 04-30 CMR T2 & 05-21 SUMC T3 & SRHS T6, EMM 05-20	<u>32.0</u> (PLEASE ADVISE)
2	300 FH // 1 Y INSPECTION	AMPI 05-21, SUMC T3, GVC T2	<u>32.0</u> (PLEASE ADVISE)
3	300H//1Y INSPECTION FWD BULKHEAD INSTALLATION P/N 6AB1AD005-001	EASA STC # 10030342 Rev. 2	<u>32.0</u> (PLEASE ADVISE)
4	EASA AD NO.: 2021-0044R1 PARA (2) (ASB139-661) PART II - ATA 24 OVERHEAD PANEL INSPECTION	EASA AD NO.: 2021-0044R1 ISSUE 12 MAY 2022, ASB139-661 REV. B DATE 09 MAY 2022	<u>32.0</u> (PLEASE ADVISE)

DUE: 1417:15 FH // 06/02/2023

Remark/Notes:

1. State this Work Order reference on your Work Package. Should there is any additional job/defect (unless specified in the work package) the maintenance organization must notify GAM Continuing Airworthiness Manager prior to proceed with rectification.
2. Work must be carried out in accordance with approved data and perform by qualified personnel/ approved LAE from the maintenance organization.
3. Parts used must be written in Parts Report Form and accompanied by ARC, Serviceable Label or equivalent document.
4. Test report, parameter reading or any supporting data must be attached with the worksheet if applicable.
5. The maintenance organization shall be responsible for any damages made on the aircraft/ components during maintenance.
6. Softcopy of completed Work Package shall be submitted or as mutual agreed and GAM Continuing Airworthiness Manager must be informed once the aircraft is Release to Service.
7. Completed Work Package (original) must be submitted to GAM Continuing Airworthiness Manager office within 3 days of date of completion.

I hereby declare that an approved and up to date maintenance data has been referred for the issuance of this work order.

Thank you.
Best Regards,

Zaty Nadhira Mohamed Zuhari
Continuing Airworthiness Management Manager
Email: zaty@galaxyaerospace.my



CLIENT/OWNER: ROYAL MALAYSIA POLICE AIRCRAFT TYPE: AW139 REGISTRATION: 9M-PMD BASE/FACILITY: WMSA DATE IN: 19/8/22 OUT: 01/01/2022	SERIAL NO.	HOURS	LDG/CYCLE		WORKPACK NO:	9M-PMD-11907
	AIRCRAFT	31809	1408:15	2486	WORK/INSP/DESC:	SCHEDULED
	#1 ENGINE:	PCE-KB2112	1408:15	-	AERONET JOB NO.:	2022-11907
	#2 ENGINE:	PCE-KB2092	1408:15	-	AJL REF NO.:	01163
			NG / N1	NF / N2	SHEET:	1 OF 1

Reason for raising:
SCHEDULED INSPECTIONS TO BE CARRY OUT I.A.W EMM PT6C-67C REVISION NO. 29.0, DATED 2022-05-09, IETP AW139, 41ST ISSUE: 2022-06-28, AIRCRAFT MAINTENANCE PROGRAM RMPAOF/CAMO/AMP/AW139 ISSUE 3 REV. 0 DATED 03 FEB 2021 OR LATER APPROVED REVISIONS.

Raised by and date:
CAMO; Zulkarnaen Ibrahim
15/07/2022

Other requirements/information:
NIL

List of scheduled inspection and all work carried out under this workpack including individual reference			DATE INSPECTION COMPLETED	Master Signature Schedule		
NO.	INSPECTION / WORK	WORKSHEET REF		NAME	SIGNATURE	APP/STAMP
1	300 FH INSPECTION (AIRFRAME AND ENGINES)	11907-001	01/09/22	JABETHSON	<i>[Signature]</i>	
2	300 FH // 1 Y INSPECTION	11907-002	23/08/22	LEE BOON HONG	<i>[Signature]</i>	8106
3	300H//1Y INSPECTION FWD BULKHEAD INSTALLATION P/N 6AB1AD005-001	11907-003	23/08/22	SYED ALI	<i>[Signature]</i>	
4	EASA AD NO.: 2021-0044R1 PARA (2) (ASB139-661) PART II - ATA 24 OVERHEAD PANEL INSPECTION	11907-004	20/08/22	ABDUL SYADREEN	<i>[Signature]</i>	8100
				SYAHIDA	<i>[Signature]</i>	8340
				M. SHAFIQ	<i>[Signature]</i>	8242
				HARIZ	<i>[Signature]</i>	8026
				NORASYAH	<i>[Signature]</i>	8144
				SUMANT	<i>[Signature]</i>	8241
				MAHMOOD	<i>[Signature]</i>	
				NASFATEE	<i>[Signature]</i>	
				HAFPUDDIN	<i>[Signature]</i>	8241

PART 145 - AMO RELEASE STATEMENT
THIS IS TO CERTIFY THAT ALL WORK LISTED ABOVE HAS BEEN INSPECTED AND ACCOMPLISHED IN ACCORDANCE WITH CONTRACTED AMO EXPOSITION AND PROCEDURE LATEST REVISION, AND

* OEM PUBLICATION/REVISION AS PER REASON FOR RAISING ABOVE
 * IF DIFFERENT FROM ABOVE, OEM PUBLICATION/REVISION... IETP 41ST ISSUE 2022-06-28 .
 UPDATED 2022-07-20

* TICK ✓ WHERE APPLICABLE

NAME: JABETHSON
 SIGN & APPROVAL: *[Signature]*
 FIRM: GAM
 DATE: 01/9/2022

PART M - CAMO ACCEPTANCE STATEMENT
THIS IS TO CERTIFY THAT THE ABOVE MENTIONED WORK PACKAGE HAS BEEN REVIEWED, CHECKED FOR COMPLETION AND UPDATED IN THE MAINTENANCE SOFTWARE.

NAME: ZULKARNAEN BIN IBRAHIM
 SIGN & APPROVAL: *[Signature]*
 DATE: 12/09/2022



CLIENT/OWNER: ROYAL MALAYSIA POLICE AW139	SERIAL NO. 31809	HOURS	LDG/CYCLE	WORKSHEET NO: 11907-001
REGISTRATION: 9M-PMD	#1 ENGINE: PCE-KB2112	REFER WORKPACK		WORK/INSP/DESC: 300 FH INSPECTION
BASE/FACILITY: WMSA	#2 ENGINE: PCE-KB2092	REFER WORKPACK		WORKPACK REF: 9M-PMD-11907
DATE IN: REFER WORKPACK OUT: REFER WORKPACK			NG / N1 NF / N2	AJL REF NO.: REFER WORKPACK
				SHEET: 2 OF 14

Reason for raising: 300 FH INSPECTION (AIRFRAME AND ENGINES) TO BE CARRY OUT I.A.W AIRCRAFT MAINTENANCE PROGRAM RMPAOF/CAMO/AMP/AW139 ISSUE 3 REV. 0 DATED 03 FEB 2021 OR LATER APPROVED REVISIONS.

Raised by and date: CAMO; Zulkarnaen Ibrahim 15/07/2022

Other requirements/information: NIL

Item	Description	Technician	* Eng. CRS	Date
4	CM24-03 ELECTRICAL POWER REFERENCE (DMC): 39-A-24-31-00-00A-320A-A OC OF GCU OVER-VOLTAGE PROTECTION FUNCTION REMARKS: <i>CARRIED OUT. FOUND SATISFACTORY.</i>	<i>[Signature]</i> 8242	<i>[Signature]</i> 	01/09/22
5	CM24-04 AC GENERATION SYSTEM (FIPS) REFERENCE (DMC): 39-B-24-21-00-00A-320B-A OC TO VERIFY THE CORRECT FUNCTIONALITY OF THE NUMBER 2 GENERATOR CONTROL UNIT (GCU) REMARKS: NOT APPLICABLE DUE AIRCRAFT NOT FITTED WITH FIPS	-	<i>[Signature]</i> 	19/8/22
6	24-04 BRUSHES (NUMBER 1 STARTER GENERATOR) REFERENCE (DMC): 39-A-24-31-01-01A-31AA-A DO A DI FOR WEAR, TO ESTABLISH BRUSHES REPLACEMENT INTERVAL FOR INDIVIDUAL OPERATORS. IF REMAINING BRUSH LIFE EXCEED 700 HOURS, BRUSHES MUST BE REPLACED AT 1000 FH (GENERATOR REMOVAL REQUIRED) REMARKS: <i>CARRIED OUT FOUND SATISFACTORY.</i>	<i>[Signature]</i> 8242	<i>[Signature]</i> 	19/8/22
7	24-05 BRUSHES (NUMBER 2 STARTER GENERATOR) REFERENCE (DMC): 39-A-24-31-02-01A-31AA-A DO A DI FOR WEAR, TO ESTABLISH BRUSHES REPLACEMENT INTERVAL FOR INDIVIDUAL OPERATORS. IF REMAINING BRUSH LIFE EXCEED 700 HOURS, BRUSHES MUST BE REPLACED AT 1000 FH (GENERATOR REMOVAL REQUIRED) REMARKS: <i>CARRIED OUT FOUND SATISFACTORY.</i>	<i>[Signature]</i> 8242	<i>[Signature]</i> 	19/8/22
8	25-03 RESCUE HOIST SYSTEM CIRCUIT BREAKERS (CB87 AND CB88) REFERENCE (DMC): 39-A-25-91-00-00A-320B-K DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK) REMARKS: <i>N/A DIFFERENT CONFIGURATION.</i>	-	<i>[Signature]</i> 	19/8/22
9	25-04 RESCUE HOIST SYSTEM CABLE CUT SWITCH GUARD AND PUSH-BUTTON CONTACTS REFERENCE (DMC): 39-A-25-91-00-00A-320B-K DO AN OC TO DETECT DORMANT OPEN CIRCUIT FAILURES (FAULT FINDING TASK) REMARKS: <i>N/A DIFFERENT CONFIGURATION.</i>	-	<i>[Signature]</i> 	19/8/22

*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



CLIENT/OWNER: ROYAL MALAYSIA POLICE AW139 REGISTRATION: 9M-PMD BASE/FACILITY: WMSA DATE IN: REFER WORKPACK DATE OUT: REFER WORKPACK	SERIAL NO. 31809	HOURS REFER WORKPACK	LDG/CYCLE REFER WORKPACK	WORKSHEET NO.: 11907-001 WORK/INSP/DESC: 300 FH INSPECTION WORKPACK REF: 9M-PMD-11907 AJL REF NO.: REFER WORKPACK SHEET: 6 OF 14
#1 ENGINE: PCE-KB2112	#2 ENGINE: PCE-KB2092	NG / N1	NF / N2	

Reason for raising: MAINTENANCE PROGRAM RMPAOF/CAMO/AMP/AW139 ISSUE 3 REV. 0 DATED 03 FEB 2021 OR LATER APPROVED REVISIONS.	TO BE CARRY OUT I.A.W AIRCRAFT	Raised by and date: CAMO; Zulkarnaen Ibrahim 15/07/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
29	MI53-07 FUSELAGE STRUCTURE ASSEMBLY (FORWARD MGB ROD BACKUP STRUCTURE) DETAILED INSPECTION FOR CRACKS REFERENCE (DMC): 39-A-53-10-00-00A-31AA-A, TMI NO. 139-548, NEW ISSUE EXPIRY SEPTEMBER 29TH 2022 NOTE : THE 300 FH INTERVAL IS EXTENDED UP TO 1300 FH FOR ALL HELICOPTERS EXCEPT S/N FROM 31003 TO 31011. REMARKS: <i>N/A c/out. REF. W/P: 9M-PMD-10433</i>	<i>[Signature]</i>	<i>[Signature]</i> 	<i>19/8/22</i>
30	MI53-08 FUSELAGE STRUCTURE ASSEMBLY (AFT MGB ROD BACKUP STRUCTURE AND FITTING PART NUMBER 3P5330A11251) REFERENCE (DMC): 39-A-53-10-00-00A-31AA-A, REFERENCE (DMC): 39-A-53-10-00-00A-31AA-A, TMI NO. 139-548, NEW ISSUE EXPIRY SEPTEMBER 29TH 2022 DETAILED INSPECTION FOR CRACKS NOTE: THE 300 FH INTERVAL IS EXTENDED UP TO 1300 FH IF THE FUSELAGE STRUCTURE ASSEMBLY P/N 3G5300X00135 OR THE CRUCIFORM FITTING RETROMODIFICATION P/N 3G5306P36711 ARE INSTALLED ON THE ROTORCRAFT. NOTE: WHEN THE 3750 FH ARE REACHED, THE 300 FH INTERVAL IS REDUCED TO 150 FH IF THE RETRO MODIFICATION P/N 3G5306P36711 OR P/N 3G5306P39211 IS NOT APPLIED. REMARKS: <i>N/A. c/out REF. W/P: 9M-PMD-10433</i>	<i>[Signature]</i>	<i>[Signature]</i> 	<i>19/8/22</i>
31	53-38 TAIL ASSEMBLY REFERENCE (DMC): 39-A-53-40-00-00A-31AJ-A DO A DI (HAMMER TAPPING CHECK) FOR SIGNS OF DEBONDING REMARKS: <i>CARRIED OUT FOUND SATISFACTORY</i>	<i>[Signature]</i> <i>8026</i>	<i>[Signature]</i> 	<i>19/8/22</i>
32	55-04 TAIL PLANE SPHERICAL BEARINGS (PARTS OF ROD ASSEMBLIES) REFERENCE (DMC): 39-A-55-11-00-00A-320A-A ; 39-A-55-11-02-00A-31AA-B ; 39-A-55-11-03-00A-31AA-B DO AN OC FOR PLAY (NO REMOVAL AND QUANTITATIVE MEASUREMENT REQUIRED). IF UNUSUAL PLAY IS FELT, REMOVE ROD ASSEMBLY AND PERFORM A DI FOR CONDITION, DAMAGE AND PLAY (RADIAL PLAY CHECK ONLY) (MAXIMUM PLAY ALLOWED 0.3 MM - 0.0118 IN) REMARKS: <i>SATIS</i>	<i>[Signature]</i>	<i>[Signature]</i> 	<i>23/8/22</i>

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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



CLIENT/OWNER: ROYAL MALAYSIA POLICE AIRCRAFT TYPE: AW139 REGISTRATION: 9M-PMD BASE/FACILITY: WMSA DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:	11907-001
	AIRCRAFT	31809	REFER WORKPACK	WORK/INSP/DESC:	300 FH INSPECTION
	#1 ENGINE:	PCE-KB2112	REFER WORKPACK	WORKPACK REF:	9M-PMD-11907
	#2 ENGINE:	PCE-KB2092	REFER WORKPACK	AJL REF NO.:	REFER WORKPACK
			NG / N1	NF / N2	SHEET: 13 OF 14

Reason for raising: 300 FH INSPECTION (AIRFRAME AND ENGINES) TO BE CARRY OUT I.A.W AIRCRAFT MAINTENANCE PROGRAM RMPAOF/CAMO/AMP/AW139 ISSUE 3 REV. 0 DATED 03 FEB 2021 OR LATER APPROVED REVISIONS.	Raised by and date: CAMO; Zulkarnaen Ibrahim 15/07/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
56	05.20.00 TABLE 5 SCHEDULED MAINTENANCE CHECKS : ENGINE #1 EXTERNALS - P2.8 CHECK VALVE (PRE-SB41103) REFERENCE: EMM 05.20.00 ; EMM 72-30-04, GAS GENERATOR CASE MAINTENANCE PRACTICES VISUAL INSPECTION AND DIMENSIONAL INSPECTION REMARKS: NOT APPLICABLE DUE TO POST SB41103	-		19/8/22
57	05.20.00 TABLE 5 SCHEDULED MAINTENANCE CHECKS ENGINE #1 FUEL SYSTEM REFERENCE: EMM 05.20.00 FUEL SYSTEM ; EMM 73-10-05 ; 72-00-00 FUEL NOZZLES: REMOVE, CLEAN AND DO A FUNCTIONAL CHECK ON ONLY THE FOUR TOP POSITIONED NOZZLES AT LOCATION 1,2,13 & 14 IF SIGNIFICANT CARBON BUILD-UP OR SIGNS OF DISTRESS IS OBSERVED, DO A BOROSCOPE CHECK FOR DAMAGE TO THE COMBUSTOR AND THE CT VANE NOTE: REFER EMM CHAPTER 05.20.00 TABLE 2 SCHEDULED MAINTENANCE CHECKS FUEL SYSTEM FOR FURTHER INFORMATION. REMARKS: <i>N/A. DUE TO UPGRADED TO 600 HRS INTERVAL</i>	-		19/8/22
58	05.20.00 TABLE 5 SCHEDULED MAINTENANCE CHECKS : ENGINE #2 EXTERNALS P2.8 CHECK VALVE (PRE-SB41103) REFERENCE: EMM 05.20.00 ; EMM 72-30-04, GAS GENERATOR CASE MAINTENANCE PRACTICES VISUAL INSPECTION AND DIMENSIONAL INSPECTION REMARKS: NOT APPLICABLE DUE TO POST SB41103	-		19/8/22
59	05.20.00 TABLE 5 SCHEDULED MAINTENANCE CHECKS ENGINE #2 FUEL SYSTEM REFERENCE: EMM 05.20.00 FUEL SYSTEM ; EMM 73-10-05 ; 72-00-00 FUEL NOZZLES: REMOVE, CLEAN AND DO A FUNCTIONAL CHECK ON ONLY THE FOUR TOP POSITIONED NOZZLES AT LOCATION 1,2,13 & 14 IF SIGNIFICANT CARBON BUILD-UP OR SIGNS OF DISTRESS IS OBSERVED, DO A BOROSCOPE CHECK FOR DAMAGE TO THE COMBUSTOR AND THE CT VANE NOTE: REFER EMM CHAPTER 05.20.00 TABLE 2 SCHEDULED MAINTENANCE CHECKS FUEL SYSTEM FOR FURTHER INFORMATION. REMARKS: <i>N/A. DUE TO UPGRADED TO 600 HRS INTERVAL</i>	-		19/8/22
60	ENGINE #1 OIL SYSTEM - COMPRESSOR ROTOR, FIRST-STAGE REFERENCE: EMM 72-30-05 (COMPRESSOR ROTOR - MAINTENANCE PRACTICES). VISUAL CHECK FOR FOD, EROSION AND OVERALL CONDITION REMARKS: <i>C/O SATIS</i>			19/8/2022
61	ENGINE #2 OIL SYSTEM - COMPRESSOR ROTOR, FIRST-STAGE REFERENCE: EMM 72-30-05 (COMPRESSOR ROTOR - MAINTENANCE PRACTICES). VISUAL CHECK FOR FOD, EROSION AND OVERALL CONDITION REMARKS: <i>C/O SATIS</i>			19/8/2022

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TICK ✓ WHERE APPLICABLE

AW139 - STARTER GENERATOR BRUSH WEAR CALCULATION

Reference: AMP-39-A-24-31-01-01A-31AA-A Brush Set - Detailed Inspection

A/C REG: 9M-PMD (31809)
 POSITION: NO.1 ENGINE
 STARTER GENE P/N: 300SGL146Q-3-XL
 SERIAL NO: A01869

1. LENGTH OF THE SHORTEST BRUSH:	14.7	mm	= Y
2. OPERATING HOURS FROM AIRCRAFT LOGBOOK:	291	FH	= T
3. CURRENT BRUSH WEAR (Formula: 17.78 - Y): <i>Note: Max wear length on the new brush is 17.78mm</i>	3.08	mm	= X
4. BRUSH WEAR PER HOUR (Formula: X/T:Z):	0.0106	mm/hour	= Z
5. SERVICEABLE BRUSH LIFE REMAINING (Formula: Y/Z:W)	1386.79	hours	=W

A/C REG: 9M-PMD (31809)
 POSITION: NO.2 ENGINE
 STARTER GENE P/N: 300SGL146Q-3-XL
 SERIAL NO: A01996

1. LENGTH OF THE SHORTEST BRUSH:	14.5	mm	= Y
2. OPERATING HOURS FROM AIRCRAFT LOGBOOK:	291	FH	= T
3. CURRENT BRUSH WEAR (Formula: 17.78 - Y): <i>Note: Max wear length on the new brush is 17.78mm</i>	3.28	mm	= X
4. BRUSH WEAR PER HOUR (Formula: X/T:Z):	0.0113	mm/hour	= Z
5. SERVICEABLE BRUSH LIFE REMAINING (Formula: Y/Z:W)	1283.19	hours	=W



SERVICEABLE



ITEM ID:	42473		
DESCRIPTION:	ORING		
PART NO:	AS3209-113	QTY:	2.00
SERIAL NO:	N/A	BIN:	C -06-01
CONDITION:	NE	LOCATION:	WAREHOUSE BONDED
TSN:		TSO:	
SHELF DUE / EXP DATE:			
JOB ID:	11907	PO ID:	SIGN:  23/03/2021
GIN / ID. NO:	GiN530	APPROVAL:	



Virgil Harris
Proponent
3120 E. Enterprise St.
Brea, CA 92821
Email: vharris@proponent.com

Subject: AS3209-*** Rev: A
Re: Certification of Compliance to Drawing Requirements

Please be advised that Parker part number A7276-*** meets the dimensional requirements and procurement specification (referenced material specification) for the subject drawing.

Note: asterisk *** refers to the entire range of listed part number standard sizes on the subject drawing.

This letter, in conjunction with the referenced manufacturing certification, indicates compliance of our certified part number and the referenced procured customer part number.

In order for this certification to be valid, the data box below must be complete for the procured customer part number.

Please contact Proponent if you have any questions.

Customer Part Number:	AS3209-113
Manufacturer's Batch Number:	0080380208
Proponent Lot Number:	641675-04
Certification Date:	01/10/2020

Sincerely,

Chuck Dydasco
Division Quality Manager

Parker Hannifin Corporation
Engineered Materials Group
O-Ring and Engineered Seals Division (OES)
2360 Palumbo Drive
Lexington, Kentucky 40509 (USA)

THIS IS A COPY OF THE ORIGINAL
CERTIFICATION AS DELIVERED
TO PROPONENT





CLIENT/OWNER: ROYAL MALAYSIA POLICE AW139 REGISTRATION: 9M-PMD BASE/FACILITY: WMSA DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO. AIRCRAFT: 31809 #1 ENGINE: PCE-KB2112 #2 ENGINE: PCE-KB2092	HOURS REFER WORKPACK REFER WORKPACK REFER WORKPACK	LDG/CYCLE REFER WORKPACK REFER WORKPACK REFER WORKPACK	WORKSHEET NO: 11907-002 WORK/INSP/DESC: 300 FH // 1 Y INSPECTION WORKPACK REF: 9M-PMD-11907 AJL REF NO.: REFER WORKPACK SHEET: 1 OF 7
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Reason for raising: 300 FH // 1 Y INSPECTION TO BE CARRY OUT I.A.W AIRCRAFT MAINTENANCE PROGRAM RMPAOF/CAMO/AMPIAW139 ISSUE 3 REV. 0 DATED 03 FEB 2021 OR LATER APPROVED REVISIONS.	Raised by and date: CAMO; Zulkarnaen Ibrahim 15/07/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
1	25-16 CARGO HOOK REFERENCE (DMC): 39-A-25-92-00-00A-365A-K DO A FC ELECTRICAL CONTINUITY TO CHECK INTEGRITY OF SHIELDED CABLES (CABLES REMOVAL REQUIRED) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: <i>C/O SATIS. REFER W/P 9M-PMD-12357.</i>	<i>[Signature]</i>	<i>[Signature]</i> 	19/8/22
2	25-19 CARGO HOOK VIDEO-CAMERA REFERENCE (DMC): 39-A-25-93-00-00A-31AA-K DO A DI OF INTERNAL SIDE FOR CORROSION AND CONDITION (FAIRING REMOVAL REQUIRED) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: <i>C/O SATIS.</i>	<i>[Signature]</i> 8242	<i>[Signature]</i> 	19/8/22
3	25-79 HEAVY DUTY BAGGAGE COMPARTMENT REFERENCE (DMC): 39-A-25-59-00-01A-310A-K DO A GVI OF THE BAGGAGE BAY LINERS AND BARRIER PANELS FOR CONDITION, CORROSION, CRACKS AND DAMAGE. ENSURE ALL PANELS ARE FIRMLY ATTACHED TO STRUCTURE AND THAT PANELS ARE FREE FROM PHYSICAL DAMAGE (BAGGAGE BAY LINERS OR BARRIER PANELS REMOVAL NOT REQUIRED). NOTE: HELICOPTERS AW139 THAT HAVE THE KIT HEAVY DUTY BAGGAGE COMPARTMENT P/N 4G2550F00211 REMARKS: <i>NOT APPLICABLE DUE TO DIFFERENT CONFIGURATION.</i>	-	<i>[Signature]</i> 	20/8/22
4	32-08 NLG CENTER LOCK ATTACHMENT, LOCK PIN AND TORQUE LINK ATTACHMENTS AND ANTI-SHIMMY DEVICE (LIEBHERR LANDING GEAR INSTALLATION) REFERENCE (DMC): 39-A-32-20-00-00A-31AA-A ; 39-A-32-51-01-00A-31AA-A DO A DI FOR CONDITION, SECURITY, DAMAGE AND LEAKS (ANTI-SHIMMY DEVICE ONLY) (INCLUDING ELECTRICAL CONNECTOR AND ITS EXPOSED WIRING) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: <i>CARRIED OUT, FOUND SATISFACTORY</i>	<i>[Signature]</i> 8106	<i>[Signature]</i> 	19/8/22
5	32-34 NLG CENTER LOCK ATTACHMENT, LOCK PIN AND TORQUE LINK ATTACHMENTS AND ANTI-SHIMMY DEVICE (GOODRICH LANDING GEAR INSTALLATION) REFERENCE (DMC): 39-B-32-20-00-00A-31AA-K 39-B-32-21-01-00A-31AA-K 39-B-32-51-01-00A-31AA-K DO A DI FOR CONDITION, SECURITY, DAMAGE AND LEAKS (ANTI-SHIMMY DEVICE ONLY) (INCLUDING ELECTRICAL CONNECTOR AND ITS EXPOSED WIRING) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: NOT APPLICABLE DUE FITTED WITH LIEBHERR LANDING GEAR	-	<i>[Signature]</i> 	19/8/22

*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



CLIENT/OWNER: ROYAL MALAYSIA POLICE AIRCRAFT TYPE: AW139 REGISTRATION: 9M-PMD BASE/FACILITY: WMSA DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO. 31809	HOURS	LDG/CYCLE	WORKSHEET NO: 11907-002 WORK/INSP/DESC: 300 FH // 1 Y INSPECTION WORKPACK REF: 9M-PMD-11907 AJL REF NO.: REFER WORKPACK SHEET: 2 OF 7
AIRCRAFT	31809	REFER WORKPACK		
#1 ENGINE: PCE-KB2112	PCE-KB2112	REFER WORKPACK		
#2 ENGINE: PCE-KB2092	PCE-KB2092	REFER WORKPACK		
		NG / N1	NF / N2	

Reason for raising: 300 FH // 1 Y INSPECTION TO BE CARRY OUT I.A.W AIRCRAFT MAINTENANCE PROGRAM RMPAOF/CAMO/AMPI/AW139 ISSUE 3 REV. 0 DATED 03 FEB 2021 OR LATER APPROVED REVISIONS.	Raised by and date: CAMO; Zulkarnaen Ibrahim 15/07/2022	Other requirements/information: NIL
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Item	Description	Technician	* Eng. CRS	Date
6	33-24 A800 AND TLX LIGHT STRUCTURE PERFORM A DI OF THE SEACHLIGHT ASSEMBLY FOR DAMAGE AND CONDITION. TACTILE INSPECTION OF SEARCHLIGHT ATTACHMENT FOR SECURITY. INSPECT AROUND ATTACHING SCREWS AND SEALING JOINTS OF THE SEARCHLIGHT ASSEMBLY COVERS FOR EVIDENCE OF SEALING DEGRADATION REF. (DMC): 39-L-33-49-01-00A-31AA-K REMARKS: <i>N/A DUE TO ITEM NOT INSTALL</i>		 	19/8/22
7	62-01 MAIN ROTOR BLADES CONTINUITY STRIP AND DAMPER BONDING STRAPS REMARKS:39-A-62-11-01-00A-365A-A DO A FC FOR ELECTRICAL CONTINUITY. INCLUDES A VC FOR DAMAGE, CONDITION AND SECURITY OF ATTACHMENT AND DEBONDING (STRIPS ONLY) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: <i>CARRIED OUT FOUND SATISFACTORY.</i>	 8242	 	19/8/22
8	62-26 ROTATING CONTROLS INSTALLATION - SWASHPLATE ASSEMBLY DUPLEX BEARING REFERENCE (DMC): 39-A-62-31-06-00A-320A-A DO AN OC TO DETECT BEARING ROUGHNESS (PITCH CHANGE LINK END/UPPER BOOT LOWER END/SCISSORS DISCONNECTION REQUIRED) NOTE: USE THE LIMIT THAT OCCURS FIRST. REMARKS: <i>SATIS</i>	 8241	 	19/8/22
8.1	THE DUPLICATE INSPECTION FOR TASK 62-26 ROTATING CONTROLS INSTALLATION - SWASHPLATE ASSEMBLY DUPLEX BEARING (CORRECT INSTALLATION, PROPER INSTALLATION AND SECURITY OF ATTACHMENT) CARRIED OUT IN ACCORDANCE WITH THE CAD 8601 PARA 5.12(3) 1st Inspector Sign: Approval/Stamp: DATE: <i>20/8/22</i> 2nd Inspector Sign: Approval/Stamp: DATE: <i>20/8/22</i>			
9	ROTATING SCISSORS - REMOVE PROCEDURE TO FACILITATE TASK 62-26 REF (DMC): 39-A-62-31-01-00A-520A-A REMARK: <i>SATIS</i>	 8241	 	19/8/22

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*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.

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Please send to the following address: LEONARDO S.p.A. CUSTOMER SUPPORT & SERVICES - ITALY PRODUCT SUPPORT ENGINEERING & LICENSES DEPT. Via Giovanni Agusta, 520 21017 Cascina Costa di Sarnate (VA) - ITALY Tel.: +39 0331 225036 Fax: +39 0331 225988	BOLLETTINO TECNICO COMPLIANCE FORM	Date: 20/08/2022
	Number:	AO 2021-0044 (139-661)
	Revision:	R1.

Customer Name and Address: GALAXY AEROSPACE (M) SDN BHD, Suite 11-14, Helicopter Centre, Malaysia International Aerospace Centre, Sultan Abdul Aziz Shah Airport, 47200 Subang, Selangor, Malaysia	Telephone: 603-7734 7226
	Fax: 603-7734 7526
	B.T. Compliance Date: 20/08/2022

Helicopter Model	S/N	Total Number	Total Hours	T.S.O.
AW139	31809		1408:15	

Remarks: *C / OUT FOUND SATIS.*  

Information:

 We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address or you can communicate the application also via Technical Bulletin Application Communication Section placed in Leonardo AW Customer Portal - MyCommunications Area. We thank you beforehand for the information given.

