

GALAXY AEROSPACE (M) SDN. BHD. [1040262-D]

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WORKPACK

CLIENT/OWNER: APMM SUBANG AIR STATION HOURS SERIAL NO. LDG/CYCLE WORKPACK NO: M72-02-5077 WORK/INSP/DESC: FLEET CHECK 5361 AIRCRAFT TYPE:AW139 4785.6 31315 **AIRCRAFT** ADDITIONAL TASK REGISTRATION: M72-02 AERONET JOB NO.: 2024-5077 PCE-KB0740 4785.6 N/A N/A #1 ENGINE: BASE/FACILITY: APMM, WMSA AJL REF NO .: 315 - 002494 PCE-KB0732 4185.6 #2 FNGINE DATE IN: 22/3/24 OUT: 22/3/24 N/A N/A SHEET: OF 1 1000 H 1530H NF/N2 NG/N1 Reason for raising: Other requirements/information: Raised by and date: FLEET CHECK - ADDITIONAL TASK ADDED FROM WORKPACK NO: M72-02-5050 CAMO; Nur Atira Najihah FOR ONE TIME INSPECTION ON TAIL SECTION TO BE CARRIED OUT. REFER TO N/A binti Anuar DGTA LETTER REF.: DGTA 213/3 DTD 21 MAC 2024 21/03/2024 List of scheduled inspection and all work carried out under this workpack including individual reference. Master Signature Schedule APP/STAMP/ DATE TOTAL WORKSHEET REF SIGNATURE NAME INSPECTION / WORK NO. STAFF ID COMPLETED M/H FLEET CHECK - ADDITIONAL TASK ADDED FROM GAM MO10 5077-001 1 WORKPACK NO: M72-02-5050 FOR ONE TIME 22/3/20 5.5 MUS BAUIN INSPECTION ON TAIL SECTION GAM A027 DGTA MUSTRAIN GAM M068 DGIA ADRIN ADDUCE DANIAL Galaxy Aerospace (M) Sdn. Bhd. I hereby certify the following task has been performed and found 1) All the tools and equipment used for maintenance has been removed from aircraft. 2) All the access panels removed for maintenance access has been reinstalled. 3) All the excess spares and materials have been notified to AMO Planner for return plan. 4) FOD check has been don Sign & Stamp: Date & Time: 22 3124 1530 FIRM SIGN & APPROVAL NAME 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 GAM HASANUN OEM PUBLICATION/ REVISION: 44TH ISSUE 14-02-2024



GALAXY AEROSPACE (M) SDN, BHD. [1040262-D] Suite 11-14, Helicopter Centre, Malaysia International Aerospace C Sultan Abdul Aziz Shah Airport, 47200 Subang, Selangor, Malaysia Tel: +603 7734 7226 | Fax: +603 7734 7526 nal Aerospace Centre. www.galaxyaerospace.my | enquiry@galaxyaerospace.my

WORKSHEET 

CLIENT/OWNER: APMM SUBANG AIR STATION SERIAL NO. HOURS LDG/CYCLE WORKSHEET NO: 5077-001 **AIRCRAFT** 31315 REFER WORKPACK FLEET CHECK -ADDITIONAL TASK WORK/INSP/DESC: AIRCRAFT TYPE: AW139 PCE-KB0740 REGISTRATION: M72-02 #1 ENGINE: REFER WORKPACK WORKPACK REF: M72-02-5077 BASE/FACILITY: APMM, WMSA PCE-KB0732 AJL REF NO .: 315 - 002494 #2 ENGINE: REFER WORKPACK OUT: REFER WORKPACK REFER WORKPACK DATE IN: SHEET: NG/N1 NF/N2 1 Reason for raising: Raised by and date: Other requirements/information: FLEET CHECK - ADDITIONAL TASK ADDED FROM WORKPACK NO: M72-02-5050 CAMO; Nur Atira Najihah FOR ONE TIME INSPECTION ON TAIL SECTION TO BE CARRIED OUT. REFER TO binti Anuar DGTA LETTER REF.: DGTA 213/3 DTD 21 MAC 2024 21/03/2024 Item Description Technician Eng CRS Date 1 04-06 TAIL ROTOR BOOT REFERENCE (DMC): N/A DO A GVI FOR DAMAGE AND CONDITION 87/03/24 REMARKS: POULD SOME PRECORY 1200H 12304 2 04-07 TAIL ACCESS PANELS REFERENCE (DMC): N/A 22/03/24 DO A GVI FOR CONDITION AND SECURITY REMARKS: FOLLY SEXTISTALETURY 1330H 67-09 TAIL ROTOR SERVOACTUATOR INSTALLATION 3 REFERENCE (DMC): 39-A-67-32-00-00A-310A-A DO A GVI 32/20/24 NOTE 3: USE THE LIMIT THAT OCCURS FIRST. NOTE 17: INSPECTION INTERVAL MUST BE REDUCED FROM 1200 FH/2 YEAR TO 1200 FH/1 YEAR IN CASE OF SALINE AND/OR HIGH HUMIDITY ENVIRONMENT OPERATION CONDITIONS. 1030 H REMARKS: LOUND SETTIFFICING 4 MAIN HYDRAULIC SYSTEM - OPERATION TEST REFERENCE (DMC): 39-A-29-10-00-00A-320A-A REQUIREMENTS AFTER JOB COMPLETION 1 CLOSE THE ACCESS DOOR 473AL. REFER TO 39-A-06-41-00-00A-010A-A 2 REMOVE THE PLATFORMS FROM THE LEFT AND RIGHT SIDES OF THE FUSELAGE 22/23/20 REMARKS: FOUND SOTUPDETURY 1100H 1 The work recorded above has been carried out in accordance with the AW139 Interactive Electronic Technical Publication (IETP), Air-vehicle Maintenance Planning Information (AMPI) - EASA and PT6C-67C Engine Maintenance Manual. The work recorded above has been carried out in accordance with the Airbus AS555SN Maintenance Manual, Airbus AS555SN Airworthiness Limitations Section (ALS) and Master Servicing Manual (MSM) and Arrius 1 A Maintenance Manual. The work recorded above has been carried out in accordance with Super Lynx Compound Interactive Electronic Technical Publication (CIETP) and CTS800-40N Engine Maintenance Manual. The work recorded above has been carried out in accordance with the Airbus AS365N3 Maintenace Manual, Airbus AS365N3 Airworthiness Limitations Section (ALS) and Master Servicing Manual (MSM) and Arriel 2C Maintenance Manual The work recorded above has been carried out in accordance with the requirements of the Technical Airworthiness Management Manual (TAMM) for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.



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WORKSHEET 

CLIENT/OWNER: APMM SUBANG AIR STATION SERIAL NO. HOURS LDG/CYCLE WORKSHEET NO: 5077-001 FLEET CHECK -ADDITIONAL TASK **AIRCRAFT** 31315 REFER WORKPACK WORK/INSP/DESC: AIRCRAFT TYPE: AW139 REGISTRATION: M72-02 PCE-KB0740 REFER WORKPACK #1 ENGINE: WORKPACK REF: M72-02-5077 BASE/FACILITY: APMM, WMSA AJL REF NO .: 315 - 003494 PCE-KB0732 #2 ENGINE: REFER WORKPACK REFER WORKPACK OUT: REFER WORKPACK DATE IN: SHEET: DE NG / N1 NF/N2 2 Reason for raising: Raised by and date: Other requirements/information: FLEET CHECK - ADDITIONAL TASK ADDED FROM WORKPACK NO: M72-02-5050 CAMO; Nur Atira Najihah FOR ONE TIME INSPECTION ON TAIL SECTION TO BE CARRIED OUT. REFER TO binti Anuar DGTA LETTER REF.: DGTA 213/3 DTD 21 MAC 2024 21/03/2024 Item Description Technician \* Eng. CRS Date 5 **ROTOR FLIGHT CONTROLS - OPERATION TEST** REFERENCE (DMC): 39-A-67-00-00-00A-320A-A GAM MO10 REQUIREMENTS AFTER JOB COMPLETION 1 REMOVE ALL THE TOOLS AND THE OTHER ITEMS FROM THE WORK AREA. MAKE SURE THAT THE WORK AREA IS CLEAN. 2 INSTALL/CLOSE THE ACCESS PANELS/DOOR 131AL, 180BL AND 213AL. REFER TO 39-A-06-41-00-00A-010A-A REMARKS: CAPPLED OUT FOUND SATISTACTORY. 1080 H 10004 6 POWER PLANT - GROUND RUN REFERENCE (DMC): 39-A-71-00-00-00A-13BA-A REMARKS: FOUND SIXTHS FLETCHLY. 22/03/21 1530 1 The work recorded above has been carried out in accordance with the AW139 Interactive Electronic Technical Publication (IETP), Air-vehicle Maintenance Planning Information (AMPI) - EASA and PT6C-67C Engine Maintenance Manual. The work recorded above has been carried out in accordance with the Airbus AS555SN Maintenance Manual, Airbus AS555SN Airworthiness Limitations Section (ALS) and Master Servicing Manual (MSM) and Arrius 1 A Maintenance Manual. The work recorded above has been carried out in accordance with Super Lynx Compound Interactive Electronic Technical Publication (CIETP) and CTS800-40N Engine Maintenance Manual. The work recorded above has been carried out in accordance with the Airbus AS365N3 Maintenace Manual, Airbus AS365N3 Airworthiness Limitations Section (ALS) and Master Servicing Manual (MSM) and Arriel 2C Maintenance Manual The work recorded above has been carried out in accordance with the requirements of the Technical Airworthiness Management Manual (TAMM) for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.



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**PARTS REPORT** 

CLIENT/OWNER: APMM SUBANG AIR STATION SERIAL NO. HOURS LDG/CYCLE 5077-001 WORKSHEET NO: FLEET CHECK -ADDITIONAL TASK REFER WORKPACK **AIRCRAFT** WORK/INSP/DESC: AIRCRAFT TYPE: AW139 PCE-KB0740 REFER WORKPACK REGISTRATION: M72-02 #1 ENGINE: WORKPACK REF: M72-02-5077 PCE-KB0732 REFER WORKPACK AJL REF NO: 315-002494 BASE/FACILITY: APMM, WMSA #2 ENGINE: REFER WORKPACK OUT: REFER WORKPACK DATE IN: 1 SHEET: NG/N1 NF/N2 Reason for raising: Raised by and date: Other requirements/information: FLEET CHECK - ADDITIONAL TASK ADDED FROM WORKPACK NO: M72-02-5050 CAMO; Nur Atira Najihah FOR ONE TIME INSPECTION ON TAIL SECTION TO BE CARRIED OUT. REFER TO binti Anuar N/A DGTA LETTER REF.: DGTA 213/3 DTD 21 MAC 2024 21/03/2024 Serial Number Item Part No Release Lifed Item Information Description Qty Position Reason Off TSN/TSO/DUE/TIMEX Reference On NAME FIRM SIGN & APPROVAL DATE 22/3/24 MORRANIA MADIO The work recorded above has been carried out in accordance with the AW139 Interactive Electronic Technical Publication (IETP), Air-vehicle Maintenance Planning Information (AMPI) - EASA and PT6C-67C Engine Maintenance Manual. The work recorded above has been carried out in accordance with the Airbus AS555SN Maintenance Manual, Airbus AS555SN Airworthiness Limitations Section (ALS) and Master Servicing Manual (MSM) and Arrius 1 A Maintenance Manual. The work recorded above has been carried out in accordance with Super Lynx Compound Interactive Electronic Technical Publication (CIETP) and CTS800-40N Engine Maintenance Manual. The work recorded above has been carried out in accordance with the Airbus AS365N3 Maintenace Manual, Airbus AS365N3 Airworthiness Limitations Section (ALS) and Master Servicing Manual (MSM) and Arriel 2C Maintenance Manual The work recorded above has been carried out in accordance with the requirements of the Technical Airworthiness Management Manual (TAMM) for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

TABLE A - Trim position recorded values

| PARAMETER                              | POSITION   | EXPECTED VALUES NOTE | REQUIRED<br>VALUES |                                        | RECORDEI<br>VALUE |
|----------------------------------------|------------|----------------------|--------------------|----------------------------------------|-------------------|
| Lat Cyc<br>(TRIM)<br>(deg)             | Centred    | 50° ± 2°             | 49%                |                                        | 49.9              |
|                                        | Full Left  | 72° ± 2°             | 5%                 |                                        | 72.2              |
|                                        | Full Right | 27° ± 2°             | 95%                |                                        | 26.q              |
| Long Cyc<br>(TRIM)<br>(deg)            | Centered   | 50° ± 2°             | 36%                |                                        | 50.2              |
|                                        | Full Aft   | 68° ± 2°             | 5%                 |                                        | 64.8              |
|                                        | Full Fwd   | 16° ± 2°             | 95%                |                                        | 16.4              |
| Tail Rotor Pedal<br>(TRIM)<br>(deg)    | Centered   | 45° ± 2°             | 50%                |                                        | 44.5              |
|                                        | Full Left  | 72° ±2°              | PRIMUS<br>EPIC 4.8 | PRIMUS<br>EPIC 5.6<br>OR<br>SUBSEQUENT | ₽.2               |
|                                        |            |                      | 5 %                | 95%                                    |                   |
|                                        | Full Right | 21° ± 2°             | PRIMUS<br>EPIC 4.8 | PRIMUS<br>EPIC 5.6<br>OR<br>SUBSEQUENT | <b>ૠ</b> .ક       |
|                                        |            |                      | 90 %               | 10%                                    |                   |
| Collective Pitch<br>(TRIM)<br>(% coll) | Centered   | 50% ±3%              | 50%                |                                        | 50                |
|                                        | Full Up    | 95% ±3%              | 95%                |                                        | 94.4              |
|                                        | Full Down  | 5% ±3%               | 5%                 |                                        | 4.2               |

NOTE: The given angular tolerance (between synoptic page displayed angle "α°" and the FDR recorded angle " $\beta$ °") is calculated with this formula:  $\beta$ °= $\alpha$ °± $\Phi$ ° where " $\Phi$ °" is the angular adjustment caused by

- AIOP processing and approximation

- FCS synoptic page approximation.



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Figure 1 Flight data recorder system - Multi-purpose flight recorder - Functional check (Sheet 3 of 4)