



Audit Report

Report No.	IAR-2023/033
Area / Scope	GAM-145
Date of audit	12 Apr 2023



A		AUDIT DETAILS						
1.	Audit Type / Category	<p>Tick where applicable</p> <table> <tr> <td><input type="checkbox"/> Scheduled</td> <td><input type="checkbox"/> Vendor</td> </tr> <tr> <td><input type="checkbox"/> Surveillance</td> <td><input type="checkbox"/> Product</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> Variation to approval</td> </tr> </table> <p>Specify: PLPGU Ipoh Line Maintenance up to 25 Hours</p>	<input type="checkbox"/> Scheduled	<input type="checkbox"/> Vendor	<input type="checkbox"/> Surveillance	<input type="checkbox"/> Product		<input checked="" type="checkbox"/> Variation to approval
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<input type="checkbox"/> Surveillance	<input type="checkbox"/> Product							
	<input checked="" type="checkbox"/> Variation to approval							
2.	Audit Reference	<ol style="list-style-type: none"> CAD 8601 Maintenance Organisation Approval Issue 01 Rev 01 dated 15 November 2022, GAM/CAAM/MOE Issue 3 Rev 1, dated 26 October 2022, GAM/EPM/AMO Issue 2 Rev 3, dated 08 Dec 2022 						
3.	Auditor(s)	1. Wan Ahmad Fadhil bin Wan Mohd Fauzi (Lead Auditor)						
4.	Auditee(s)	1. Ainudin Fazrin bin Anuar						
5.	Location	1. Pusat Latihan Pasukan Gerakan Udara (PLPGU) Ipoh, located at Jalan Lapangan Terbang, 31350 Ipoh, Perak						
B		AUDIT SUMMARY						
1	<u>General Information</u>	<p>This audit was carried out to evaluate the readiness of PLPGU Ipoh to facilitate the AW139 line maintenance up to 25 Flight Hours inspection.</p> <p>This audit to extend the capabilities to adding the Leonardo S.p.A. AW139 fitted with Pratt & Whitney Canada Corp. PT6C-67C engines with scope of Line Maintenance up to 25 Flight Hours Inspection.</p> <p>The audit focusing on the scope as below:</p> <ol style="list-style-type: none"> Facilities Tools and Equipment Maintenance Data Personnel Safety <p>The annual audit was carried out with reference to the latest revision of Maintenance Organisation Exposition (MOE), Engineering Procedure Manual (EPM) and Capability Evaluation Checklist (GAM/Q-066).</p> <p>Management of Change has been raised by Haji Amran Shah bin Masnon on 14 March 2023.</p>						

2	<p><u>Facilities</u></p> <p>The PLPGU Ipoh has been approved as per MOE Part 1.8.2 with Scope Line & Base Maintenance with limitation Textron Aviation Inc. Model 172S fitted with Lycoming IO-360-L2A engine.</p> <p>The hangar space and dispersal area to carry out ground run was determined by auditor as feasible to carry out as per the task listed in the Work Package of 25 FH inspection. The lighting and ventilation of hangar were viable to achieve a good working environment.</p> <p>The holding room has segregated a shelf allocated to AW139 maintenance operation. The room was environmental control.</p>
3	<p><u>Tool and equipment</u></p> <p>The tools and equipment required for 25 FH inspections were laptop which is required for HUMS data download.</p> <p>Basic general tool shall be dispatched from PGU Subang when required to operate from PLPGU Ipoh.</p>
4	<p><u>Maintenance Data</u></p> <p>Maintenance data provided by using AW139 IETP 42 Issue update 2023-01-07, verified with the Publication Master list, GAM/P-2023-11 dated 07 April 2023. The maintenance data used were updated. The work order shall be processed by PPC in GAM-PGU Subang AW139 Office.</p> <p>The sample work order reviewed, the work order consists of 2 task/inspection, 25 FH inspection and 25 FH HUMS download. In the 25 FH inspection, Item 1 and Item 2 were not applicable to PGU AW139 fleet. Item 3 and Item 4 are Power Assurance checks that are required to carry out in the dispersal area. In the 25 tasks HUMS download, Item 1, the reference given in the worksheet is amiss to the work carry out. (NCR 01)</p>
5	<p><u>Personnel</u></p> <p>The personnel shall be on a detachment basis to PLPGU Ipoh. The aircraft shall be stationed during training exercises done by PGU Operation. The team shall be contain each of trade B1 and B2 certifying staff.</p>
6	<p><u>Safety</u></p> <p>The Risk assessment was not performed prior to the internal audit. (NCR 02)</p> <p>Standard PPE's were available during the audit such as reflective vest, safety shoe, and ear muff.</p>
7	<p><u>Conclusion</u></p> <p>There were two(2) minor NCR and no major finding raised during this audit, and NIL OBSERVATION raised during this audit. The audit was determined to be satisfactory in general.</p>



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C PREPARATION AND APPROVAL	
1.	<p>Prepared by Signature :  Date : 27.04.2023</p> <p>Name : WAN AHMAD FADHIL WAN MOHD FAUZI Quality Assurance Inspector Galaxy Aerospace (M) Sdn. Bhd. (1040262-D)</p>
2.	<p>Approved by Signature :  Date : 27 APR 2023</p> <p>Name : OMAR BIN AHMAD Quality Assurance Manager Galaxy Aerospace (M) Sdn. Bhd. (1040262-D)</p>