

**Audit Report**

Report No.	IAR-2024/068
Area / Scope	GAM-CAMO
Date of audit	22 Aug 2024

A		AUDIT DETAILS
1.	Audit Type / Category	Tick where applicable <input type="checkbox"/> Scheduled <span style="margin-left: 200px;"><input type="checkbox"/> Vendor</span> <input type="checkbox"/> Surveillance <span style="margin-left: 150px;"><input type="checkbox"/> Product</span> <input checked="" type="checkbox"/> Variation to approval  Specify: CAMO Variation Audit – AS365N3
2.	Audit Reference	1. CAD 6802 Continuing Airworthiness Management Organisation Approval Iss 01 Rev 00 dated 01 May 2021 2. GAM/CAAM/CAME Iss 4 Rev 0, dated 12 July 2024. 3. GAM/CAMO/CAMP Iss 2 Rev 2, dated 08 Aug 2023.
3.	Auditor(s)	1. Muhammad Izzuddin bin Ibeharim (Lead Auditor) 2. Nur Shaheera Idayu binti Mustafa
4.	Auditee(s)	1. Zaty Nadhira binti Mohamed Zuhari
5.	Location	1. Suite Lot 11-14, MRO Centre, Malaysia International Aerospace Centre, Sultan Abdul Aziz Shah Airport, 47200 Subang, Selangor.
B		AUDIT SUMMARY
<p><b><u>General Information</u></b></p> <p>The objective of this audit is to perform compliance check on Galaxy Aerospace (M) Sdn. Bhd. – Continuing Airworthiness Management Organisation (GAM-CAMO) on the additional of CAMO capability for aircraft Airbus Helicopter AS365N3 fitted with Safran Arriel 2C engines.</p> <p>Galaxy Aerospace (M) Sdn Bhd (GAM) has received Letter of Intent from aircraft owner, Berjaya Air Sdn Bhd (Ref: BA/CAMO/GAM/2024-01 dated 14 May 2024) to engage GAM as aircraft CAMO for aircraft, Airbus AS365N3.</p> <p>The audit was performed as per CAMO Audit Checklist; Form No. GAM/Q-008A Rev 6 (03/24). Audit also cross refer with Management of Change (Ref: GAM/MOC/24/0048). Risk Assessment conducted by GAM Safety Department for the inclusion of new aircraft rating under GAM CAMO (Ref: GAM/SMS/H-61(24))</p> <p>Audit methodology is through documentation review, interview with key personnel and observation at the workplace.</p> <p>Drafted CAME with reference GAM/CAAM/CAME Iss 4 Rev.1 dated 19 August 2024 was prepared which includes the aircraft AS365N3 under GAM Scope of Work. Draft CAME Issue 4 Rev.1 was submitted to CAAM on 20 Aug 2024 (Ref: GAM/CAMO/CAAM-CAME/24-641(118)/ZNZ)</p>		

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**Facility Requirement**

Based on the observation at the CAMO facility, it was found that the office had sufficient office accommodation to perform work in a manner that contributed to good working practice. Wireless internet access was made available for technical documents review. Printer and laptop/computer were also made available and found enough to support CAMO personnel performing their function.

The working environment was in the satisfactory level that does not negatively affect and distract from work being carried out effectively.

**Personnel**

Below are the details of the personnel planned to manage CAMO activities for AS365N3 aircraft:

No.	Name	Position
1	Mohamad Khair bin Shaiful Alam Ismail bin Sulaiman	Airworthiness Review Staff
2	Zulkarnaen bin Ibrahim	Technical Services
3	Nur Nabilla binti Mohd Hasnan	Technical Record
4	Deanna Izzaty binti Ahmad Shoufik	Technical Publication
5	Thavamalar A/P Kumaravelu	Planner

Review of GAM CAMO Manpower Resource and Management Tool (Ref:2024-05 dated 19 Aug 2024) was conducted during the audit. During the review, found that the current manpower resources for both CAMO Planner and Technical Service is insufficient with the proposed inclusion of the new aircraft under GAM CAMO (NCR 01).

Snapshot of the current manhour calculation below includes the vacant position under Technical Services and CAMO Planner. Removal of the vacant position will move the remaining hours to **negative** for GAM CAMO Technical Service and CAMO Planner.

TECHNICAL SERVICE					
AMANI	8	40	1508	REQUIRED HOURS	8816
ZUL	8	40	1508	REMAINING HOURS	232
ADDINIE	8	40	1508	STATUS	SATISFACTORY
VACANT (STAFF)	8	40	1508		
HAZIM (PROTÉGÉ)	8	40	1508		
HANAFI (PGU)	4	20	754		
SHAHRIZAL (PGU)	4	20	754		
			9048		
CAMO PLANNER					
THAVA	8	40	1508	REQUIRED HOURS	16891
HUSNA	8	40	1508	REMAINING HOURS	1205
HUSNINA	8	40	1508	STATUS	SATISFACTORY
HALIMI	8	40	1508		
BADREEN (PROTÉGÉ)	8	40	1508		
AIMAN (PROTÉGÉ)	8	40	1508		
ANWAR (PGU)	8	40	1508		
RIZAL (PGU)	8	40	1508		
SYUHANA (PROTÉGÉ)	8	40	1508		
NARIL (PROTÉGÉ)	8	40	1508		
VACANT (STAFF)	8	40	1508		
VACANT (PROTÉGÉ)	8	40	1508		
			18096		

Figure 1 – Insufficient manhour with the plan inclusion of new aircraft rating under GAM CAMO

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**Management Of Maintenance Data/Technical Publication**

GAM has subscribed to both airframe and engine publication of aircraft AS365N3. All maintenance data for AS365N3 is controlled using Publication Master List. Review of the Publication Master List dated 31 July 2024 was found satisfactory.

**Management of Maintenance Program**

GAM CAMO has prepared and submitted to CAAM aircraft AS365N3 AMP (Ref: BERJAYA/CAMO/AMP/AS365N3 Issue 1 Revision 0 dated 01 Aug 2024). Review of the AMP was conducted with the operator on 01 Aug 2024 (Ref: MOM GAM/CAMO/24/026). AMP was submitted to CAAM for approval on 16 Aug 2024 (Ref: Letter to CAAM GAM/CAMO/CAAM-AMP/24-637(117)/ZNZ).

Sampled check package template for AS365N3 1 Year Airframe Inspection extracted from AERONET was reviewed during the audit against the submitted AMP and found satisfactory. All task reflected on the AMP for the 1Y Airframe Inspection was found tally with the AERONET template.

**Management of Aircraft Journey Log**

GAM generic Aircraft Journey Log (AJL) sample for AS365N3 aircraft was available in current CAME Issue 4 Rev.0 Part 5.1.7 dated 14 July 2024 (AJL Ref: GAM/C-008/GEN Rev.3).

**Management of Airworthiness & Permit to Fly (PTF)**

Application for ARS Variation approval was received by Quality Department for further processing. GAM CAMO has nominated Mr Mohamad Khair bin Shaiful Alam and Mr Ismail bin Sulaiman as the approved ARS for AS365N3 aircraft.

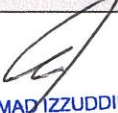

Submitted CAME Issue 4 Rev.1 has included the above-mentioned ARS for the ARS signatory for the AS365N3.

**Conclusion**

There were **ONE (1) 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.

Respective auditee shall respond to all findings by providing appropriate justification within period of time. The auditor hereby recommends GAM-CAMO to include the aircraft in the scope of approval after acceptance and rectification of the NCR issued.

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C	PREPARATION AND APPROVAL
1.	<p>Prepared by</p> <p>Signature :  Date : 22 Aug 2024</p> <p>MUHAMMAD IZZUDDIN BIN IBEHARIM Quality Assurance Inspector Galaxy Aerospace (M) Sdn. Bhd. (1040262D)</p> <p>Name :</p>
2.	<p>Approved by</p> <p>Signature :  Date : 22.08.2024</p> <p>OMAR BIN AHMAD Quality Assurance Manager Galaxy Aerospace (M) Sdn. Bhd. (1040262-D)</p> <p>Name :</p>