

TERHAD

Directorate General Technical Airworthiness  
d/a Pangkalan Udara Subang  
40000 SHAH ALAM  
Selangor

Tel : 03-78444555 Samb 3234  
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31 Jul 23

DGTA.213/12

Galaxy Aerospace (M) Sdn Bhd  
Suite 11-14, Helicopter Centre  
Malaysia International Aerospace Centre  
Lapangan Terbang Sultan Abdul Shah  
47200 SUBANG  
(Untuk Perhatian: CAM *Manager*  
*Quality Manager*)

**LAPORAN INITIAL COMPLIANCE AUDIT (ICA) CONTINUING AIRWORTHINESS  
MANAGEMENT ORGANISATION (CAMO) BAGI GALAXY AEROSPACE (M) SDN  
BHD**

Rujuk:

- A. DGTA.213/12 bertarikh 20 Jul 23.
- B. *Technical Airworthiness Order for Part M Continuing Airworthiness Management* bertarikh 28 Jun 21.

1. Adalah dengan hormatnya, dimaklumkan pihak *Directorate General Technical Airworthiness* (DGTA) telah melaksanakan *Initial Compliance Audit* (ICA) bagi pensijilan *Continuing Airworthiness Management Organisation* (CAMO) ke atas syarikat Galaxy Aerospace (M) Sdn Bhd pada 25 hingga 28 Jul 23 seperti di Rujuk A.
2. Pelaksanaan ICA tersebut bertujuan untuk menentusahkan aktiviti pengurusan *continuing airworthiness* yang dijalankan oleh syarikat menepati prosidur dan ketetapan di Rujuk B yang termaktub dalam *Aircraft Maintenance Program* (AMP) dan *Continuing Airworthiness Management Exposition* (CAME). Laporan penuh audit adalah seperti di TAO-M *Form 13 Approval Recommendation Report* yang disertakan.
3. Pihak syarikat dikehendaki memajukan maklum balas tindakan yang telah diambil terhadap teguran yang dinyatakan dalam TAO-M *Form 13* sebelum **26 Sep 23**.
4. Sekian untuk perhatian dan tindakan pihak syarikat selanjutnya. Terima kasih.



**Ir. AZHAR BIN HJ IDRIS**  
Kol TUDM  
bp *State Airworthiness Authority*

TERHAD

Disertakan:

1. TAO-M Form 13 Approval Recommendation Report bertarikh 31 Jul 23.

Salinan kepada:

Luar:

Maklumat:

Bahagian Kejuruteraan Udara  
Agensi Penguatkuasaan Maritim Malaysia  
Kementerian Dalam Negeri  
Aras 4-11, One IOI Square, IOI Resort  
62502 PUTRAJAYA  
(Untuk Perhatian: *Design Acceptance Representative*)

Galaxy Aerospace (M) Sdn Bhd  
Suite 11-14, Helicopter Centre  
Malaysia International Aerospace Centre  
Lapangan Terbang Sultan Abdul Shah  
47200 SUBANG  
(Untuk Perhatian: *Accountable Manager*)

Dalam:

Tindakan:

*Audit Control Cell*

Maklumat:

Ketua Pengarah - *Technical Airworthiness Regulator.*

DIRECTORATE GENERAL TECHNICAL AIRWORTHINESS

## TAO-M APPROVAL RECOMMENDATION REPORT



## Part 1: GENERAL

Name of organization : Galaxy Aerospace (M) Sdn Bhd

Approval reference : Initial Compliance Audit

Requested approval rating : AW139 & AS365N3

Other approvals held (if applicable) : AMO 03/2021 (AW139 APMM) & AMO 10/2023 (AS365N3 APMM)

Address of Facility(ies) Audited : Galaxy Aerospace (M) Sdn Bhd  
Suite 11-14, Helicopter Centre  
Malaysia International Aerospace Centre  
Lapangan Terbang Sultan Abdul Shah  
47200 Subang

Audit period – from : 25th Jul 23 to 28th Jul 23

Audit reference(s) : DGTA.213/12 dated 20 Jul 23

Persons interviewed : Zaty Nadhira binti Mohamed Zuhari (CAM Manager)  
Omar bin Ahmad (QM)  
Post Holder Approval – DGTA.213/12 dated 20 Jul 23.

DGTA Lead Auditor:

Lt Col Roshenry bin Md Sharif  
PS 1 Maintenance Standard Technology  
Directorate General Technical Airworthiness

Signature(s)



**Part 2: TAO - M COMPLIANCE AUDIT REVIEW**

The four columns may be labeled and used as necessary to record the approved product line or facility reviewed. Against each column used of the following TAO - M, please either tick (√) the box if satisfied with compliance or cross (X) the box if not satisfied with compliance and specify the reference of Part 4 found next to the box or enter N/A where an item is not applicable, or N/R when applicable but not reviewed.

| Technical Requirement |  | Yes | No   | N/A | N/R |
|-----------------------|--|-----|--|-----|-----|
| M.A.701               | Scope  | √   |  |     |     |
| M.A.702               | Application                                    |     | X<br>See Part 4 – 5 of 7   |     |     |
| M.A.703               | Extent of Approval                             | √   |  |     |     |
| M.A.704               | Continuing Airworthiness Management Exposition | √   |  |     |     |
| M.A.705               | Facilities                                     | √   |  |     |     |
| M.A.706               | Personel Requirement                           |     | X<br>See Part 4 – 1 of 7   |     |     |
| M.A.708               | Continuing Airworthiness Management            |     | X<br>See Part 4 – 2 of 7<br>See Part 4 – 3 of 7<br>See Part 4 – 4 of 7<br>&<br>See Part 4 – 7 of 7 |     |     |
| M.A.709               | Documentation                                  | √   |  |     |     |
| M.A.710               | Airworthiness Review                           | √   |  |     |     |
| M.A.711               | Privileges of the Organisation                 | √   |  |     |     |
| M.A.712               | Quality System                                 |     | X<br>See Part 4 – 6 of 7   |     |     |
| M.A.713               | Changes to the CAMO                            | √   |  |     |     |
| M.A.714               | Record Keeping                                 | √   |  |     |     |
| M.A.715               | Continuity Validity of Approval                | √   |  |     |     |
| M.A.716               | CAMO Findings by DGTA                          | √   |  |     |     |



**DGTA Auditor(s):****Lt Cdr Mohd Zulharris Fikri bin Ishak RMN****Maj Ashraf bin Mohammad Radzi RMAF****Signature(s):**
**Date of Form 13 Part 2 completion: 28th July 23**

**Part 3: Compliance With TAO Continuing Airworthiness Management Exposition (CAME)**

Please either tick (√) the box if satisfied with compliance, or cross (X) if not satisfied with compliance and specify the reference of the Part 4 finding, or enter N/A where an item is not applicable, or N/R when applicable but not reviewed.

| <b>Part 0 General Organization</b>                           |                             |  |
|--|-----------------------------|--|
| 0.1  | √                           | Corporate Commitment by the Accountable Manager  |
| 0.1.1  | √                           | General Information  |
| 0.2  | √                           | Management Personnel   |
| 0.3  | √                           | Management Organisation Chart  |
| 0.4  | √                           | Notification Procedure   |
| 0.5  | √                           | CAME Amendment Procedure   |
| <b>Part 1 Continuing Airworthiness Management Procedures</b> |                             |  |
| 1.1  | √                           | Utilisation of Aircraft Continuing Airworthiness Record System and Aircraft Technical Log and MEL and/or CDL |
| 1.2  | √                           | Aircraft maintenance programs – development, amendment, and approval   |
| 1.3  | √                           | Usage and continuing airworthiness records, responsibilities, retention, access                              |
| 1.4  | √                           | Accomplishment and control of airworthiness directives   |
| 1.5  | √                           | Analysis of the effectiveness of the maintenance program (s)   |
| 1.6  | √                           | Non-mandatory modification embodiment policy   |
| 1.7  | √                           | Major repair and modification standards  |
| 1.8  | √                           | Defect reports   |
| 1.9  | √                           | Engineering activity   |
| 1.10   | √                           | Reliability programs   |
| 1.11   | √                           | Pre-flight inspections   |
| 1.12   | √                           | Aircraft weighing  |
| 1.13   | √                           | Check flight procedures  |
| <b>Part 2 Quality System</b>                                 |                             |  |
| 2.1  | √                           | Continuing airworthiness quality policy, plan, and audits procedure  |
| 2.2  | X<br>See Part 4 – 6 of<br>7 | Monitoring of continuing airworthiness management activities   |
| 2.3  | √                           | Monitoring the effectiveness of the maintenance program (s)  |



|  |   |   |
|--|---|---|
| 2.4  | √ | Monitoring that all maintenance is carried out by an appropriate maintenance organization   |
| 2.5  | √ | Monitoring that all contracted maintenance is carried out by the contract, including sub-contractors used by the maintenance contractor |
| 2.6  | √ | Quality audit personnel   |
| <b>Part 3: Compliance With TAO - M Continuing Airworthiness Management Exposition (CAME)</b> |   |   |
| <b>Part 3 Contracted Maintenance</b>   |   |   |
| 3.1  | √ | Maintenance contractor selection procedure  |
| 3.2  | √ | Quality Audit of Aircraft   |
| <b>Part 4 Airworthiness Review Procedures</b>  |   |   |
| 4.2  | √ | Review of aircraft records  |
| 4.3  | √ | Physical survey   |
| 4.7  | √ | Airworthiness review records, responsibilities, retention, and access   |
| <b>Part 5 Appendixes</b>   |   |   |
| 5.1  | √ | Sample Documents  |
| 5.3  | √ | List of Contractors/Tasked Organisations  |
| 5.4  | √ | List of Contracted/Tasked TAO 145 AMOs  |
| 5.5  | √ | Copy of Contracts/Tasking for Contracted/Tasked Work  |
| 5.6  | √ | Copy of Contracts/Tasking with TAO 145 AMOs   |
| 5.7  | √ | List of Operating Organisations to whom the CAMO provides the management of the continuing airworthiness of the aircraft                |
| 5.8  | √ | Copy of continuing airworthiness arrangements with Operating Organisations  |
| CAME Reference:GAM/DGTA/CAME/MASTER1 dated 21 June 23 CAME Amendment: -                      |   |   |
| DGTA Auditor(s):   |   | Signature(s):   |
| Lt Cdr Mohd Zulharris Fikri bin Ishak RMN  |   |   |
| Maj Ashraf bin Mohammad Radzi RMAF   |   |   |
| Date of Form 13 Part 3 completion: 28th July 23  |   |   |

**Part 4: FINDINGS REGARDING TAO - M Compliance Status**

Each Level 1 and 2 finding should be recorded whether it has been rectified or not and should be identified by a simple cross-reference to the Part 2 or Part 3 requirement. All non-rectified findings should be copied in writing to the organization for the necessary corrective action.

| No     | Part 2 or 3 reference                              | Audit reference(s): Findings   | Lvl | Date Due  |
|--------|--|--|-----|-----------|
| 1 of 7 | M.A.706 Personnel Requirement                      | The Audit found that Mohd Shazali bin Ramli, appointed Deputy Continuing Airworthiness Manager, did not submit his Form 4 approval.  | 2   | 26 Sep 23 |
|        | <b>Root Cause / Corrective / Preventive action</b> |  |     |           |
| 2 of 7 | M.A.306 Aircraft Technical Log                     | The Audit found no objective evidence of the Aircraft Technical Log's (ATL) Instruction for Use available at all document levels. In addition, the ATL does not have Document Control Number.  | 2   | 26 Sep 23 |
|        | <b>Root Cause / Corrective / Preventive action</b> |  |     |           |
| 3 of 7 | M.A.708(b)8 Continuing Airworthiness Management    | <p>Reference:<br/>#1. Engine Technical Log PCE - KB0732<br/>#2. Engine Technical Log PCE - KB0740</p> <p>Review on Aeronet (Version 4.0.0) for limits (operating limit, life limit, limit aging, expressed in hours, cycles, months, etc.) findings are as follows:</p> <p>a. Engine Number PCE - KB0732 (No. 2 Engine - M72 -02): The record for Shaft Stub, Compressor Rotor SN: PKAAA310100 inserted to Engine 1 tab. The information supposes to insert into the Engine 2 tab.</p> <p>b. Engine Number PCE - KB0740 (No. 1 Engine - M72 -02): The record for Shaft Stub, Compressor Rotor found physically is SN: PKAAA315279 and not SN: PKAAA310100.</p> | 2   | 26 Sep 23 |
|        | <b>Root Cause / Corrective / Preventive action</b> |  |     |           |



| No   | Part 2 or 3 reference                                       | Audit reference(s): Findings   | Lvl | Date Due  |
|--|---|--|-----|-----------|
| 4 of 7   | M.A.302(e)<br>Aircraft<br>Maintenance<br>Programme<br>(AMP) | Reference:<br><br>#1. MMEA/CAMO/AMP/AW139 Section 4.1.3<br>Airframe & Engine Storage/Preservation.<br>The Audit found Inspection Description at Ref#1<br>does not detail the Storage Inspection Schedule in<br>the form of flyable storage, short-term storage, long-<br>term storage, and engine preservation.  | 2   | 26 Sep 23 |
| <b>Root Cause / Corrective / Preventive action</b> |   |  |     |           |
| 5 of 7   | M.A.201(k)<br>Responsibilities                              | No objective evidence of Operating Organisation may<br>contract/task an organisation approved under Subpart<br>G - CAMO to manage the aircraft's continuing<br>airworthiness. In this case, a written<br>contract/arrangement shall be made by both parties,<br>and the CAMO assumes responsibility for properly<br>accomplishing these tasks.   | 2   | 26 Sep 23 |
| <b>Root Cause / Corrective / Preventive action</b> |   |  |     |           |
| 6 of 7   | M.A.712(a)<br>Quality System                                | Reference:<br>#1. Audit Report No: IAR/2023/054<br>#2. GAM/DGTA/CAME Issue 1 Rev 0 dated 21 Jun<br>23.<br><br>An audit on quality management system was<br>conducted with the findings as follows:<br>a. The internal quality audit was conducted on 21 Jul<br>23 as reported at Ref #1. However, the audit report<br>form (GAM/Q-009) was not registered at Part 5<br>Appendices in Ref #2.<br>b. There is no evidence of Audit Check list was used<br>during internal quality audit which mentioned at Para<br>2.2.2 in Ref #2 | 2   | 26 Sep 23 |
| <b>Root Cause / Corrective / Preventive action</b> |   |  |     |           |



| No   | Part 2 or 3 reference                        | Audit reference(s): <i>Findings</i>   | Lvl | Date Due  |
|--|--|---|-----|-----------|
| 7 of 7   | M.A.302 Aircraft Maintenance Programme (AMP) | Reference:<br>#1. GAM/DGTA/CAME GAM/DGTA/CAME Dated 21 June 2023 para 1.10.D.<br>Analysis of Reliability Data<br>#2. Monthly Reliability Report.<br>#3. Quarterly Reliability Report<br><br>The audit found that the data presented during the Monthly and Quarterly Reliability Meetings for Engine Trend Monitoring and Top Unscheduled Component Removal were not calculate accurately. The information collected is not well analysed to identify trends, specific highlights and related events. Reliability programs must be able to provide appropriate means to monitor the effectiveness of AMP. | 2   | 26 Sep 23 |
| <b>Root Cause / Corrective / Preventive action</b> |  |   |     |           |