

TECHNICAL AIRWORTHINESS ADVISORY CIRCULAR



DIRECTORATE GENERAL TECHNICAL AIRWORTHINESS

TRANSITION OF AN AIRWORTHINESS MANAGEMENT SYSTEM FROM TECHNICAL AIRWORTHINESS MANAGEMENT MANUAL (TAMM) TO MALAYSIAN STATE TECHNICAL AIRWORTHINESS MANUAL (MSTAM)

REFERENCE

- A. Executive Brief Director General Technical Airworthiness (DGTA) to State Airworthiness Authority (SAA) dated 24 May 2024.
- B. Malaysian State Technical Airworthiness Manual (MSTAM) Rev 0 dated 01 June 2024.

APPLICABILITY

1. This Technical Airworthiness Advisory Circular (TAAC) is applicable to all regulated community under current Technical Airworthiness Management Manual (TAMM) inclusive of State Aircraft Operators (SAO) / State Registered Aircraft Operators (SRAO), organisation approval holding Authorised Engineering Organisation (AEO), Approved Maintenance Organisation (AMO), Continuing Airworthiness Management Organisation (CAMO) and Approved Maintenance Training Organisation (AMTO).

EFFECTIVE

2. The instructions effective upon signing this TAAC.

INTRODUCTION

3. According to Reference A, State Airworthiness Authority (SAA) had approved the use of the new airworthiness framework MSTAM to replace TAMM.
4. The new airworthiness management framework formulated following the baseline European Military Airworthiness Requirements (EMAR) to align with international practices of aviation convention to oversight aviation safety.
5. The MSTAM consists of a general policy and requirements described under the

Malaysian State Technical Airworthiness Program (MSTAP) and a set of implementing regulations for design, production, maintenance, training and personnel licensing described under the Malaysian State Technical Airworthiness Regulation (MSTAR).

6. In summary, within the MSTAM environment, the implementing regulations and requirements are regulated under respective MSTAR as follows:

- a. MSTAR 21 – for the management of Design Organisation Approval (DOA), Production Organisation Approval (POA) and Aircraft Certification activities. Previously covered under Regulations 2 and 3 in TAMM.
- b. MSTAR 145 – for the management of Approved Maintenance Organisation (AMO) activities. Previously covered under Regulations 4 and 5 in TAMM.
- c. MSTAR 147 – for the management of Aircraft Maintenance Training Organisation (AMTO) activities. Previously covered under Regulation 6 in TAMM.
- d. MSTAR M – for the management of Continuing Airworthiness Management Organisation (CAMO) activities.
- e. MSTAR 66 – for the management of State Aircraft Maintenance Licensing (SAML) activities.

7. The MSTAM is accessible via DGTA website <http://www.dgta.gov.my>.

PURPOSE

8. This TAAC is issued to describe changes and implementation of the policy and regulations from the Technical Airworthiness Management Manual (TAMM) to the Malaysian State Technical Airworthiness Manual (MSTAM).

9. During the transition period, holder of organisation approval or personnel licence shall seek compliance to either TAMM or MSTAM but not both regulations frameworks at the same period.

10. This TAAC is not intended to educate the regulated community on the detailed application of MSTAM, rather it highlights the implementation plan and general transition activities required by respective holders and applicable airworthiness instruments.

IMPLEMENTATION OF MSTAM

11. The implementation approach of compliance to this TAAC shall be executed in line with the requirement set forth in MSTAM Rev 0 dated 01 June 2024.

IMPLEMENTATION PHASE

12. The changes and implementation of policy and regulations are divided into two (2) phases and will take effect on the date of SAA approving the MSTAM which are:

- a. **Phase 1** - Transitional period of TAMM to MSTAM from 01 June 2024 until 31 May 2025.
- b. **Phase 2** - Full implementation of MSTAM from 01 June 2025.

ORGANISATIONS APPROVAL APPLICATION

13. **NEW APPLICATION.** Any organisations that apply for DOA, POA, AMO, AMTO and CAMO during transition to MSTAM will be required to fulfil MSTAM requirements. Prior to issuing the approval, an assessment of the management system for compliance with MSTAM will be conducted.

14. **CURRENT HOLDER.** SAO and commercial AEO, AMO, AMTO and CAMO will be subject to Compliance and Surveillance Audit by DGTA within the year 2024. During the transitional period, all audits will be treated as Surveillance Audit by DGTA and the following approaches will be implemented.

- a. Organisation holding a valid organisational approval (AEO, AMO, AMTO, CAMO) issued under TAMM framework will remain valid during a period of transition provided the formal instruments still in force.
- b. Six (6) months before validity of the approval due, organisation shall submit a new application following MSTAM requirement as detail in Annex A.

DELEGATIONS

15. **DESIGN ACCEPTANCE REPRESENTATIVE (DAR).** DAR delegations and functions according to TAMM requirements will be maintained during the transitional period until a specific TAAC is issued by DGTA detailing roles and their function in the MSTAM environment.

16. **AIRWORTHINESS STANDARD REPRESENTATIVE (ASR).** Central of Aerospace Engineering And Services Establishment (CAESE) functions as ASR according to TAMM requirements will be maintained during the transitional period until a specific TAAC is issued by DGTA detailing roles and their function in the MSTAM environment.

AIRCRAFT CERTIFICATION

17. **NEW APPLICATION.** All SAO/SRAO new aircraft registration and type certifications (TC/STC/CoA) processes will be subjected to MSTAM requirements and will be addressed further in subsequent TAAC issued by DGTA.

18. **CURRENT AIRCRAFT REGISTRATION AND TYPE CERTIFICATIONS.** All current SAO/SRAO aircraft registration and type certifications (TC/STC/CoA) will be maintained according to TMM requirements during the transitional period and will be addressed further in subsequent TAAC issued by DGTA.

EXTENSION

19. The current holder of AEO, AMO, AMTO and CAMO (SAO/SRAO and commercial organisation) which required additional duration to comply with the implementation plan of this TAAC are required to submit an official application with valid justification to the Authority. An approval for such application is subject to the authority discretion as agreed with the applicant.

CANCELLATION OF INSTRUCTION

20 The instruction in TAAC-M-003 dated 17 Oct 22 will be cancelled once this TAAC is issued.

REPORTING / RECORDING ACTIONS

21. **REPORTS REQUIRED.** There is no mandatory reporting requirement on receipt of this TAAC.

22. **RECORDING ACTION.** A copy of this TAAC is to be retained in the applicable document management system records in accordance with applicable internal procedures.

23. **POINT OF CONTACT.** The DGTA point of contact for this TAAC is Staff Officer 1 Standard, Strategic & Integrity of DGTA through email tarmizi.hashim@mod.gov.my.

31 May 2024



**DIRECTOR GENERAL
TECHNICAL AIRWORTHINESS AUTHORITY**

Annex:

A. Certification and Organisation Approval.

CERTIFICATION AND ORGANISATION APPROVAL

SCENARIO

The current holders of AEO, AMO, AMTO, or CAMO certifications (SAO or commercial organisation) due for Compliance or Surveillance Audit by DGTA on 01 June 2024 onwards should undergo the following processes:

