

To: GAM Maintenance personnel (under State Aircraft approvals)
From: QA Department
Issue: 240821-18
Re: **Transition from Technical Airworthiness Management Manual to Malaysia State Technical Airworthiness Regulation (MSTAR 145)**

Good day, everyone!


We are pleased to announce the transition from the **Technical Airworthiness Management Manual (TAMM)** to the **Malaysia State Technical Airworthiness Regulation (MSTAR 145)** framework. This change is part of our commitment to align with national standards and enhance the safety and efficiency of our airworthiness management processes.

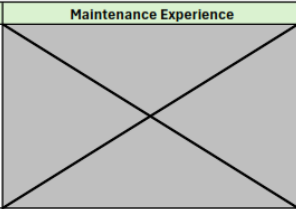
The transition will be implemented in phases where during this period **both Maintenance Manual Procedure (MMP)** and newly drafted **Maintenance Organisation Exposition (MOE)** will be used until the MOE has been approved.

Aligned with this transition, all certifying staff, who are under State Aircraft approvals, are required to submit a new application for company approval using Application for Company Approval (GAM/Q-012 Rev 6). Kindly refer to **Appendix 1 for Requirements for SAML Application**. *It is important for us to show compliance with the regulations outlined in MSTAR 145 while adhering to TAMM.*

The transition from TAMM to MSTAR 145 represents a significant advancement in our airworthiness management practices as well as complying with the national standards. We appreciate your cooperation and support during this transition period. Together, as **Regional Airworthiness Experts**, we will continue to soar to new heights!

Best Regards,


Farah Nabilah
Quality Assurance Executive

Category	Class	Education requirement	Maintenance Experience	Privileges	Application
SAML Category A - Aircraft Maintenance Mechanics	A3 Helicopter Turbine	<ol style="list-style-type: none"> 1) Hold a Academic degree or diploma holder in engineering; or 2) Holding Approved Basic Knowledge Course Certification relevant to the category of SAML; or 3) Holding relevant technical training certification considered as a skilled worker; and 4) Holding Basic Examination Standard Certification relevant to the category of SAML; and 5) Sponsored by MSTAR 145 organisation or any approved organisation under MSTAR M, MSTAR 147, or MSTAR 21, at where the applicant is already employed or its intention to employ. 6) Engineering field without attending aviation induction training. 		Aircraft Maintenance Mechanic permits the holder to act as an aeromechanical mechanic and sign off following minor scheduled line maintenance and simple defect rectification within the limits of tasks specifically endorsed on the certification authorisation referred to in point 145.A.35 of MSTAR 145. The privileges shall be restricted to work that the licence holder has personally performed in the maintenance organisation that issued the certification authority.	<p>To demonstrate one (1) year of recent maintenance experience on any aircraft.</p> <p>To get exemption from DGTA for Basic Knowledge Requirement (subject to compliance with Level 1 and Level 2 course type training).</p>
SAML Category B - Aircraft Maintenance Technician	B1.3 Helicopter Turbine B2 Avionics Technician	<ol style="list-style-type: none"> 1) Hold a Academic degree or diploma holder in engineering; or 2) Holding Approved Basic Knowledge Course Certification relevant to the category of SAML; or 3) Holding relevant technical training certification considered as a skilled worker; and 4) Holding Basic Examination Standard Certification relevant to the category of SAML; and 5) Sponsored by MSTAR 145 organisation or any approved organisation under MSTAR M, MSTAR 147, or MSTAR 21, at where the applicant is already employed or its intention to employ. 6) Engineering field without attending aviation induction training. 	<ol style="list-style-type: none"> 1) Minimum five (5) years of maintenance experience in aviation industries with the provision of evidence of employment letter or appointment letter. 2) Recent work experience on aircraft type rating within six(6) months prior to the date of application. 	<p>SAML Category B1, Aircraft Maintenance Technician shall permit the holder to act as support staff of aeromechanical technician B1 and sign off for the following:</p> <ol style="list-style-type: none"> (i) Maintenance performed on aircraft structure, power plant and mechanical and electrical systems; and (ii) Work on avionic systems requiring only simple tests to prove their serviceability and not requiring troubleshooting. <p>This privilege shall be restricted to work that the licence holder and limited to the ratings already endorsed in the B1 licence. Category B1 includes the corresponding A subcategory.</p>	three (3) years on aircraft type rating
				<p>SAML Category B2, Aircraft Maintenance Technician shall permit the holder:</p> <ol style="list-style-type: none"> (i) To act as support staff of avionics technician B2 and sign off for the following: <ol style="list-style-type: none"> a. Maintenance performed on avionic and electrical systems; and b. Electrical and avionics tasks within the power plant and mechanical systems, requiring only simple tests to prove their serviceability; and (ii) To act as an aeromechanical mechanic and sign off following minor scheduled line maintenance and simple defect rectification within the limits of tasks specifically endorsed on the certification authorisation referred to in point 145.A.35 of MSTAR 145. This privilege shall be restricted to work that the licence holder and limited to the ratings already endorsed in the B2 licence. The Category B2 licence does not include any A subcategory. 	
SAML Category C - Aircraft Maintenance Supervisor	C1 Aeromechanical C2 Avionic. C3 Armament	<ol style="list-style-type: none"> 1) Hold a Academic degree or diploma holder in engineering; or 2) Holding Approved Basic Knowledge Course Certification relevant to the category of SAML; or 3) Holding relevant technical training certification considered as a skilled worker; and 4) Holding Basic Examination Standard Certification relevant to the category of SAML; and 5) Sponsored by MSTAR 145 organisation or any approved organisation under MSTAR M, MSTAR 147, or MSTAR 21, at where the applicant is already employed or its intention to employ. 6) Engineering field without attending aviation induction training. 	<ol style="list-style-type: none"> 1) Minimum ten (10) years of maintenance experience in aviation industries with the provision of evidence of employment letter or appointment letter. 2) Recent work experience on aircraft type rating within six(6) months prior to the date of application. 	<p>SAML Category C, Aircraft Maintenance Supervisor shall permit the holder:</p> <ol style="list-style-type: none"> (i) To exercising Maintenance Supervisor privileges, consist of: <ol style="list-style-type: none"> a. Maintenance performs supervision, counter-signed and releases the maintenance tasks. This privilege shall be restricted to Category B type ratings that have been endorsed in the SAML. b. Act as maintenance inspector to verify on all required maintenance are carried out accordingly and signing off the maintenance records/logbook/maintenance release. This privilege does not issue a CRS. Therefore, they are not required to hold certification privileges. (ii) Act as certifying staff to issue the aircraft CRS. These certification privileges apply to the aircraft in its entirety. 	three (3) years on aircraft type rating
SAML Category LAE - License Aviation Engineer	LAE combinations of Category B1, B2 and B4 is a certified aviation engineer responsible for state airworthiness program activities consisting of design, production, maintenance, and personnel.	<ol style="list-style-type: none"> 1) Degree holder in engineering; or 2) Holding SAML Category C; or 3) Passed in military aircraft engineer course; or 4) Passed in bridging basic training course for Category LAE; and 5) Subject to be employed as Aviation Engineer or Aircraft Maintenance Engineer; 6) Engineering field without attending aviation induction training. 	<ol style="list-style-type: none"> 1) For the LAE category, subject to working as Aviation Engineers must submit evidence of at least three (3) years of experience in the maintenance/aviation management environment from their employer and complete type training on aircraft type rating for the initial aircraft maintenance license requested. 	<p>SAML Category LAE, Licence Aviation Engineer shall permit the holder to exercise Aviation Engineer privileges consist of:</p> <ol style="list-style-type: none"> (i) To perform aircraft inspections to determine airworthiness requirements. (ii) To conduct engineering maintenance. (iii) To conduct engineering design and modification. (iv) To conduct an airworthiness review. (v) To conduct a maintenance program review. (vi) To conduct an assessment on faults of aircraft. (vii) To act as Certifying Staff to certify on all required maintenance records are signed off before approval for issuing the aircraft CRS. (viii) Participating in aircraft accident investigations and providing the technical report in the technical management of sections under their control. (ix) Permits to exercising Category B and Category C SAML privileges. 	At least 90 days of technical management experience under his authority or aircraft maintenance management.

Appendix 1 Requirements for SAML Application