AIRCRAFT MAINTENANCE ENGINEER LICENCE - CLASSIFICATION CHANGES

Note: Advisory Circulars (ACs) are not mandatory in nature, but provide means such as guidance, methods, procedures and practices acceptable to the Authority for complying with regulations, standards, rules, directives and other requirements in a systematic manner. These are not necessarily the only means of compliance. ACs may also contain explanations of regulations, other guidance material, best practices or information useful to the aviation community. Unless incorporated into a regulation by reference, ACs are not regulatory and do not create or change a regulatory requirement. A change of a regulatory requirement may come in the form of a Directive. An Advisory Circular is not a Directive.

1. PURPOSE

1.1 This Advisory Circular (AC) provides information and guidance concerning an acceptable means of compliance with the civil aviation act and enabling regulations regarding Aircraft Maintenance Engineer (AME) Licence designations and scope.

1.2 In keeping with its programme to make its procedures and systems more user-friendly, while maintaining ICAO compliance, the Guyana Civil Aviation Authority (GCAA) will be revising its Aircraft Maintenance Engineer (AME) Licence designations and scope, effective February 1, 2019.

1.3 The two major changes will be the issuing of a single "Aircraft" type rating in a Licence, instead of separate "Airframe" and "Power Plant" ratings, and an "Avionics" rating instead of a multiplicity of "Electrical, Radio, Auto Pilot, Compass, and Instrument" ratings. The new Licences will remain in conformance with ICAO Annex 1, Chapter 4, Paragraph 4.2.2.2 (a) (1) for Aircraft and 4.2.2.2 (a) (3) for Avionics Systems. The AME Licence examination will be based on the syllabus published in ICAO Document 7192/D1, which is the syllabus that will be generally followed by all AME training institutions in Guyana.

2. AUDIENCE

2.1 Aircraft Maintenance Engineer Training Schools (AMETS) certified to operate in Guyana.

2.2 Holders of Aircraft Maintenance Engineer Licence (AMEL) issued by the GCAA.

2.3 Students of AMETS.

2.4 Holders of foreign AMEL who wishes to validate, convert or attain a Guyana AMEL.

2.5 Any other interested person(s).

3. CANCELLATION

3.1 Not applicable.
4. **EFFECTIVE DATE**

4.1 This Advisory Circular takes effect from February 1, 2019 and until revised or cancelled by the Director General Civil Aviation Authority.

5. **CHANGES TO LICENSING STANDARDS**

5.1 The changes described in this Advisory Circular under paragraph 1.3 will be introduced progressively starting February 1, 2019 with new licences being issued and with old licences being renewed. All current licenses and licence Categories will remain valid until otherwise advised.

6. **Contact Information**

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7. **AMEL CATEGORY**

7.1 The Categories for AME Licences, effective February 1, 2019, are as follows:

7.1.1 **M1**: When endorsed with the applicable Type or Group rating on the verso of the licence, the licence authorises the holder to sign a Certificate of Release to Service (CRS) for unpressurised, piston-engine powered **AEROPLANES**, including the installed power plants, with a maximum certificated take-off mass (MCTOM) of five thousand and seven hundred (5,700) kilograms or less.

7.1.2 **M2**: When endorsed with the applicable Type Rating on the verso of the licence, the licence authorises the holder to sign a Certificate of Release to Service (CRS) for pressurised aeroplanes, turbine powered **AEROPLANES**, and aeroplanes of more than five thousand and seven hundred (5,700) kilograms MCTOM, including the installed power plants.

7.1.3 **R1**: This endorsement on the verso of the licence authorises the holder to sign a Certificate of Release to Service (CRS) for **ALL** piston-engine powered **ROTORCRAFT** where the MCTOM is three thousand, one hundred and seventy-five (3,175) kilograms or less.

7.1.4 **R2**: When endorsed with the applicable Type Rating on the verso of the licence, the licence authorises the holder to sign a Certificate of Release to Service (CRS) for a turbine-engine **ROTORCRAFT**, or a rotorcraft with an MCTOM greater than three thousand, one hundred and seventy-five (3,175) kilograms.

7.1.5 **E1**: This endorsement, on the verso of the licence, authorises the holder to sign a Certificate of Release to Service (CRS) for Avionics Systems (*Electrics, Radio, Instruments, and Auto Pilot, but excluding inertial navigation and flight management systems*), installed on all aircraft of five thousand and seven hundred (5,700) kilograms or less MCTOM.
7.1.6 **E2**: When endorsed with this Rating on the verso of the licence, the licence authorises the holder to sign a Certificate of Release to Service (CRS) for Avionics Systems installed on all aircraft of five thousand and seven hundred (5,700) kilograms or less MCTOM, and on aircraft with an MCTOM of more than five thousand and seven hundred (5,700) kilograms where the holder has satisfactorily completed type training on the aircraft type being certified.

8. **AMEL CATEGORIES – AIRCRAFT APPLICABILITY (EXAMPLES)**

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<th>AVIONICS SYSTEM LICENCE CATEGORY</th>
<th>AIRCRAFT LICENCE CATEGORY</th>
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<tr>
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<td>Shorts Skyvan</td>
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<td>Sky Truck</td>
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<tr>
<td>Bell 212</td>
<td>R</td>
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**KEY:**

"U" means Unpressurised Airframe.

"P" means Pressurised Airframe.

"R" means Rotorcraft

"Piston" means Piston-engine Powered.

"Turbine" means Turbine-engine Powered.

**NOTE 1: M1 and M2 Licences may include Limited Avionics coverage if so endorsed. If an AME completes a type endorsement course on an aircraft and that course includes training on the avionics systems of the aircraft such that the AME can troubleshoot the system, identify the fault, replace the faulty unit, and test the system on the ground without using any special test equipment, then that AME may be allowed to sign the CRS for the replacement and testing of the Avionics unit.**

**NOTE 2: Compass Compensation** is a Rating than can be added to any Licence once the applicant has satisfied the requirements to hold that Rating.

Approved by:

Lt. Col. (Ret'd.) Egbert Field
Director General Civil Aviation Authority
Guyana Civil Aviation Authority