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**GCAA
ADVISORY CIRCULAR**

**PERSONNEL LICENCING
AC NO: GCAA AC/PEL-007 ISS 4**

SUBJECT:	AIRCRAFT MAINTENANCE ENGINEER LICENCE – CLASSIFICATION CHANGES	DATE REVISED:	31-07-2026
		REVISED BY:	Director, Safety and Security

1. PURPOSE

- 1.1 This Advisory Circular (AC) provides information and guidance concerning an acceptable means of compliance with Civil Aviation Regulations with regards to Aircraft Maintenance Engineer's Licence (AMEL) categorization (classification) and scope.
- 1.2 In keeping with its programme to make its AME Licencing policies and procedures easier to understand, while maintaining ICAO compliance and international standards, the Guyana Civil Aviation Authority (GCAA) has revised its Aircraft Maintenance Engineer's Licence categories/designations and scope, effective February 1, 2019 and this was reflected in Advisory Circular #: AC/PEL-007 and later in AC/PEL-007-R2.
- 1.3 This Issue 4 of Advisory Circular No: AC/PEL-007 serves to further explain the "M", "R" and "E" (inclusive of "M1", "M2", "R1", "R2", "E1" and "E2") Licence categories. It also serves to introduce a revised version of the Certificate of Validity which forms part of the AMEL, and which lists the Type Ratings associated with the AMEL. This will facilitate the issue of Airframe and Engine Type Ratings separately thereby accommodating applicants who have difficulty in completing Type Rating requirements for some aircraft in its entirety.

Referenced Regulation/Requirements:

- References: Civil Aviation (Personnel Licensing) Regulations 2024
- Civil Aviation (Personnel Licensing) Requirements 2024 and amendments thereto.
- Civil Aviation (Approved Training Organisations) Requirements 2024 and amendments thereto.

2. AUDIENCE

- 2.1 Aircraft Maintenance Engineer Training Schools (AMETS) authorized or certified to operate in Guyana and Students of AMETS.
- 2.2 Holders of Aircraft Maintenance Engineer's Licence issued by the GCAA or a foreign AMEL Holder who wishes to validate, convert, or obtain a Guyana AMEL.

2.3 Any other interested person(s).

3. CANCELLATION

By issue of this Advisory Circular No. GCAA AC/PEL-007 ISS 4, all previous versions of this Advisory Circular issued before July 31, 2026, are effectively cancelled.

4. EFFECTIVE DATE

4.1 This Advisory Circular No. GCAA AC/PEL-007 ISS 3 takes effect from July 31, 2026, and remain effective until revised or cancelled by the Director General Guyana Civil Aviation.

5. CHANGES TO LICENSING STANDARDS

5.1 The changes described in this Advisory Circular were introduced progressively commencing on May 10, 2019, under Advisory Circular No. GCAA AC/PEL-007. All older versions of AMELs are no longer valid and must be converted to the newer version currently in force.

6. AMEL CATEGORIES

6.1 The following paragraphs explain the categories (classification) of the AMELs which came into effect on May 10, 2019, and include the changes effected by this issue, dated July 31, 2026.

6.2 LICENCE WITHOUT TYPE RATING (LWTR)

6.2.1 Applicants for the grant or extension of a LWTR must have passed all necessary written examinations prescribed by the GCAA which include a computerized multi-choice examination followed by an oral examination.

6.2.2 An application for the grant or extension of a LWTR should be made on Form No: GCAA/PEL/2302 (see Appendix 1). Applicants must use forms of the current version. These are available from the GCAA, Personnel Licensing Department, Lot 1 Middleton and Craig Streets, Campbellville, Georgetown, Guyana.

6.2.3 and on the GCAA's website (https://www.gcaa-gy.org/pdf/AMEL_Application_April_30_2025).

6.2.4 Licences Without Type Rating do not have certification privileges but form the basis under which a Type Rating is issued under the appropriate category. In other words, the GCAA will not grant a Type Rating if the

applicant does not have the appropriate LWTR Category (for example: a Piston Engine Type Rating will not be granted unless the applicant already possesses an M1 with Piston Engine, etc.). The LWTR is issued under the following categories:

- a. **M1 Category** includes all unpressurised aeroplanes powered by piston engine where the Maximum Certified Take-Off Mass (MCTOM) is 5,700kg or less.
- b. **M2 Category** includes all pressurised aeroplanes powered by turbine engines or where the MCTOM is greater than 5,700kg.

NOTE: An M2 category may also be issued for unpressurised aeroplanes powered by turbine engine, however, the licence will be issued with a LIMITATION for unpressurised aeroplanes only.

- c. **M Category** includes all aeroplanes and their installed powerplants (engines). This is a combination of the "M1" and "M2" categories. Thus, when a person meets the requirements to hold both the "M1" and "M2" Categories, the Holder's AMEL will be issued or revised to include the "M" category only.
- d. **R1 Category** includes all rotorcraft powered by piston engine where the MCTOM is 3,175kg or less.
- e. **R2 Category** includes all rotorcraft powered by turbine engine or a rotorcraft with an MCTOM greater than 3,175 kg.
- f. **R Category** includes all rotorcraft and their installed powerplants (engines). This is a combination of the "R1" and "R2" categories. Thus, when a person meets the requirements to hold both the "R1" and "R2" categories, the Holder's AMEL will be issued or revised to include the "R" category only.
- g. **E1 Category** includes avionics systems (electrics, radio, instruments, and autopilot but excluding inertial navigation and flight management systems) installed on all aeroplanes with an MCTOM 5,700 kg or less and rotorcraft of MCTOM 3175 kg or less.
- h. **E2 Category** includes avionics systems installed on all aeroplanes with an MCTOM greater than 5,700 kg and rotorcraft of MCTOM greater than 3175 kg.
- i. **E Category** includes all avionics systems. This is a combination of the "E1" and "E2" categories. Thus, when a person meets the requirements to hold both the "E1" and "E2" categories, the Holder's AMEL will be issued or revised to include the "E" category only.

6.3 TYPE RATING (TR)

- 6.3.1 Type Ratings are designated singly or as a group and they relate to the various Licence Categories under paragraph 6.2.3 above.

- 6.3.2 An application for a Type Rating in respect of the type of airframe, engine, or avionic system will be considered provided that:
- a. The appropriate LWTR is held; and
 - b. The airframe, engine or system associated with an aircraft type that is registered in Guyana and a Guyana Certificate of Airworthiness is in force or has been applied for.
- 6.3.3 An applicant for a type rating for an airframe, engine or avionic system must satisfy one or a combination of the following:
- a. Pass an oral examination appropriate to the Type.
 - b. Successful completion of an Approved Type Training Course.
 - c. Satisfactory assessment of relevant experience.

Note: Notwithstanding the above an oral examination is required for issue of the initial Type Rating.

- 6.3.4 Where a Type Training Course is required for issue of a Type Rating, the GCAA will accept a Type Training Course approved in accordance with GCAA Advisory Circular : AC/PEL-008 ISS 2, as current.
- 6.3.5 Applicants for a Type Rating will submit a completed Form No: GCAA/PEL/2302 and include Record of Experience appropriate to the Type Rating applied for (see Appendix 1).
- 6.3.6 The certification required on Form No. GCAA/PEL/2302 must be made by an AME, acceptable to the GCAA, who shall normally have had regular professional contact with the applicant and who has held a Guyana AMEL, in the discipline for which application is made for a minimum period of 24 months. The Licence must be valid. The signatory may be an experienced person other than an appropriately licensed AME with the prior agreement of the GCAA Personnel Licensing Department, for example, Chief Engineer, Quality Manager, or Engineering Supervisor.
- 6.3.7 Where the applicant has undergone an Approved Type Training, the applicant must submit a copy of the appropriate Course Certificate along with **Form No: GCAA/PEL/2302.**

NOTE: A Type Training Course is required to be completed satisfactorily at the ATA 104 Level III for all applicants applying for a Type Rating of a Pressurised Aeroplane or Turbine Engine.

6.4 EXPERIENCE REQUIREMENTS – TYPE RATINGS

- 6.4.1 Extension of a Licence to include a Type Rating does not normally require a period of general experience additional to that required for the relevant LWTR, which must be held before a Type Rating is granted. However, a satisfactory Record of Experience appropriate to the Type applied for must be submitted as part of the application for a Type Rating. The experience shown on it must have been gained within the three (3) years before the application is made.

- 6.4.2 An application for a Type Rating from a holder of a LWTR which was gained following successful completion of an Approved Ab-initio Course must show confirmed evidence that he or she has obtained at least 12 months relevant aircraft engineering experience with an organization (AMO or Air Operator (AOC) Equivalent Maintenance System (EMS) approved by the GCAA) engaged upon the maintenance of operational aircraft in addition to that gained during the Course.
- 6.4.3 An application for a Type Rating where the holder has no experience as required in paragraph 6.4.2, or the aircraft is a first-of-type within Guyana and of which a Type Rating Training is required, the applicant must have successfully passed an approved Type Training Course specific to the aircraft, engine or systems and also gained at least six (6) months experience on the Type. The experience shall include all the areas required to be submitted as work experience on Form No: **GCAA/PEL/2302**.
- 6.4.4 Type Ratings confer on the holder of a Licence privileges and certification responsibilities in respect of certain aircraft registered in Guyana. The certification responsibilities include the issuing of Certificates of Release to Service, Certificates of Maintenance Review, Certificates of Fitness for Flight and Duplicate Inspections. A Licence holder may not certify for work under a Type Rating or Group Type Rating unless he or she is familiar with the latest manufacturer's maintenance information and current airworthiness data. The licence holder may not certify beyond the privileges permitted by the Regulations in respect of the Type Ratings held.
- 6.4.5 The following further explain the privileges a Type rating:
- a. The Holder of an **M1 Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorizes the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for unpressurised, piston-engine powered **AEROPLANES**, with a MCTOM of 5,700 kg or less.
 - b. The Holder of an **M2 Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorizes the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for pressurized aeroplanes, turbine powered **AEROPLANES**, and aeroplanes with a MCTOM greater than 5,700 kgs. ***For a Type Rating the holder must have satisfactorily completed type training approved by the GCAA on the aircraft type being certified before being indorsed with the Type Rating on the associated Certificate of Validity.***
 - c. The Holder of an **M Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorizes the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for all aeroplanes and engines inclusive under the **M1**

and **M2 Licence Categories** and in accordance with any **LIMITATIONS** under which the AMEL was issued.

- d. The Holder of an **R1 Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorises the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for all piston-engine powered **ROTORCRAFT** with a MCTOM of 3,175 kg or less. ***For a Type Rating the holder must have satisfactorily completed type training approved by the GCAA on the aircraft type being certified before being endorsed with the Type Rating on the associated Certificate of Validity.***
- e. The Holder of an **R2 Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorises the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for a turbine-engine **ROTORCRAFT**, or a rotorcraft with an MCTOM greater than 3,175 kg. ***For a Type Rating the holder must have satisfactorily completed type training approved by the GCAA on the aircraft type being certified before being endorsed with the Type Rating on the associated Certificate of Validity.***
- f. The Holder of an **R Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorises the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for all rotorcraft and engines inclusive under the **R1** and **R2 Licence Categories** and in accordance with any **LIMITATIONS** under which the AMEL was issued.
- g. The Holder of an **E1 Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorises the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for Avionics Systems (*Electrics, Radio, Instruments, and Auto Pilot, but excluding inertial navigation and flight management systems*), installed on all aircraft with an MCTOM of 5,700 kg or less.
- h. The Holder of an **E2 Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorises the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for Avionics Systems installed on all aircraft with a MCTOM greater than 5,700 kg. ***For a Type Rating the holder must have satisfactorily completed type training approved by the GCAA on the aircraft type being certified before being endorsed with the Type Rating on the associated Certificate of Validity.***
- i. The Holder of an **E Licence Category** when endorsed with the applicable Type or Group Rating on the associated Certificate of Validity, the Licence authorises the holder to issue a CRS or other certifications stated in paragraph 6.4.4 above for all Avionics Systems, inclusive under the **E1** and **E2 Licence Categories** and in accordance with any **LIMITATIONS** under which

the AMEL was issued.

7. REQUIREMENTS FOR A RATING

- 7.1 An applicant for a type rating on an "**M2**" or "**R2**" category must provide proof that he or she has satisfactorily completed an approved "**ATA 104 Level III**" standard type endorsement course on the applicable aircraft.
- 7.2 A group rating may be issued for a group of similar or related aircraft (or power plants) such as "**All Single piston-engine powered aeroplanes of 2730 kg or less MCTOM**", or "**All piston-engine powered aeroplanes of 5700 kg or less MCTOM**", depending on the experience level of the applicant and at the discretion of the Authority.
- 7.3 A "**Direct Reading Compass**" rating may be endorsed on any "**M**" licence or "**E**" licence, where the holder has met the applicable training and experience requirements.

8. RESTRICTIONS/LIMITATIONS

- 8.1 A person may be issued a licence with a restriction or limitation where the person has only partially completed the requirement for the applicable category.

9. AMEL CATEGORIES – AIRCRAFT APPLICABILITY (EXAMPLES)

AIRCRAFT MODEL	AIRFRAME	POWER PLANT	AVIONICS SYSTEM LICENCE CATEGORY	AIRCRAFT LICENCE CATEGORY
Cessna C150	U	Piston	E1	M1
Cessna C172	U	Piston	E1	M1
Cessna C182	U	Piston	E1	M1
Cessna C206	U	Piston	E1	M1
Cessna C208 Caravan	U	Turbine	E1	M2
BN2 Islander/Trislander	U	Piston	E1	M1
Shorts Skyvan	U	Turbine	E1	M2
Sky Truck	U	Turbine	E2	M2
DHC-6	U	Turbine	E1	M2
Beechcraft 1900	P	Turbine	E2	M2
Thrush S2R-T34	U	Turbine	E1	M2
Piper Arrow	U	Piston	E1	M1
Piper Twin Comanche	U	Piston	E1	M1
Piper Cherokee 6	U	Piston	E1	M1
Bell 206	R	Turbine	E1	R2
Augusta AW 139	R	Turbine	E1	R2
Bell 412	R	Turbine	E1	R2
Beechcraft 350	P	Turbine	E2	M2
R66	U	Turbine	E1	R2
B 505	U	Turbine	E1	M2
P 212	U	Piston	E1	M1
D-228 (Hindustan)	U	Turbine	E1	M2
B 407	U	Turbine	E1	M2

10.3 NATURAL SCIENCE AND GENERAL PRINCIPLES OF AIRCRAFT

SER. C	SUBJECT	HOURS	LEVEL
1.	Mathematics	75	1
2.	Physics	70	1
3.	Technical Drawing	70	1
4.	Chemistry	30	1
5.	Theory of Flight & Flight Controls (Basic-Fixed Wing)	100	2
6.	Theory of Flight & Flight Controls (Basic-Rotorcraft)	100	2

10.4 AIRFRAME ENGINEERING AND MAINTENANCE

SER. D	SUBJECT	HOURS	LEVEL
1.	Aircraft Maintenance Practices, tools, and Materials - General	200	3
2.	Airframe structures and systems - General	250	3
3.	Pressurized airframes and pressurisation systems	100	3
4.	Airframe structures and systems - Rotorcraft	150	3
5.	Rotors and transmission systems - Rotorcraft	100	3
6.	Direct Reading Compass Compensation	8	3

10.5 POWER PLANT ENGINEERING AND MAINTENANCE

SER. E	SUBJECT	HOURS	LEVEL
1.	Piston Engines	250	3
2.	Piston engine fuel systems	50	3
3.	Propellers	100	3
4.	Gas turbine engines (<i>Incl. Turbo Props and Auxiliary Power Units</i>)	300	3
5.	Gas turbine engine fuel systems	50	3

10.6 AVIONICS SYSTEMS – ELECTRICAL AND INSTRUMENT

SER. F	SUBJECT	HOURS	LEVEL
1.	Maintenance practices and materials	200	3
2.	Electrical and electronic fundamentals	450	3
3.	Digital techniques, computers, and associated devices	200	3
4.	Aircraft electrical systems	250	3
5.	Aircraft instrument systems	250	3
6.	Compasses and compass compensation	40	3

10.7 AVIONICS SYSTEMS – RADIO COMMUNICATION AND NAVIGATION

SER. G	SUBJECT	HOURS	LEVEL
1.	Maintenance practices and materials*	200	3
2.	Electrical and electronic fundamentals*	200	3
3.	Aircraft radio communication & radio navigation systems	450	3
<i>*Not required if already completed under 11.6</i>			

10.8 AVIONICS SYSTEMS – AUTO FLIGHT & INERTIAL NAVIGATION

SER. H	SUBJECT	HOURS	LEVEL
1.	Maintenance practices and materials*	200	3
2.	Electrical and electronic fundamentals*	200	3
3.	Automatic Flight Control systems (Fixed Wing)	200	3
4.	Automatic Flight Control systems (Rotary Wing)	75	3
5.	Aircraft inertial navigation systems	60	3
<i>*Not required if already completed under 11.6</i>			

11. CATEGORY TRAINING REQUIREMENT BREAKDOWN FOR AME LICENCE APPLICANTS

11.1 GENERAL BREAKDOWN

LICENCE CATEGORY	REQUIRED TRAINING COURSE (SEE COURSE HEADINGS)
M1 – Piston Engine powered, unpressurised aeroplanes of 5700kg or less MCTOM.	A, B, C, D1, D2, D6, E1, E2, E3.
M2 – Aeroplanes, Turbine Engine powered, pressurized, or over 5700Kg MCTOM.	A, B, C, D1, D2, D3, D6, E5.
R1 – Rotorcraft, Piston Engine powered, and 3175 kg or less MCTOM.	A, B, C, D1, D4, D5, D6, E1, E2.
R2 – Rotorcraft, Turbine Engine powered, or over 3175 kg MCTOM.	A, B, C, D1, D4, D5, D6, E1, E2, E4, E5.
E1 – Avionics systems on all aircraft of 5700kg (3175 kg for Rotorcraft) or less MCTOM.	A, B, C, D1, D2, F, G.
E2 – Avionics systems on aircraft of more than 5700kg (3175 kg for Rotorcraft).	A, B, C, D1, D2, F, G, H.

11.2 EXPERIENCE REQUIREMENTS FOR THE AIRCRAFT MAINTENANCE ENGINEER LICENCE APPLICANTS

EXPERIENCE WORKING IN AIRCRAFT MAINTENANCE	
CATEGORY	TOTAL TIME (MONTHS)
"M1" Aeroplanes - Airframe and installed Power Plant - <i>(Piston engine, unpressurised, and 5700 kg or less MCTOM.)</i>	Forty-eight (48) months minimum, including: - Fixed Wing aircraft – Twelve (12) months. - Piston Engines – Twelve (12) Months. - For a Type Rating – Six (6) months on the requested aircraft type or as determined by the DGCA.
"M2" Aeroplanes – Airframe and installed Power Plant - <i>(Turbine engine, pressurized, or MCTOM of more than 5700 kg.)</i>	Forty-eight (48) months minimum, including: - Fixed Wing aircraft – Twelve (12) months. - Piston Engines – Twelve (12) Months. - Turbine Engines – Twelve (12) months. - For a Type Rating – Six (6) months on the requested aircraft type or as determined by the DGCA.
"R1" Rotorcraft – Airframe and installed Power Plant - <i>(Piston engine and 3175 kg or less MCTOM.)</i>	Forty-eight (48) months minimum, including: - Rotary-wing aircraft – Twelve (12) months. - Piston Engines – Twelve (12) Months. - For a Type Rating – Six (6) months on the requested aircraft type or as determined by the DGCA.
"R2" Rotorcraft – Airframe & installed Power Plant - <i>(Turbine engine or MCTOM greater than 3175 kg.)</i>	Forty-eight (48) months minimum, including: - Rotary-wing aircraft – Twelve (12) months. - Turbine Engines – Twelve (12) Months. - For a Type Rating – Six (6) months on the requested aircraft type or as determined by the DGCA.

EXPERIENCE WORKING IN AIRCRAFT MAINTENANCE	
CATEGORY	TOTAL TIME (MONTHS)
"E1" Avionics Systems – All aircraft with an MCTOM of 5700 kg (3175 kg for Rotorcraft) or less:	Forty-eight (48) months minimum, including: - Aircraft electrical systems. - Aircraft Radio Communication systems. - Aircraft Radio Navigation systems. - Aircraft Instruments (Including Compasses). - For a Type Rating – Six (6) months on the requested aircraft type or as determined by the DGCA.
"E2" Avionics Systems – On an aircraft with an MCTOM of more than 5700 kg (3175 kg for Rotorcraft).	Forty-eight (48) months minimum, including: - All "E1" items. - Auto Flight, Flight Management, and Inertial Navigation Systems. - For a Type Rating – Six (6) months on the requested aircraft type or as determined by the DGCA. *
* When trained to ATA 104 Level III on the aircraft type.	
NOTE 1 - The experience time indicated for each subject area is based on ICAO Annex 1, Chapter 4, Subsection 4.2.1.3(a).	
NOTE 2 - The experience time (working on aircraft in service) may be reduced to twenty-four (24) months if an applicant has successfully completed an approved aircraft maintenance engineer training programme conforming to the applicable Regulations.	
NOTE 3 - The Airframe and Engine experience time may be credited concurrently.	

11.3 SKILLS TRAINING EXPERIENCE REQUIREMENTS FOR THE AIRCRAFT MAINTENANCE ENGINEER LICENCE APPLICANTS

LICENCE CATEGORY	MAINTENANCE SKILLS TRAINING		
M1 & M2	AIRFRAME	HOURS	LEVEL
	a) Basic workshop and maintenance practices	725	3
	b) Repair, maintenance and function testing of airframe systems and components	1000	3
	c) Job/Task documentation and control practices**	100	3
	d) Direct Reading Compass Compensation	8	3
M1 & M2	ENGINE & PROPELLER	HOURS	LEVEL
	a) Basic workshop and maintenance practices	450	3
	b) Repair, maintenance and function testing of engine systems and components	450	3
	c) Job/Task documentation and control practices**	100	3
E1 & E2	AVIONICS	HOURS	LEVEL
	a) Basic workshop & maintenance practices - Electrical	775	3
	b) Basic workshop & maintenance practices - Instrument	1000	3
	c) Basic workshop & maintenance practices – Radio	875	3
	d) Basic workshop & maintenance practices – Auto Flight	225	3
	e) Repair, maintenance and function testing of avionics systems and components.	100	3
	f) Job/Task documentation and Control Practices**	100	3

Note - **Job/Task documentation needs to be taught only once.

Approved by:


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 Director General
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