

File No. 11-690/94-AI(2)

EFFECTIVE: FORTHWITH

Subject : Grant of open AME Licences.

1. APPLICABILITY :

This part of Series 'L' Civil Airworthiness Requirements specifies the procedure for grant of 'omnibus' endorsement in respect of AME Licence in Categories 'A' & 'B' to cover single engined aeroplanes with an all-up-weight not exceeding 3000 Kg., in Categories 'C' & 'D' to cover normally aspirated air-cooled piston engines not exceeding 300 BHP and AME Licences in Categories 'R' & 'X' to cover radio equipment installed on aircraft with an A UW not exceeding 5700 Kg.

2. PROCEDURE :

AMEs holding current licences will be eligible for grant of these endorsement provided they satisfy the conditions given against each.

2.1 AME Licence in Category 'A'/'B'.

- (a) All single engined aeroplanes of "all metal" construction only with an A UW not exceeding 3000 Kg.

The applicant for the above endorsement should :

- (i) have held an AME Licence in Category 'A'/'B' as applicable for a continuous period of five years, and
- (ii) have atleast three types of aeroplanes of 'all metal' construction of which at least two should be single engined aeroplanes with all-up-weight not exceeding 3000 kg. endorsed on his licence in Category 'A'/'B' as applicable.

- (b) All single engined aeroplanes of composite construction with an all up weight not exceeding 3000 kgs.

The applicant for the above endorsement should :

- (i) have held an AME Licence in Category 'A'/'B' as applicable for a continuous period of five years, and
- (ii) have atleast three types of aeroplanes of composite construction of which at least two should be single engined aircraft with all-up-weight not exceeding 3000 kgs. endorsed on his

licence in Category 'A'/'B' as applicable.

2.2 AME Licence in Category 'C'/'D'.

- (a) All normally aspirated air-cooled piston engines not exceeding 300 BHP.

The applicant for the above endorsement should :

- (i) have held an AME Licence in Category 'C'/'D' as applicable for a continuous period of five years, and
- (ii) have atleast three types of air-cooled piston engines which should include atleast two engines not above 300 BHP, endorsed on his licence in Category 'C'/'D' (as applicable).

Note :- The above endorsement in Category 'C' will be restricted to fixed pitch propellers if the applicant has not got endorsement in Category 'C' on his licence even for one type of engine, fitted with V.P. Propellers.

2.3 AME Licence in Category 'R'.

- (a) All aircraft below 5700 Kg. AUW which are installed with VHF Communication Equipment only.

The applicant for the above endorsement should have :

- (i) held an AME licence in Category 'R' for a continuous period of three years, and
- (ii) atleast three aircraft fitted with three different types of VHF Communication Equipment (out of which atleast one should be installed on aircraft below 5700 Kg. AUW) on his licence in Category 'R'.

- (b) All aircraft below 5700 Kg. AUW which are installed with Communication and ADF equipment only.

The applicant for the above endorsement should :

- (i) hold an open rating in Category 'R' as in para 2.3 (a) above.
- (ii) have atleast one aircraft fitted with HF equipment on his licence in Category 'R'.
- (iii) have atleast three aircraft fitted with three different types of ADF equipment (out of which atleast one should be installed on aircraft below 5700 Kgs. AUW) on his licence in Category 'R'.

- (c) All aircraft below 5700 kg. AUW which are installed

with Communication and Navigation (ADF, VOR, & ILS) equipment only.

The applicant for the above endorsement should :

- (i) hold an open rating in Category 'R' as in para 2.3 (b) above.
 - (ii) have atleast three aircraft fitted with three different types of VHF Navigation equipment (VOR & ILS) (out of which atleast one should be installed on aircraft below 5700 Kgs. AUW) on his licence in Category 'R'.
- (d) All aircraft below 5700 Kg. AUW which are installed with Communication and Navigation (ADF, VOR & ILS) and Weather Radar (excluding colour Radar) equipment only.

The applicant for the above endorsement should :

- (i) hold an open rating in Category 'R' as in para 2.3 (c) above.
 - (ii) have at least three aircraft fitted with three different types of Weather Radar Systems (out of which at least one should be installed on aircraft below 5700 kg. AUW) on his licence in Category 'R'.
- (e) All aircraft below 5700 kg. AUW which are installed with Communication and Navigation (ADF, VOR, ILS), DME equipment and Weather Radar (excluding colour radar) only.

The applicant for the above endorsement should :

- (i) hold an open rating in Category 'R' as in para 2.3 (d) above.
 - (ii) have atleast three aircraft fitted with three different types of DME (out of which at least one should be installed on aircraft below 5700 kg. AUW) on his licence in Category 'R'.
- (f) All aircraft below 5700 kg. AUW which are installed with Communication and Navigation (ADF, VOR & ILS), DME equipment and Weather Radar (including colour radar) only.

The applicant for the above endorsement should :

- (i) hold an open rating in Category 'R' as in para 2.3 (e) above.
- (ii) have atleast three aircraft fitted with three different types of Colour Weather Radar (out of

which at least one should be installed on aircraft below 5700 kg. AUW) on his licence in Category 'R'.

2.4 AME Licence in Category 'X' (Radio Equipment)

- (a) All aircraft below 5700 Kg. AUW which are installed with VHF Communication equipment only.

The applicant for the above endorsement should :

- (i) have held an AME Licence in Category 'X' covering Radio Equipment for continuous period of five years, and
- (ii) have at least three aircraft fitted with three different types of VHF Communication equipment (out of which at least one should be transistorised/ I.C. Type on his licence in Category 'X').

- (b) All aircraft below 5700 Kg. AUW which are installed with Communication and ADF equipment only.

The applicant for the above endorsement should :

- (i) hold an open rating in Category 'X' as in para 2.4 (a) above.
- (ii) have at least one aircraft fitted with HF equipment on his licence in Category 'X' (Radio equipment).
- (iii) have at least three aircraft fitted with three different types of ADF equipment on his licence in Category 'X' (Radio equipment).

- (c) All aircraft below 5700 kg. AUW which are installed with Communication and Navigation (ADF, VOR, & ILS) equipment only.

The applicant for the above endorsement should :

- (i) hold an open rating in Category 'X' as in para 2.4 (b) above.
- (ii) have at least three aircraft fitted with three different types of VHF Navigation equipment (VOR & ILS) (out of which at least one should be installed on aircraft below 5700 Kgs. AUW) on his licence in Category 'X').

- (d) All aircraft below 5700 kg. AUW which are installed with Communication and Navigation (ADF, VOR, & ILS) equipment and DME equipment only.

The applicant for the above endorsement should :

- (i) hold an open rating in Category 'X' as in para 2.4 (c) above.
 - (ii) have atleast three aircraft fitted with three different types of DME Equipment (out of which atleast one should be installed on aircraft below 5700 Kgs. AUW) on his licence in Category 'X').
3. The phrase-types of aeroplanes, engines and Radio equipment used above shall be interpreted to mean individual types and not variants of a particular type.
4. The question whether an aeroplane is of 'Composite' or 'All metal' construction will be settled on the basis of the following definitions :
- (i) If the primary structure of an aeroplane and its skin covering (excluding the covering of the Flight Controls) is entirely of metal, it may be termed as 'all metal' construction.
 - (ii) If the primary structure of an aeroplane and its skin covering (excluding the covering of Flight Control surface) is of two or more different materials, it may be termed as 'Composite' construction.
5. No person holding 'open' rating endorsement on his AME licence shall exercise the privileges of the rating on any aircraft unless he has familiarised himself with the construction, maintenance including overhaul (where necessary) on the type of aircraft/ engine/ radio equipment for a minimum period of three months before exercising such privileges.
6. In case where a person is unable to meet the requirement of the para 5, he can exercise the privileges only after satisfying the following conditions:
- (i) he should work for a minimum period of three months under the supervision of an appropriately licensed AME, or
 - (ii) he should undergo an oral check with the Regional Airworthiness Office to demonstrate his knowledge and familiarity with the construction, maintenance including overhaul (where necessary) on the type of aircraft/ engine/ radio equipment

Sd/-
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