

# Advisory Circular

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## ENDORSEMENT OF AIRCRAFT TYPES IN FLIGHT CREW LICENCES

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1. **GENERAL.** Pursuant to paragraph 88B of the Air Navigation Order, the Director-General of Civil Aviation (DGCA) may, from time to time, issue advisory circulars (ACs) on any aspect of safety in civil aviation. This AC contains information about standards, practices and procedures acceptable to CAAS. The revision number of the AC is indicated in parenthesis in the suffix of the AC number.
2. **PURPOSE.** This AC provides the list of aircraft types that may be endorsed in a Singapore flight crew licence.
3. **APPLICABILITY.** This AC is applicable to all flight crew seeking an endorsement of an aircraft type in a Singapore flight crew licence.
4. **CANCELLATION.** This AC supersedes AC FCL-4(3) dated 3 October 2012.
5. **EFFECTIVE DATE.** This AC is effective on 1 August 2018.
6. **REFERENCES.** Singapore Air Safety Publication Part 1 (SASP 1) Chapter 2 and Singapore Air Safety Publication Part 2 (SASP 2) Chapter 6.
7. **INTRODUCTION.**

The privileges of a Singapore flight crew licence may only be exercised for the group of aircraft or in an aircraft type as specified in the aircraft rating of the licence, in conjunction with a valid Certificate of Test or a valid Certificate of Experience (for flight crew licences only). The aircraft ratings and the conditions under which such ratings may be endorsed in a Singapore licence are specified in this AC.

**8. AIRCRAFT TYPES ENDORSED IN THE SINGAPORE FLIGHT CREW LICENCE.**

8.1 Subject to paragraph 9, the following aircraft types may be endorsed in a Singapore Flight Crew Licence:

**Aeroplanes with single piston engine**

Licence Endorsement
Cessna 172
Diamond DA40
Socata TB9

**Aeroplanes with multiple piston engines**

Licence Endorsement
Piper PA44
Diamond DA42

**Aeroplanes with multiple turbine engines (maximum total mass authorised ≤5,700 kg)**

[Nil]

**Aeroplanes with multiple turbine engines (maximum total mass authorised >5,700 kg)**

Licence Endorsement	Includes
Airbus A320	A319 - 100 series A320 - 200 series - neo
Airbus A330	A330 - 300 series
Airbus A350	A350 - 900 series
Airbus A380	A380 - 800 series
Boeing B737-800	B737 NG (- 800) MAX (- 8)
Boeing B747-400	B747 - 400 series
Boeing B777	B777 - 200 series - 300 series
Boeing B787	B787 - 8 series - 9 series - 10 series

**Helicopters with single piston engine**

[Nil]

### Helicopters with single turbine engine

Licence Endorsement	Includes
AS350/EC130	AS350 B3 - Ecureuil AS350 B3 Arriel 2B1- Ecureuil AS350 B3e - Ecureuil EC130 B4 - Ecureuil EC130 T2 - Ecureuil
EC120B	EC120B - Colibri

### Multi-engine Helicopters

Licence Endorsement	Includes
EC145/BK117	BK117 D-2

- 8.2 A licence endorsement will be valid for the variants or similar types indicated in the tables above, i.e. no separate licence endorsement is required for the included variants. However, the pilot needs to complete a CAAS-approved differences course with the employer to fly another variant or similar type within the same licence endorsement.
- 8.3 Flight crew members who already have aircraft types that are not specified in paragraph 8.1 endorsed in their licence may continue to exercise their privileges of those aircraft ratings provided the Certificate of Test or Certificate of Experience is valid.
- 8.4 The following group ratings may be endorsed in a Singapore Private Pilot Licence:
- All Single-engined aeroplanes (landplanes) under 5700 kg MTMA (Group "A").
  - All Multi-engined aeroplanes (landplanes) under 5700 kg MTMA (Group "B").

## 9 ENDORSEMENT OF AIRCRAFT TYPES NOT ON THE SINGAPORE REGISTER.

- 9.1 CAAS normally endorses only aircraft types that are on the Singapore register in a Singapore flight crew licence. However, CAAS may also permit the endorsement of aircraft types in a Singapore licence in respect of aircraft types which are not on the Singapore register, but are accepted for flight training and tests in a CAAS approved Aviation Training Organisation (ATO) located overseas.
- 9.2 An applicant seeking such an aircraft type rating endorsement must enroll in the CAAS-approved overseas located ATO and complete the required training. The applicant is also required to pass the relevant CAAS ground examinations and flight tests to qualify for the aircraft type endorsement sought.