

# Advisory Circular

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## AIRCRAFT TYPES IN SAR-145 APPROVED MAINTENANCE ORGANISATION SCOPE OF WORK

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### GENERAL

Advisory Circulars (ACs) are issued by the Director-General of Civil Aviation (DGCA) from time to time to provide practical guidance or certainty in respect of the statutory requirements for aviation safety. ACs contain information about standards, practices and procedures acceptable to CAAS. An AC may be used, in accordance with section 11 of the Air Navigation Act 1966 (ANA), to demonstrate compliance with a statutory requirement. The revision number of the AC is indicated in parenthesis in the suffix of the AC number.

### PURPOSE

This AC identifies the aircraft types that may be included in the maintenance organisation exposition (MOE) of a SAR-145 approved maintenance organisation (AMO) as part of its scope of work pursuant to SAR-145.20.

### APPLICABILITY

This AC applies to every applicant for, or holder of, a SAR-145 Category 'A' rating approval.

### CANCELLATION

This AC supersedes AC 145-19 (Rev 0). This revision updates the list of aircraft types that may be approved by CAAS for inclusion into SAR-145 Maintenance Organisation Exposition.

### EFFECTIVE DATE

This AC is effective from 1 February 2025.

### REFERENCES

Singapore Airworthiness Requirements Part 145 (SAR-145)

## **1 LIST OF AIRCRAFT TYPES THAT MAY BE APPROVED FOR SAR-145 AMO SCOPE OF WORK**

- 1.1 Pursuant to SAR-145.20 on *Extent of Approval*, the scope of work covered under a SAR-145 approval must be specified in the SAR-145 AMO's MOE. For SAR-145 AMOs holding Category 'A' rating approvals, the MOE includes the list of aircraft types that the AMO is approved to maintain and issue certificates of release to service upon completion of work in accordance with the requirements of SAR-145.
- 1.2 **Appendix 1** identifies the list of aircraft types that CAAS may approve for inclusion in a SAR-145 AMO's MOE for the purpose of paragraph 1.1.

## **2 APPLICATION FOR INCLUSION OF AIRCRAFT TYPE**

- 2.1 Applications to include an aircraft type in the SAR-145 AMO's scope of work must be submitted via the Enterprise Safety Oversight Management System<sup>1</sup>. The following documents must be submitted in support of the application:
- (a) Documentation that substantiates the need to maintain the applicable aircraft type; and
  - (b) A self-assessment that demonstrates all necessary facilities, equipment, tooling, material, maintenance data and certifying staff are available to maintain the applicable aircraft type.
- 2.2 The applicant must provide any other information, documentation or facilitate any inspection as required by CAAS for its evaluation of the application.

## **3 RENEWAL REQUIREMENTS FOR MAINTAINING AN AIRCRAFT TYPE**

- 3.1 When renewing its AMO approval, the AMO must demonstrate the following if seeking to retain an aircraft type in its scope of work:
- (a) that there was maintenance certification performed on the applicable aircraft type in the last 2 years; and
  - (b) the capability to perform maintenance on the aircraft type in accordance with SAR-145 requirements, including having the necessary facilities, sufficient qualified maintenance personnel, tooling and equipment, and approved maintenance data.

## **4 CONTINUING REQUIREMENTS TO MAINTAIN AN AIRCRAFT TYPE**

- 4.1 A SAR-145 AMO must comply with the SAR-145 requirements for maintaining and issuing certificates of release to service for an aircraft type, including maintaining the required facilities, sufficient qualified maintenance personnel, tooling and equipment, and approved maintenance data.
- 4.2 Pursuant to SAR-145.85(a)(6), the SAR-145 AMO must inform CAAS in writing at the earliest opportunity but not later than 3 weeks, if it is unable to satisfy the continuing requirements to maintain an aircraft type as mentioned in paragraph 4.1.

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<sup>1</sup> Refer to <https://esoms.caas.gov.sg>.

**APPENDIX 1: LIST OF AIRCRAFT TYPES THAT MAY BE APPROVED BY CAAS FOR INCLUSION INTO MAINTENANCE ORGANISATION EXPOSITION**

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Aircraft manufacturer	Models / variants
Airbus	A319/320/321
	A330
	A340
	A350
	A380
Bell	407
	412
	429
	505
Boeing	B737-300/400/500
	B737-600/700/800/900
	B737-8
	B747-400
	B747-8
	B757
	B767
	B777
	B787
Bombardier	BD-100-1-A10
	BD-700
	CL600-2B16
	CL600-2B19(CL850)
Cessna	172
	525C
	680
Dassault Falcon	7X
Diamond	DA40
Embraer	E135/145
	E190-E2
	EMB-505
Eurocopter	EC120B
Gulfstream	G280
	GIV
	GIV-X
	GV-SP
	GVI
Learjet	45
	60/60XR