



6 September 2021

DIRECTIVE NO. 13 OF 2021 (BOEING 737-8 AND 737-9 – REQUIREMENTS FOR RETURN TO SERVICE)

Pursuant to paragraph 4H(1)(d) of the Air Navigation Act (ANA), the Director-General of Civil Aviation, acting under power delegated to him by the Authority, considers it necessary to issue the Directive No. 13/2021 at the Annex.

2 Directive No. 13/2021 takes effect on 6 September 2021.

Alan Foo
Senior Director (Safety Regulation Group)
Civil Aviation Authority of Singapore

Air Navigation Act

Directive No. 13/2021 (BOEING 737-8 and 737-9 – REQUIREMENTS FOR RETURN TO SERVICE)

Part 1

1. This Directive is the Directive No. 13/2021 and takes effect on 6 September 2021.

Part 2

Applicability

2. Unless otherwise specified, this Directive applies to the holder of an air operator certificate granted under the Air Navigation (119 – Air Operator Certification) Regulations 2018 (called in this Directive an AOC holder) that uses, or intends to use, an aircraft of a Boeing 737-8 or 737-9 aircraft type.

Part 3

Measures

3. Every AOC holder to which this Directive applies must implement the following measures prior to operating any aircraft of a Boeing 737-8 or 737-9 aircraft type:
 - (a) comply with all the requirements specified in the United States Department of Transportation Federal Aviation Administration (FAA) Airworthiness Directive (AD) 2020-24-02;
 - (b) develop a flight crew training programme that includes the ground and flight training elements contained in Appendix 7 of the FAA Flight Standardization Board Report, Revision 17 dated 16 November 2020, with additional simulator training to ensure the pilots are adequately trained to manage human factors (HF) issues related to startle factor and management of high workload during aircraft emergency situations;
 - (c) submit the flight crew training programme to the Director-General of Civil Aviation (called in this Directive the DGCA) for approval;
 - (d) ensure that all flight crew members who operate an aircraft of the Boeing 737-8 or 737-9 aircraft type are trained in accordance with the flight crew training programme as approved by the DGCA; and
 - (e) ensure that the Boeing 737-8 or 737-9 full flight simulator used to deliver the training to flight crew is capable of supporting the training elements contained in the flight crew training programme as approved by the DGCA by:
 - (i) installing binary simulation load revision 3.23.4_3, or higher; and

- (ii) ensuring flight control computer software is updated to at least version P12.1.2 and is active.

Part 4

Compliance

4. An AOC holder to which this Directive applies is required by paragraph 4H(1) of the Air Navigation Act to comply with this Directive.

Issued on 6 September 2021.

HAN KOK JUAN
Director-General of Civil Aviation
Civil Aviation Authority of Singapore