



**Australian Government**  
**Civil Aviation Safety Authority**

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Instrument number CASA EX105/20

I, WARREN CRAIG MARTIN, Executive Manager, Regulatory Services & Surveillance, a delegate of CASA, make this instrument under regulations 11.160 and 11.205 of the *Civil Aviation Safety Regulations 1998*.

**[Signed C. Martin]**

Craig Martin  
Executive Manager, Regulatory Services & Surveillance

29 July 2020

**CASA EX105/20 — Standard Take-off and Landing Minima (Delta Air Lines) Exemption 2020**

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**1 Name**

This instrument is *CASA EX105/20 — Standard Take-off and Landing Minima (Delta Air Lines) Exemption 2020*.

**2 Repeal of instrument CASA EX05/19**

*CASA EX05/19 — Standard take-off and landing minima (Delta Air Lines) exemption 2019* is repealed.

**3 Definitions**

*Note* In this instrument, certain terms and expressions have the same meaning as they have in the *Civil Aviation Act 1988* and the regulations. These include: *aerodrome, air traffic control, FAA, low-visibility approach, low-visibility operation, low-visibility take-off, pilot in command* and *runway visual range*.

In this instrument:

*AH* means alert height.

*ATC* means air traffic control.

*CAT* means category, and refers to the various categories of precision approach operations mentioned in this instrument.

*DH* means decision height.

*LVO* means low-visibility operation.

*LVP* means low-visibility procedures applied by ATC at an aerodrome for protecting aircraft operations during conditions of reduced visibility or low cloud.

*M/M* means the particular make and model of an aircraft.

*RVR* means runway visual range.

*SA CAT II* means special authorisation CAT II.

#### 4 Application

This instrument applies in relation to Delta Air Lines Inc. of Atlanta GA, United States of America (the *exempted operator*), ARN 594069, if:

- (a) the exempted operator conducts a flight to or from an aerodrome in any of the following kinds of aircraft (the *aircraft*): A350-900, B777-32LR; and
- (b) ATC at the aerodrome has informed the pilot in command of the aircraft that LVP are in force.

#### 5 Exemptions

- (1) The exempted operator is exempt from compliance with subregulations 257 (3) and (4) of CAR in relation to the flight.
- (2) The pilot in command of the aircraft is exempt from compliance with subregulations 257 (3) and (4) of CAR in relation to the flight.

#### 6 Conditions

- (1) It is a condition of the exemption in subsection 5 (1) that the exempted operator ensures compliance with the requirements mentioned in subsection (3).
- (2) It is a condition of the exemption in subsection 5 (2) that the pilot in command of the aircraft ensures compliance with the requirements mentioned in subsection (3).
- (3) The requirements are:
  - (a) the aircraft must comply with the meteorological minima for LVO and associated requirements set out in Schedule 1; and
  - (b) the requirements for LVO mentioned in Schedule 2.

#### 7 Repeal of this instrument

This instrument is repealed at the end of 30 June 2023.

### Schedule 1 Operating minima for LVO

#### Low-visibility take-off minimum

- 1 An aircraft of a kind mentioned in column 1 of Table 1 must not conduct a low-visibility take-off from the aerodrome if the reported RVR for the take-off is less than the meteorological minimum mentioned in column 2 of the Table.

**Table 1: Low-visibility take-off minimum**

Aircraft M/M (column 1)	Meteorological minimum (column 2)
A350-900 and B777-232LR	150 m

#### Low-visibility approach minima

- 2 An aircraft of a kind mentioned in column 1 of Table 2, when conducting a low-visibility approach operation mentioned in column 2 of the Table for the purpose of landing the aircraft:
  - (a) has the RVR meteorological minimum mentioned in column 3 of the Table for the low-visibility approach operation; and
  - (b) must apply the DH or AH mentioned in column 4 of the Table for the low-visibility approach operation.

**Table 2: Approach minima and requirements**

<b>Aircraft M/M (column 1)</b>	<b>Low-visibility approach operation (column 2)</b>	<b>RVR minimum (column 3)</b>	<b>DH or AH (column 4)</b>
A350-900	SA CAT II	350 m	DH 100 ft
	CAT II	300 m	DH 100 ft
	CAT III	75 m	AH 100 ft
B777-232LR	SA CAT II	350 m	DH 100 ft
	CAT II	300 m	DH 100 ft
	CAT III	75 m	AH 50 ft

## **Schedule 2 Requirements for LVO**

### **Operating minimum and procedures**

- 1 The requirements for conducting LVO are the most restrictive of the requirements in the following:
  - (a) this instrument;
  - (b) the LVO authorisation issued to the exempted operator by FAA and the terms and conditions for LVO associated with that authorisation.

### **Approach ban**

- 2 For landings, the following approach ban rules apply:
    - (a) when making an approach, the pilot in command of the aircraft must not continue beyond 1 000 ft above aerodrome elevation if a controlling zone RVR is reported by ATC as continually less than the specified minimum for the landing;
    - (b) if, after passing 1 000 ft above aerodrome elevation, a controlling zone RVR is reported by ATC as falling below the specified minimum, the pilot in command of the aircraft may continue the approach to the minimum.
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