



Australian Government
Civil Aviation Safety Authority

Civil Aviation Safety Regulations 1998 – Part 60
Regulation 60.035

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Number: CASA.FSTDQC-AUS-69 Revision: 9

AUS-69

This is to certify that

QANTAS AIRWAYS LIMITED

ARN: 216147 ACN: 009 661 901

BOEING 787 9

Serial No: 2T9A

located at 5 Leonardo Drive, BRISBANE AIRPORT, QLD 4008

is qualified as a Level D Flight Simulator in accordance with Subpart 60.B of the *Civil Aviation Safety Regulations 1998*.

The device specifications including identifying details, types and models of aircraft that are simulated and the capability of the device are described in this certificate.

This certificate is not transferable and continues in force until 31 December 2025.

Joseph Anthony Rule
Branch Manager Flight Standards
National Ops & Standards

Delegate of the Civil Aviation Safety Authority

09 December 2024

Civil Aviation Safety Authority

Flight Simulation Training Device Specification

AUS-69

- a) **Type/Variant of Aircraft** BOEING 787 9
- b) **Flight Simulator Qualification Basis** Part 60 - MOS Chapter 3
FSTD Directive 2
- c) **Visual System** CAE Tropos 6000XR
210 x 40 Deg FOV
- d) **Motion System** Moog 60" EMM
6 DOF
- e) **Engine Fit** GEnx-1B74/75
- f) **Flight Management System Fit** HNP5A-5A-5001
- g) **TCAS Fit** TCAS II
- h) **Additional capabilities** Realistic Gusting Crosswind, Bounced Landing.
- i) **Guidance Information: Training, testing, and checking considerations**

| | | | |
|---|------------------------|------------|-------|
| CAT I | RVR 450m | DH 150ft | Y |
| CAT II | RVR 300m | DH 100ft | Y |
| CAT III (lowest minimum) | RVR 75m | DH "No DH" | Y |
| LVTO | RVR 75m [75m with HUD] | | Y |
| Precision Approaches (ILS/GLS) | | | Y / Y |
| Non-Precision Approaches (LOC, VOR, NDB, DME) | | | Y |
| Non-Precision Approaches (RNP APCH-LNAV) | | | Y |
| Non-Precision Approaches (RNP APCH-LNAV/VNAV) | | | Y |
| Non-Precision Approaches (RNP AR) | | | Y |
| Recency | | | Y |
| IFR Training / Checks | | | Y / Y |
| Type Rating | | | Y |
| Proficiency Checks | | | Y |
| Recurrent Training / Checks | | | Y / Y |
| Auto-coupled Approach | | | Y |
| Autoland / Roll Out Guidance | | | Y / Y |

| | |
|---|-------|
| TCAS II (Version 7.1) | Y |
| Windshear Warning System / Predictive Windshear | Y / Y |
| WX-Radar | Y |
| HGS | Y |
| GPWS | Y |
| ETOPS Capability | Y |
| Full Stall | Y |
| UPRT | Y |
| Icing | Y |
| Other: Nil | |

j) **Restrictions / Limitations**

Nil