



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-102 Revision: Initial

AUS 102

This is to certify that

**NQ HELI-WORX HOLDINGS PTY LTD**

ARN: 1047556 ACN: 615 103 305

Trading as

**Meridian Helicopters**

**BELL 429**

Serial No: 153

located at 103 Gypsy Court, TOWNSVILLE AIRPORT, QLD 4814

is qualified as a FAA Level 4 Flight Training Device 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 30 November 2026.

Joseph Anthony Rule  
National Manager Flight Standards  
National Ops & Standards

Delegate of the Civil Aviation Safety Authority

07 November 2025

# Civil Aviation Safety Authority

## Flight Simulation Training Device Specification

AUS 102

a)	<b>Type/Variant of Aircraft</b>	BELL 429
b)	<b>Flight Simulator Qualification Basis</b>	FAR Part 60 Change 2 FSD-2 Version 1.5
c)	<b>Visual System</b>	Entrol and BenQ Display (200X40 FOV)
d)	<b>Motion System</b>	D-BOX
e)	<b>Engine Fit</b>	2 x PW207D1
f)	<b>Flight Management System Fit</b>	GTN 650/750
g)	<b>TCAS Fit</b>	TCAS II
h)	<b>Additional capabilities</b>	Nil
i)	<b>Guidance Information: Training, testing, and checking considerations</b>	

### Conditions

For the credits specified, the synthetic training device must be operated in accordance with the following conditions;

1. An Instructor authorised to conduct training in the activity by the Part 141/142 operator must be present at the instructor station for the duration of the activity.
2. The synthetic training device must be serviceable and approved for the purpose.
3. Training for the grant of an aircraft category rating or operational rating must be conducted in accordance with the operators approved syllabus of training by an authorised instructor.

### Part 1 - Aeronautical Experience for the grant of a flight crew license or operational ratings

1. Air Transport Pilot Licence (ATPL) - Aircraft Category Rating.
  - a. Helicopter
    - i. 10 hours instrument time 61.710(1)(h)
    - ii. 25 hours aeronautical experience 61.710(1) - (see 61.710(3))
2. Instrument rating
  - a. 10 hours dual instrument time 61.885(5)(b)(i)
  - b. 20 hours instrument time 61.885(5)(b)

### Part 2 - Instrument proficiency checks

1. For 61.695(6) and 61.880(6) - The following instrument approach operations using Instrument approach procedures specified in Part 4 of this schedule. At least 1 instrument approach operation must be demonstrated in an aircraft or approved flight simulator for the relevant

aircraft as defined under 61.695(9) and 61.880(9)

- a. 2D instrument approach operations
- b. 3D instrument approach operations
- c. Azimuth lateral guidance
- d. Course Deviation Indicator (CDI) lateral guidance

Note 1: At least 1 instrument approach operation to be conducted in an aircraft of the same category or flight simulator approved under CASR Part 60.

### **Part 3 - Instrument rating or MPL/ATPL recent experience**

- |  |                                    |
|--|------------------------------------|
| 1. Single pilot operations                           | 61.875(1)                          |
| 2. Instrument approach operations                    | 61.645(2), 61.685(2) and 61.870(2) |
| 3. 2D instrument approach operations                 | 61.645(4), 61.685(4) and 61.870(4) |
| 4. 3D instrument approach operations                 | 61.645(5), 61.685(5) and 61.870(5) |
| 5. Azimuth lateral guidance                          | 61.645(6), 61.685(6) and 61.870(6) |
| 6. Course Deviation Indicator (CDI) lateral guidance | 61.645(7), 61.685(7) and 61.870(7) |

Note 2: Under CASR 61.645(2), 61.685(2) and 61.870(2) the holder must conduct at least 1 instrument approach operation in an aircraft or flight simulator of the same category within the previous 90 days to satisfy the recent experience requirements.

### **Part 4 - Type of instrument approach procedures**

1. For 61.640(3), 61.680(4) and 61.860(5) the following kind of instrument approach procedures can be demonstrated;
  - a. DGA
  - b. NDB
  - c. VOR
  - d. RNP APCH LNAV
  - e. ILS/LOC

### **Part 5 - Additional activities**

1. Night VFR Rating
  - a. Helicopter Endorsement - 2 hour dual instrument time 61.975(1)(b)
2. Night VIS Rating
  - a. 15 hours instrument time - reg 61.1025 of CASR
3. Operator Proficiency Checks (OPCs) in accordance with an operators approved Training and Checking Manual
4. Multi-Crew Cooperation training (MCC) in accordance with an approved syllabus of a Part 142 Flight Training Operator.

### **Areas of Operation**

- Pre-flight Procedures

- Preflight Inspection (Cockpit Only)
- Powerplant start
- Pre-take-off checks
- Normal, Non-Normal and Supplementary Procedures
  - Normal System Operation (Installed Systems)
  - Abnormal/Emergency System Operation (Installed Systems)
- Post flight Procedures
  - After landing Procedures
  - Parking and Securing
- Instructor Operating Station (IOS), as Appropriate
  - Power Switches
  - Preset Positions (ground, air)
  - Helicopter System Malfunctions
  - Insertion/Deletion
  - Problem Clear

j) **Restrictions / Limitations**

Nil