



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

Instrument Number: SYDR/134/2011

I, Gregory James Worthington, Flying Operations Inspector, CASA Operations Division, Regional Office, a delegate of CASA, make this instrument under subregulation 157(4)(b) of the *Civil Aviation Regulations 1988*.

A handwritten signature in black ink, appearing to be 'G. Worthington'.

Greg Worthington  
Flying Operations Inspector  
Sydney Region, Bankstown  
Operations Division

10 May 2011

**Permission — Low Flying**

---

**1 Application**

This instrument applies to:

The **pilot in command** (the "*pilot in command*") of a helicopter operated by **Eagle Helicopters Pty Ltd** (Aviation Reference Number 565413) (the "*operator*").

**2 Permission**

I permit the pilot in command to fly a helicopter over an area other than a city, town or populous area at a height lower than 500 feet while engaged in aerial work operations listed at Schedule 1, that require low flying.

**3 Conditions**

This permission is subject to the conditions set out in Schedule 2.

**4 Commencement**

This instrument commences on 10 May 2011.

**5 Duration**

This instrument remains in effect until the 31 May 2013.

## **Schedule 1 Types of Operations**

1. Aerial Photography.
2. Aerial Spotting.
3. Aerial Surveying.
4. Feral and Diseased Animal Control.
5. Power Line Operations.
6. Search and Rescue.
7. External Sling Load.

## **Schedule 2 Conditions**

1. The operator and the pilot in command of the helicopter must ensure that the transit to and from the area where low flying is required and authorised is flown in accordance with the provision of CAR157(1) until the aircraft is established within the area.
2. The operator must clearly define the geographical area in which the low flying operation may be conducted and the pilot in command must ensure that the low flying is only conducted within that defined area.
3. The operator and pilot in command must ensure that the aerial work operations are conducted in accordance with the instructions contained in relevant sections of the operator's operations manual.
4. The operator must ensure that the pilot in command has completed low flying training conducted by a pilot approved for the purpose by CASA. This training, the details of which are to be incorporated in the company operations manual, shall be in accordance with Civil Aviation Order 29.10, subsection 7, paragraph 7.1 (b), or as otherwise approved by this Authority.
5. The operator must ensure that the pilot in command has demonstrated competency within the last twelve months, in safely controlling the relevant helicopter, following uncommanded loss of engine power and following tail rotor malfunction. Competency must be demonstrated to the satisfaction of the Chief Pilot of the operator or a delegate, and must be demonstrated while the helicopter is flown at the lowest height above ground or water and at the lowest airspeed that is planned for the operations under this permit.
6. The operator must ensure that the pilot in command is authorised to conduct the operation by the approved Chief Pilot of the operator. The Chief Pilot must supervise the planning of the low flying operation including the process of pre flight hazard identification.
7. The operator and the pilot in command must ensure that only persons essential to the conduct of the aerial work operation are carried in the helicopter.

8. The operator must ensure that the pilot in command conducts a safety briefing that includes all safety information relevant to the proposed flight, with crew and passengers before the flight.
9. The operator and the pilot in command must ensure that operations are only conducted by day under the day visual flight rules (Day VFR). The helicopter is not flown at such location, height and velocity that will enable the aircraft to be manoeuvred away and clear of persons and property on the surface if a forced landing is necessitated.
10. The pilot in command must ensure that the helicopter is not flown lower than 300 feet over a building when within 100 metres radius of a building.
11. When operating over water, the operator and the pilot in command of the helicopter must ensure that the following additional conditions are complied with:
  - a) specific information, procedures and instructions for over water operations shall be contained in the operator's operations manual; and
  - b) aircraft not equipped with a serviceable radio altimeter shall not be flown below 300 feet above water level; and
  - c) when operating below 300 feet above sea level, maximum rate of descent shall be 300 feet per minute; and
  - d) the helicopter is not flown lower than 300 feet over a vessel when within 100 metres radius of a vessel.
12. The operator and the pilot in command of the helicopter must ensure that operations over Sydney Harbour are conducted as follows:
  - a) West of the Sydney Harbour Bridge, not below 500 feet above sea level; and
  - b) East of the Sydney Harbour Bridge, not below 200 feet above sea level and not less than 200 metres from the shore line.
13. In clause 12, "Sydney Harbour" means:

*"The waters of Sydney Harbour, including the waters of all tidal bays, rivers and their tributaries connected or leading to the Harbour bounded by mean high water mark and lying between the Ryde Road Bridge and a line commencing at the southernmost point of North Head and running to the northernmost point of South Head; including the waters of Middle and North Harbour."*
14. The operator shall advise, and where necessary or relevant, obtain specific permission from relevant Commonwealth, State and local government authorities, such authorities to include police, and emergency authorities, to conduct operations.