



Notice of Requirement

NTC 61.365

Robinson Safety Awareness Training

Revision 1
30 October 2017

Preliminary

Pursuant to Civil Aviation Rule (rule) 61.377, the Robinson safety awareness training conditions first issued under section 21 of the Act on 29 October 2015 and last amended on 27 June 2017, are deemed to be requirements (these requirements) made by the Director under rule 61.365. These requirements are also deemed to have undergone the processes to be followed before the issue of a notice under rule 61.367. These requirements are set out in paragraphs 1 to 5 of this Civil Aviation Authority (CAA) Notice of Requirement (NTC 61.365).

Purpose

These requirements in this CAA Notice address safety risks relating to the operation of Robinson R22 and R44 helicopters.

General

CAA Notices contain mandatory requirements including the detail about the approvals, standards, conditions, procedures and technical specifications that have been approved or determined by the Director under the Civil Aviation Rules. These requirements apply in particular circumstances to particular aviation document holders as specified in the Notice.

CAA Notices are issued under rules made according to section 28(5) of the Civil Aviation Act. This section permits the Minister of Transport to make ordinary rules, and to specify any terms and conditions within the rules:

- to require a matter to be determined, or undertaken or approved by the Authority, the Director or another person; or
- to empower the Authority, Director, or another person to impose requirements or conditions as to the performance of any activity, including (but not limited to) any procedures to be followed.

These requirements stated in this CAA Notice are mandatory and must be complied with.

Related Rules

Part 61 Subpart I – Requirements for Training, Operation and Use of Aircraft Following a Safety Review.

Rules 61.105, 61.153, 61.155, 61.203, 61.205, 61.253, 61.255, 61.311, 61.377 and 61.911.

Effective Date

This CAA Notice comes into effect on 30 October 2017.

Issue of CAA Notice



Signed by
Director of Civil Aviation



Date

Revision History

Revision 1	Original version
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Robinson Safety Awareness Training

1. Preliminary

(a) Pursuant to rule 61.377, the Robinson safety awareness training conditions first issued under section 21 of the Act on 29 October 2015 and last amended on 27 June 2017, are deemed to be requirements made by the Director under rule 61.365.

(b) These requirements include conditions and restrictions specifying the training, operation and use of Robinson R22 and Robinson R44 helicopters (“Robinson safety awareness training”).

2. Application

In accordance with rule 61.365, these requirements apply to:

(a) any person acting as pilot-in-command of a Robinson R22 and R44 helicopter as -

- (1) a student pilot;
- (2) a holder of a recreational pilot licence (helicopter);
- (3) a holder of a private pilot licence (helicopter);
- (4) a holder of a commercial pilot licence (helicopter);
- (5) a holder of an airline transport pilot licence (helicopter);

(b) a holder of –

- (1) an aviation training organisation certificate under Part 141; or
- (2) an air operator certificate under Part 119 - if the certificate authorises Robinson safety awareness training.

3. Student Pilots

The following requirements apply to a student pilot:

(a) A person must not manipulate the controls of a Robinson R22 or R44 helicopter unless the person has satisfactorily completed training in the

relevant topics of the ground component of the Robinson safety awareness training syllabus specified in paragraph 5(c)(1).

(b) A person must not fly solo in a Robinson R22 helicopter unless the person-

- (1) has satisfactorily completed the full ground and in-flight components of the Robinson safety awareness training specified in paragraph 5(c) within the preceding 90 days; and
- (2) has completed 20 hours of dual instruction in a Robinson R22 helicopter that –
 - (i) may include up to 10 hours of flight time in a Robinson R44 helicopter; and
 - (ii) must not include cross country flight time.

(c) A person must not fly solo in a Robinson R44 helicopter unless the person –

- (1) has satisfactorily completed the full ground and in-flight components of the Robinson safety awareness training specified in paragraph 5(c) within the preceding 90 days; and
- (2) has completed 20 hours of dual instruction in a Robinson R44 helicopter that –
 - (i) may include up to 10 hours of flight time in a Robinson R22 helicopter; and
 - (ii) must not include cross country flight time.

4. Helicopter pilot licence holders

The following requirements apply to a holder of a recreational pilot licence (helicopter), private pilot licence (helicopter) commercial pilot licence (helicopter) or airline transport pilot licence (helicopter):

(a) to be eligible for a Robinson R22 or R44 helicopter type rating, a person must have –

- (1) received at least 3 hours of dual instruction on the helicopter;
and
 - (2) satisfactorily completed the full ground and in-flight components of the Robinson safety awareness training specified in paragraph 5(c).
- (b) Before acting as pilot-in-command of a Robinson R22 or R44 helicopter, a person must have satisfactorily completed the full ground and in-flight components of the Robinson safety awareness training specified in paragraph 5(c) within the previous 24 months.
- (c) Completion of the training required by paragraphs (a) and (b) must be endorsed in the pilot logbook by the instructor who conducted the training.

5. Robinson safety awareness training

- (a) Robinson safety awareness training must be acceptable to the Director and conducted by –
- (1) the holder of an air operator certificate or an aviation training organisation certificate if the certificate authorises such training;
or
 - (2) the Robinson Helicopter Company Inc.
- (b) An instructor providing training under paragraph (a)(1) must –
- (1) hold a category A or B instructor rating; and
 - (2) have at least 200 hours flight time experience on helicopters, of which at least 50 hours must have been a Robinson R22 or R44 helicopter; and
 - (3) be approved by a general aviation flight examiner who-
 - (i) operates under the authority of an air operator certificate or aviation training organisation certificate; and
 - (ii) the Director has determined can assess instructors conducting Robinson safety awareness training.
- (c) Robinson safety awareness training consists of the following –

- (1) the ground component which must cover the following topics:
 - (i) energy management:
 - (ii) mast bumping:
 - (iii) low rotor RPM blade (rotor) stall:
 - (iv) low G hazards:
 - (v) rotor RPM decay:
 - (vi) flight into turbulence:
 - (vii) review of RHC safety notices: and
 - (2) the in-flight component which must cover the following topics:
 - (i) enhanced training in auto-rotational procedures:
 - (ii) low rotor RPM recognition and recovery.
- (d) Low G hazard training must not be demonstrated or practiced in flight.