

# **Civil Aviation Amendment Order (No. R88) 2004**

I, WILLIAM BRUCE BYRON, Director of Aviation Safety, on behalf of CASA, issue the following Civil Aviation Order under regulation 31 of the *Civil Aviation Regulations 1988*.

**[Signed Bruce Byron]**

Bruce Byron  
Director of Aviation Safety and  
Chief Executive Officer

12 December 2004

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**1 Name of Order**

This Order is the Civil Aviation Amendment Order (No. R88) 2004.

**2 Commencement**

This Order commences on gazettal.

**3 Replacement of section 100.92 of the Civil Aviation Orders**

Section 100.92 of the Civil Aviation Orders is omitted and a new section substituted as set out in Schedule 1.

# Schedule 1      Substitution of section 100.92 of the Civil Aviation Orders

## SECTION 100.92

### ADMINISTRATION AND PROCEDURE — AIRCRAFT MAINTENANCE ENGINEER LICENCES — CATEGORY ENGINES

#### 1      APPLICATION

- 1.1      Except where otherwise approved or directed by CASA, this section of the CAOs applies to the requirements for the grant of an aircraft maintenance engineer licence in category engines and for the grant of additional ratings to a licence in this category.
- 1.2      This section of the CAOs is to be read in conjunction with the current issue of CAO section 100.90 and AAC 9-92.

#### 2      DEFINITIONS

Terms and abbreviations used in this section are detailed in CAO section 100.90, but in addition:

***supercharging system*** means a system designed to increase the density of the charge entering the cylinder of an engine and includes both engine driven supercharging systems, and exhaust gas driven (turbo) supercharging systems and their associated engine fuel control system.

#### 3      RATINGS

Category engines is classified into the following ratings:

- |          |  |
|----------|--|
| Group 1  | Piston engines and associated engine systems in aeroplanes and airships, other than those classified in Group 3 and Group 21.                |
| Group 2  | Piston engines and associated engine systems in helicopters, other than those classified in Group 3 and Group 22.                            |
| Group 3  | Supercharging systems.   |
| Group 21 | Piston engines and gas turbine engines and associated engine systems in aeroplanes and airships as specified by CASA and listed in AAC 9-92. |
| Group 22 | Piston engines and gas turbine engines and associated engine systems in helicopters as specified by CASA and listed in AAC 9-92.             |

#### **4 LICENCE RATINGS AND FORM OF ENDORSEMENT**

- 4.1 Ratings specifying the groups of engine systems and/or the specific engine type for which the privileges of the licence may be exercised must be endorsed on the licence.
- 4.2 Applicants who comply with the experience and examination requirements of subsections 5 and 6 of this section may be granted the appropriate rating, subject to the conditions specified at paragraphs 4.3 and 4.4.
- 4.3 Applicants for a Group 3 rating must hold a Group 1 or Group 2 rating.
- 4.4 A separate rating in Group 21 or Group 22 is required for each engine listed in AAC 9-92. Normally the rating granted will be for an engine series in the group.
- 4.5 Endorsement of ratings must take the following form:

Piston Engines and Systems	Group 1
Piston Engines and Systems	Group 2
Supercharging Systems	Group 3
* .....	Group 21
* .....	Group 22

\*(The appropriate engine series description as listed in AAC 9-92 is inserted in the space.)

#### **5 EXPERIENCE REQUIREMENTS FOR EXAMINATIONS, GRANT OF A LICENCE OR ENDORSEMENT OF A RATING**

- 5.1 There are no work experience requirements to be met prior to sitting any examination.
- 5.2 Successful completion of a relevant training course, acceptable to CASA, will be required for all engines classified in Group 21 or Group 22 with exceptions specified by CASA and listed in AAC 9-92.
- 5.3 The minimum experience required for the grant of a licence is 4 years' aircraft maintenance or aircraft component maintenance including:
- (a) 2 years' aircraft maintenance experience in category engines; and
  - (b) practical experience in the group or type for which a rating is sought, to the scope and depth indicated in the relevant Schedule of Experience issued by CASA, or other approved documents.
- 5.4 For engines fitted to aircraft classified as high capacity, practical experience must be specified in a Schedule of Experience compiled by the operator and found acceptable by CASA.

- 5.5 For the endorsement of additional engine ratings, the minimum experience required is that specified in the relevant Schedule of Experience.

## **6 EXAMINATION REQUIREMENTS**

For the grant of a licence or endorsement of additional ratings, applicants must pass the relevant examinations specified by CASA and listed in AAC 9-92.

## **7 LICENCE RATINGS AND EXAMINATION EQUIVALENCY**

- 7.1 From the effective date of this CAO, ratings granted in accordance with section 100.92 will be deemed to be equivalent to the corresponding ratings listed in AAC 9-92.
- 7.2 From the effective date of this CAO, examination credits granted in accordance with section 100.92 will be deemed to be equivalent to the examinations listed in AAC 9-92.