



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

Instrument number CASA 204/14

I, JOHN FRANCIS McCORMICK, Director of Aviation Safety, on behalf of CASA, make this instrument under subsection 6 of Civil Aviation Order 100.93 (*CAO 100.93*) and subsection 33 (3) of the *Acts Interpretation Act 1901*.

**[Signed John F. McCormick]**

John F. McCormick  
Director of Aviation Safety

21 August 2014

**Specification — examinations for aircraft maintenance engineer licence category radio**

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**1 Commencement**

This instrument commences on the day after registration.

**2 Repeal**

- (1) Instrument CASA 288/06, also known as F2006L03275, is repealed.
- (2) Instrument CASA 288/06 as amended, also known as F2010C00103, is repealed.

**3 Specification — examinations for licence or additional ratings**

For subsection 6 of CAO 100.93, the examinations mentioned in Schedule 1 are specified for the grant of a licence, or endorsement of additional ratings for a specific aircraft type, for the category radio.

**Schedule 1 Examinations for category radio**

**1 Core subject examinations**

The core subject examinations for a licence group in table 1 of this Schedule (*table 1*) are indicated by the symbol \* in the column for the licence group.

**2 Specific group subject examinations**

- (1) The specific group subject examinations for a licence group in table 1 are indicated by the symbol \* in the column for the licence group.
- (2) Subject to subclause (3), the additional specific group subject examinations for licence group 20 in table 1 for a specific aircraft type are indicated by the symbol # in the column for licence group 20.
- (3) For licence group 20 in table 1, a candidate must pass the specific group subject examinations only in the systems installed on the specific aircraft type for which the rating is sought.

### 3 Specific aircraft type examinations

The specific aircraft type examinations for licence group 20 in table 1 are those:

- (a) indicated by the symbol # in the column for the licence group; and
- (b) comprising an assessment of the assembly, functioning and principles of construction of, and the methods and procedures for the maintenance of, the radio category of the specific aircraft type.

### 4 Credits and waivers

- (1) A person is not required to pass the examination in aerodynamics and maintenance practices (code **QB**) for a licence group if the person holds a credit for passing each of the following examinations for the licence group:

- (a) Maintenance practices and materials (code **BA**);
- (b) Aerodynamics and mechanical controls (code **BB**);
- (c) Electrical and instrument systems (code **BC**).

*Note* The examinations coded BA, BB and BC are prescribed in the Specification under CAO 100.91 for category airframes and in the Specification under CAO 100.92 for category engines.

- (1A) A person is not required to pass the examination in Airworthiness administration (code **AA**) for a licence group if:

- (a) the person has knowledge of Module 10, Aviation Legislation, in Part 3, Appendix I of the Part 66 Manual of Standards (**MOS**); and
- (b) the person has demonstrated the knowledge by successful examination conducted by a Maintenance Training Organisation (**MTO**) in accordance with paragraph 66.A.25 (b) of the Part 66 MOS.

*Note* CASA approval is dependent on CASA's satisfaction that, through Module 10, the MTO can train and examine in the comprehensive specifics of Airworthiness administration (code **AA**) for the licence group.

- (2) CASA may waive the requirement for the written examination (code **WS**) mentioned in table 1 for a specific aircraft type if:

- (a) the specific aircraft type is so similar to another aircraft type for which the applicant already holds the category radio rating that the applicant may be taken to have adequate knowledge of the radio category for the specific aircraft type; and
- (b) the safety of air navigation will not be affected by the waiver.

- (3) CASA may waive the requirement for the oral examination (code **WO**) mentioned in table 1 for a specific aircraft type if:

- (a) the person obtains, and records in a schedule of experience, appropriate practical experience on the aircraft type; and
- (b) the safety of air navigation will not be affected by the waiver.

**Table 1 — Examinations for category radio**

<i>Examination</i>	<i>Code</i>	<i>Licence groups</i>													
		1	2	3	4	5	6	7	8	9	10	11	12	20	
<i>Core subjects</i>															
Airworthiness administration	AA	*	*	*	*	*	*	*	*	*	*	*	*	*	
Electrical fundamentals	QA	*	*	*	*	*	*	*	*	*	*	*	*	*	
Aerodynamics and maintenance practices	QB	*	*	*	*	*	*	*	*	*	*	*	*	*	
Basic logic and semiconductor theory	QC	*	*	*	*	*	*	*	*	*	*	*	*	*	
AC theory and power systems	QD	*	*	*	*	*	*	*	*	*	*	*	*	*	
		1	2	3	4	5	6	7	8	9	10	11	12	20	
Digital techniques, computer and electronic devices	QE	*	*	*	*	*	*	*	*	*	*	*	*	*	
Communication systems radio basics	WA	*	*	*	*	*	*	*	*	*	*	*	*	*	
<i>Specific group subjects</i>															
Communications systems	WZ	*	*	*	*	*	*	*	*	*	*	*	*	*	
Audio CVR systems	WB		*											#	
ADF systems	WC			*										#	
VOR systems	WD				*									#	
Instrument landing systems	WE					*								#	
Weather radar systems	WF						*							#	
Air Traffic Control transponder systems	WG							*						#	
VLF navigation systems	WH								*					#	
Radio altimeter systems	WI									*				#	
Distance measuring systems	WJ										*			#	
Doppler navigation systems	WK											*		#	
Satellite navigation systems	WL												*	#	
<i>Specific aircraft type</i>															
Written	WS													#	
Oral	WO													#	

*Note* The code is an abbreviation for examination administration purposes.