

Civil Aviation Amendment Order (No. R5) 2004

I, WILLIAM BRUCE BYRON, Director of Aviation Safety, on behalf of CASA, issue the following Civil Aviation Order under subregulation 235 (2) of the *Civil Aviation Regulations 1988*.

[Signed Bruce Byron]

Bruce Byron
Director of Aviation Safety and
Chief Executive Officer

2 December 2004

1 Name of Order

This Order is the Civil Aviation Amendment Order (No. R5) 2004.

2 Commencement

This Order commences on gazettal.

3 Replacement of section 20.7.0 of the Civil Aviation Orders

Section 20.7.0 of the Civil Aviation Orders is omitted and a new section substituted as set out in Schedule 1.

Schedule 1 Substitution of section 20.7.0 of the Civil Aviation Orders

SECTION 20.7.0

AEROPLANE WEIGHT LIMITATIONS — GENERAL

2 APPLICATION

This section applies to aeroplanes engaged in private, aerial work, charter and regular public transport operations.

3 DEFINITIONS

Ambient Conditions: Atmospheric temperature, pressure and wind conditions prevailing at a particular aerodrome during the period of 15 minutes preceding the take-off of the aeroplane.

Forecast Conditions: Atmospheric temperature and pressure conditions forecast for the aerodrome of destination, and its alternate if applicable, by an authorised meteorological officer within:

- (a) 1 hour of the time of take-off of the aeroplane engaged on a flight within Australian Territory; and
- (b) 2 hours of the time of take-off of an aeroplane engaged on an international flight;

and used for the purpose of determining weight limitations of that aeroplane for landing at that aerodrome on that flight.

Declared Conditions: Atmospheric temperature, pressure or density altitude conditions declared by CASA as acceptable for a particular aerodrome for the purpose of determining weight limitations for take-off or for landing.

Declared Weights: Weights determined for the use of declared conditions for a particular aerodrome.

Developmental Air Service: An air service which due to the nature of operational and economic considerations, has been declared by CASA to be a developmental service.

Corrected Effective Operational Length: A length of runway — including over-run — expressed in feet, corrected for slope, runway surface, and approaches, declared by CASA as usable for take-off or landing by a particular aeroplane. For the purpose of computing take-off and landing weights the corrected effective operational length shall

be determined by reference to Aeronautical Information Publications, subject to variations contained in NOTAMS.

Main Runway: The runway with the greatest corrected effective operational length.

Subsidiary Runway: Any runway on an aerodrome other than the main runway.

4 DECLARED DENSITY ALTITUDE CHARTS (include in 1, 2 and 3)

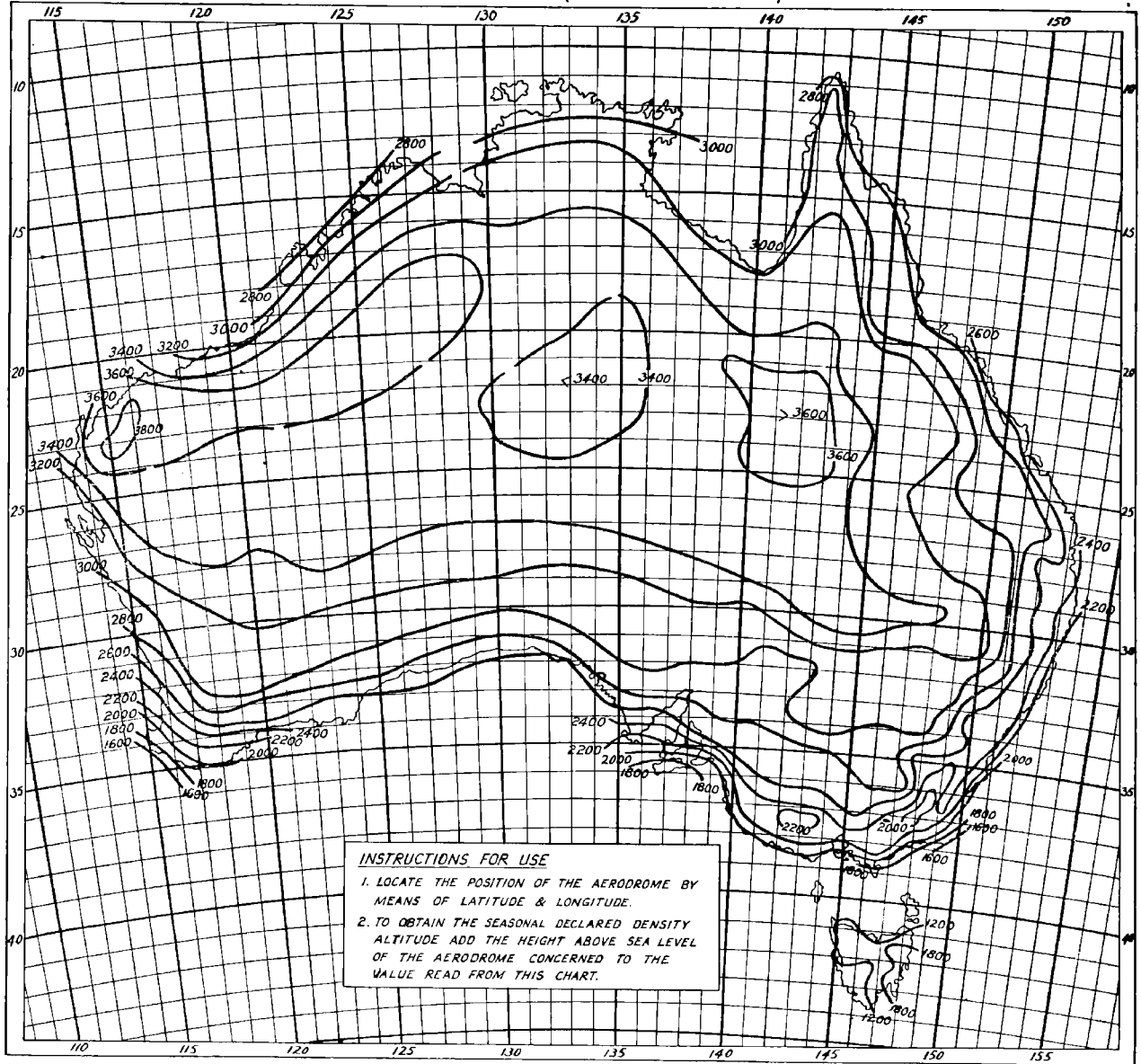
Declared density altitude charts are provided as follows:

Summer Season	Appendix 1
Winter Season	Appendix 2
Autumn-Spring Seasons	Appendix 3

These charts shall be used when weights are determined by the use of declared conditions.

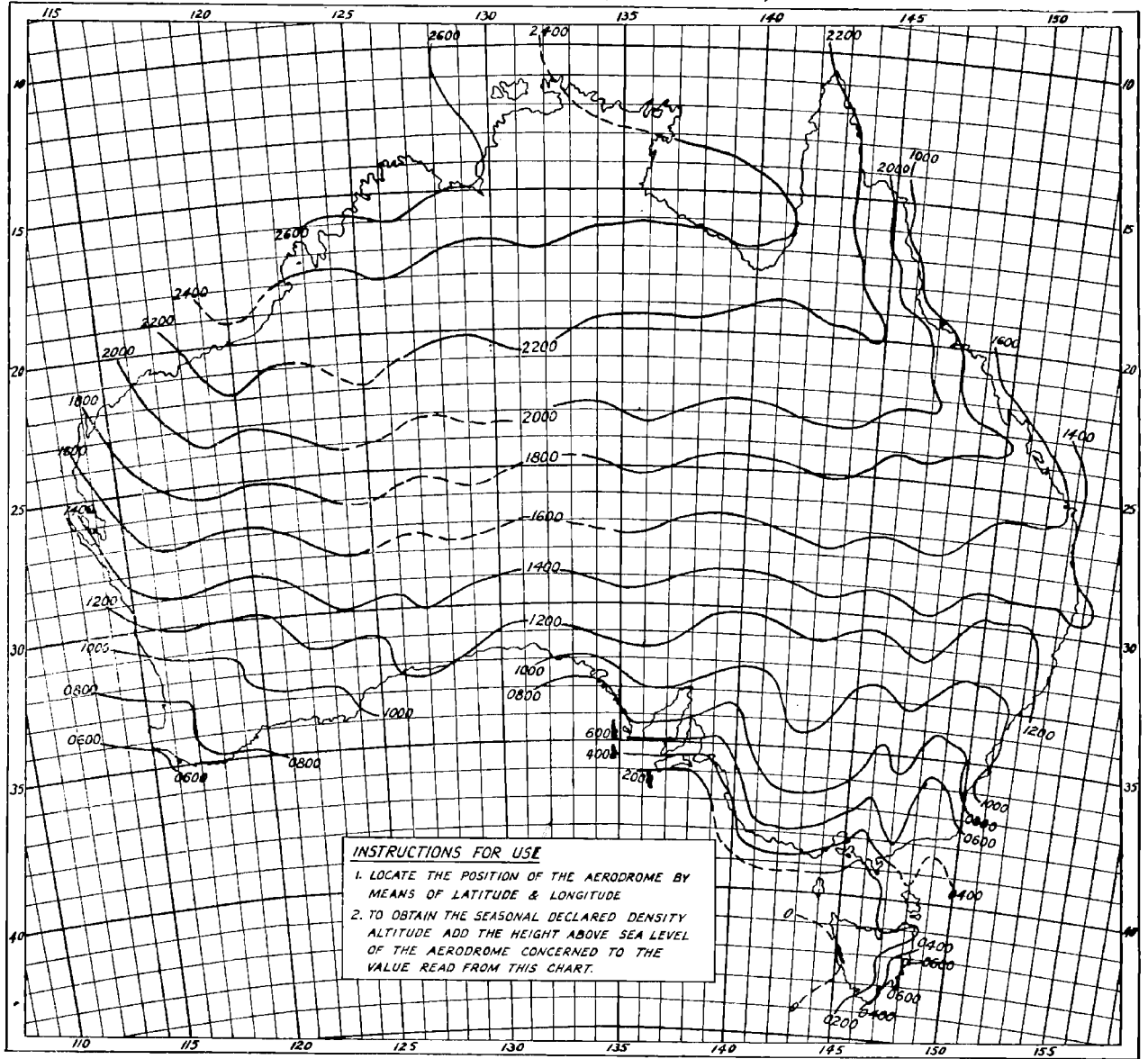
APPENDIX I

DECLARED DENSITY ALTITUDE CHART SUMMER SEASON (DECEMBER TO FEBRUARY)



APPENDIX II

DECLARED DENSITY ALTITUDE CHART WINTER SEASON (JUNE TO AUGUST)



APPENDIX III

DECLARED DENSITY ALTITUDE CHART AUTUMN (MARCH TO MAY) - SPRING (SEPT. TO NOV.)

