



AEROPLANE WEIGHT LIMITATIONS — GENERAL

SUBSECTIONS

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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:

- 1 hour of the time of take-off of the aeroplane engaged on a flight within Australian Territory; and
- 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

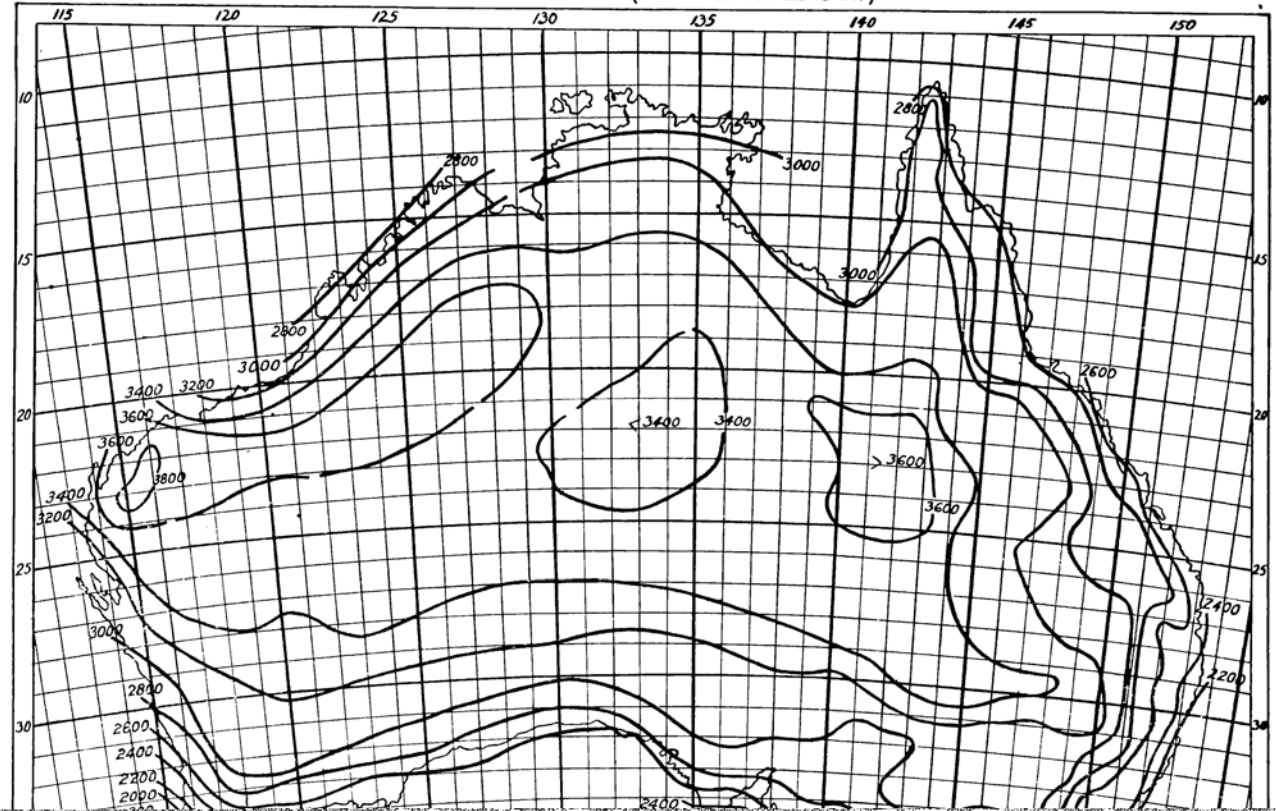
Declared density altitude charts are provided as follows:

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.

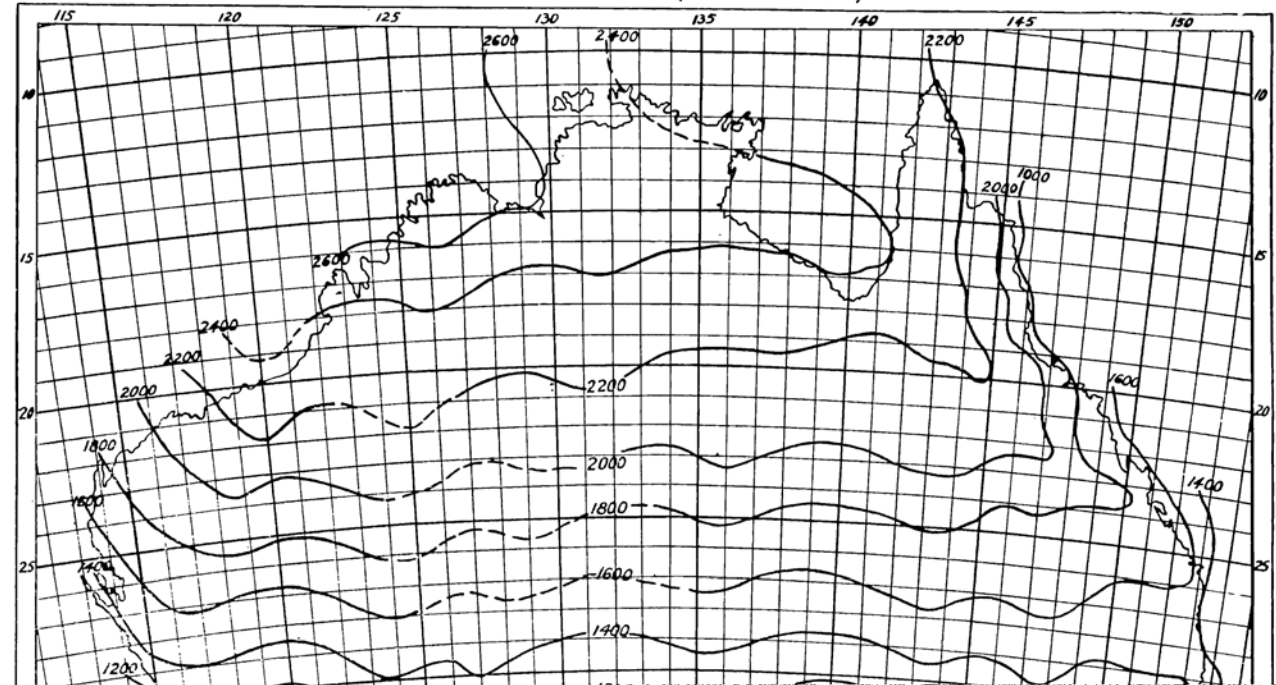
APPENDIX I

DECLARED DENSITY ALTITUDE CHART
SUMMER SEASON (DECEMBER TO FEBRUARY)



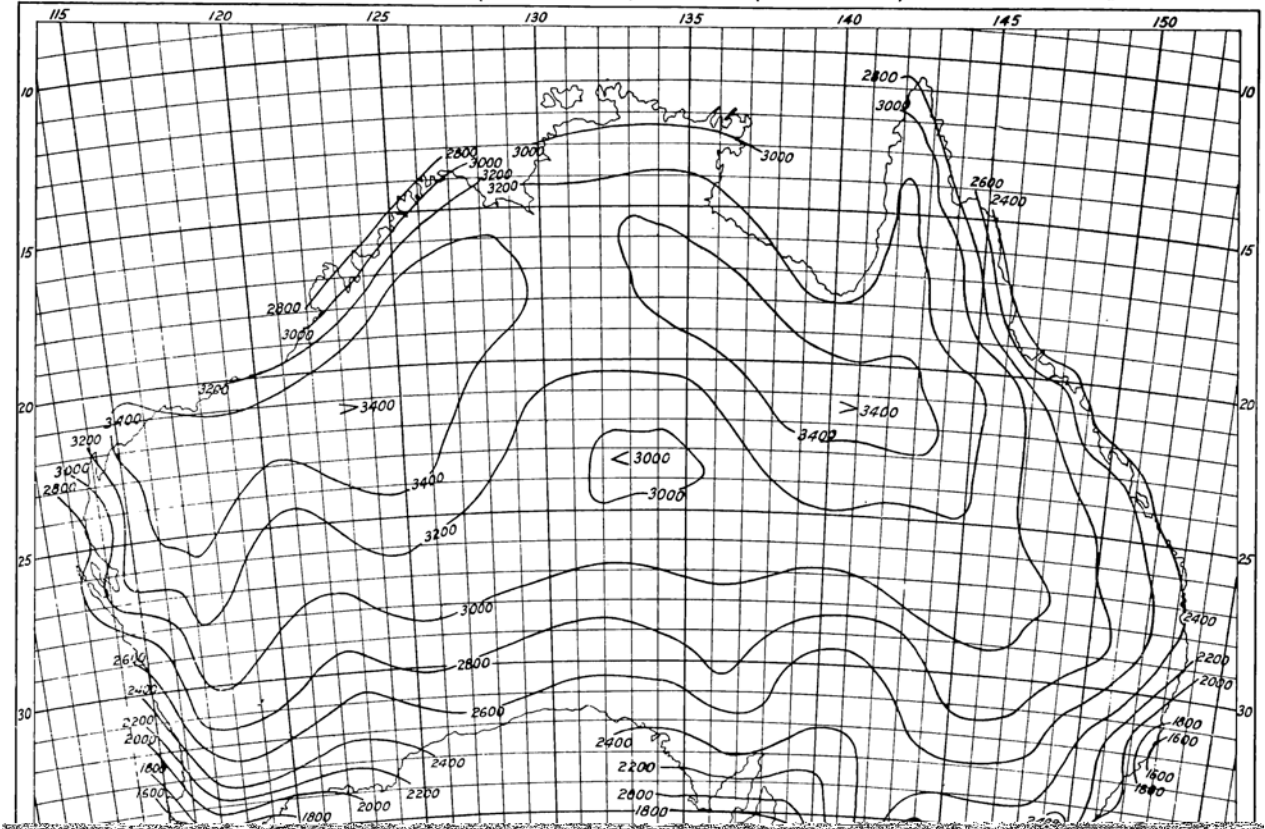
APPENDIX II

DECLARED DENSITY ALTITUDE CHART
WINTER SEASON (JUNE TO AUGUST)



APPENDIX III

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



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