SECULAR VARIATION
of the MAGNETIC DECLINATION for the EPOCH 1935–42
The Secular Variation is shown by Lines of Equal Annual Change at the Rate, in Minutes per Annum, indicated thereon.
Indicates that the North-Seeking End of the Magnetic Needle is moving EASTERLY / WESTERLY
A U S T R A L I A
NO DECLINATION
INSET A
SEE INSET A
SHEET ASSEMBLY
SHEET 1 of 3 sheets
ISSUED Nov. 1944
AUSTRALIAN AERONAUTICAL SERIES
LINES OF EQUAL MAGNETIC DECLINATION
AS AT JUNE 1942
Compiled and drawn by the Property and Survey Branch, Department of the Interior, Canberra, A.C.T. from Magnetic Data reduced by J. M. Rayner, B.Sc., F. Inst. P., Chief Geophysicist, Mineral Resources Survey, Department of Supply and Shipping, Canberra, A.C.T.
Land Magnetic Station shown thus ● CUE
Ocean Magnetic Station shown thus ● 784
Station disturbed by local rock magnetism and not given full weight in drawing isogonals shown thus ✱
Areas known to be disturbed by local rock magnetism shown thus
Reduced Values shown thus 10°35′W.
ISOGONIC LINES, spaced at one-half degree intervals, are shown in GREEN
TERRESTRIAL LINES " " " " " " " RED
Lines of Equal Secular Variation shown thus (for Explanation see Inset)
Absolute values are derived from the Authorities indexed below and have been reduced to the Magnetic Epoch 1942·5
LAND MAGNETIC STATION :—
A. Carnegie Institute of Washington, Department of Terrestrial Magnetism, Vol. 2, Land Magnetic Observations 1911–1913
B. " " " " " " 3 " " 1905–1916
C. " " " " " " 4 " " 1914–1920
D. " " " " " " 5 " " 1915–1921
E. " " " " " " 6 " " 1921–1926
F. " " " " " " Unpublished Results 1936–1938
G. Mr G.F. Dodwell, Government Astronomer, South Australia. " " 1927–1939
H. Aerial, Geological and Geophysical Survey of Northern Australia. " " 1936–1942
J. Reports of expeditions from the Royal Magnetic and Meteorological Observatory, Batavia. 1903–1907
K. " " " " " " " 1917–1919
L. " " " " " " " 1922–1924
M. Reports and Unpublished Results from Observatories. 1900–1942
OCEAN MAGNETIC STATION :—
GI. Carnegie Institute of Washington, Department of Terrestrial Magnetism, Vol. 3. 1st Cruise of the "Galilee" 1905
GII. " " " " " " 2nd " " 1906
GIII. " " " " " " 3rd " " 1906–1908
CII. " " " " " " 2nd " "Carnegie" 1910–1913
CIV. " " " " " Vol. 5. 4th " " 1915–1917
CVI. " " " " " " 6th " " 1919–1921
MERCATOR PROJECTION
STATUTE MILES
EAST OF GREENWICH
MAGNETIC DECLINATION – SHEET 1
919/REG