

D. R. NAVIGATION

CERTIFICATE

HEADQUARTERS EIGHTH AIR FORCE AAF STATION 101 APO 634

CERTIFICATE

	21	· —	10111
DATE	41	Vune	1944

- 1. This is to certify that L. R. Johnson, Bombardier, having satisfactorily completed a course of instruction in accordance with Eighth Air Force Memorandum 50-7, is qualified to act as NAVIGATOR on flights involving the use of dead reckoning navigation, pilotage, and the use of radio aids.
 - 2. The course of instruction has included the following:

a. Ground Instruction

(1) (2)	Map reading Dead reckoning navigation; plotting and	2 hours
	measuring courses	4 hours
(3)	Log-book procedure; the flight plan	2 hours
(4) (5) (6)	Radio Aids to Navigation	4 hours
(5)	Code (A standard of six words per minute)	
(6)	Use of the radio compass and plotting fixes	3 hours
(7) (8)	Identification and emergency procedures	1 hour
(8)	Compasses and Magnetism	2 hours
(9)	Theory of Gee and its operation	5 hours

b. Flying Training. A minimum of 15 hours flying as navigator on which the following has been accomplished:

(1) One radio fix taken and plotted every 30 minutes.

(2) Drift readings taken every 10 minutes and winds determined on all legs of flight.

(3) Complete log-book kept with all navigational data entered.

(4) Demonstrated ability to pin-point by map-reading.

(5) Demonstrated ability to take and plot fixes, using Gee.

c. Examination. Satisfactory grade (80 per cent) on Sections 1, 2, 3 and 5 of Examination given in Section 2, Group Navigator's Handbook, issued by this Hezdquarters.

By command of Lieutenant General DOOLITTLE:

E. W. MASCHMEYER Colonel, A.C.

Maschmerer

Executive, A-3

Commanding Officer

Group Navigator.

458° Bombardment Group.

Eighth Air Force Navigator.

Captain