

UNITED STATES OF AMERICA  
CIVIL AERONAUTICS BOARD  
WASHINGTON, D. C.

Regulations  
Serial Number 134

TITLE: REVISING THE RADIO EQUIPMENT  
REQUIRED FOR THE CERTIFI-  
CATION OF AN AIR CARRIER FOR  
THE CARRIAGE OF GOODS IN AIR  
TRANSPORTATION

At a session of the Civil Aeronautics Board held  
at its office in Washington, D. C., on the 7th day  
of January, 1941

Acting pursuant to the authority vested in it by  
the Civil Aeronautics Act of 1938, as amended, par-  
ticularly sections 205(a), 601(a), and 604 of said  
Act, and finding that its action is desirable in the  
public interest and is necessary to carry out the  
provisions of, and to exercise and perform its powers  
and duties under, said Act, the Civil Aeronautics  
Board amends the Civil Air Regulations as follows:

Amendment No. 89 to C. A. R., amend-  
ing Sections 40.305, 40.315, 40.335,  
40.345.

Insert after p. 10, Part 40  
Effective: January 7, 1941

Effective January 7, 1941, Part 40, as amended, of the Civil Air  
Regulations is amended as follows:

- (1) By amending section 40.305 to read as follows:

"40.305 Radio facilities. Applicant shall show an adequate two-way  
ground to aircraft communication system which, under normal operating  
conditions, shall be capable of maintaining communication with all air-  
craft of the applicant in flight over the proposed regular or alternate  
route."

- (2) By amending section 40.315 to read as follows:

"40.315 Radio facilities. Same as in § 40.305"

- (3) By amending section 40.335 to read as follows:

"40.335 Radio equipment. Applicant shall show that each aircraft is  
equipped with a type certificated two-way radio telephone system having  
sufficient power to permit communication under normal operating conditions  
with at least one ground station used or to be used by the applicant on  
the regular or alternate route. Such system shall be capable of:

- (a) communication with other aircraft of the applicant in flight,  
and  
(b) satisfactorily receiving radio range signals and weather broad-  
casts.

Such system shall also include a type certificated audio filter system  
with suitable switching arrangement to be used in connection with the  
reception of simultaneous range and voice broadcast if the airway or  
route to be traversed is equipped with simultaneous type radio range  
stations."

- (4) By amending section 40.345 to read as follows:

"40.345 Radio equipment. Same as in § 40.335."

By the Civil Aeronautics Board:

/s/ Thomas G. Early  
Thomas G. Early  
Secretary

( S E A L )