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TITLE 14 - AERONAUTICS AND SPACE

CHAPTER I - FEDERAL AVIATION AGENCY

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[Regulatory Docket No. 349; Amendment 41-37]

PART 41 - CERTIFICATION AND OPERATION RULES FOR SCHEDULED AIR CARRIER OPERATIONS OUTSIDE THE CONTINENTAL LIMITS OF THE UNITED STATES

File in CAM-41

IFR Landing Minimums for Pilots with Less Than 100 Hours as Pilot in Command in a Particular Type of Airplane

The Federal Aviation Agency published as a notice of proposed rule making (25 F.R. 3554) and circulated as Civil Air Regulations Draft Release No. 60-7 on April 18, 1960, a proposal to amend Parts 40, 41, and 42 of the Civil Air Regulations to require that higher landing minimums be made applicable to all pilots in command who have not served 100 hours as pilot in command in air carrier operations in a particular type of airplane.

Standard operating limitations, presently contained in the operations specifications of all air carriers subject to Part 41, require that ceiling and visibility minimums for IFR landings be increased by 100 feet ceiling and ½ mile visibility for those pilots who have not served 100 hours as pilot in command in air carrier operations in a particular type of airplane. As this requirement is applicable to all scheduled international air carriers and commercial operations subject to Part 41 of the Civil Air Regulations, it is appropriate that it be included in the Civil Air Regulations rather than in the air carriers' operations specifications.

These limitations, which are presently contained in the operations specifications, permit a pilot in command to operate at the lower IFR landing minimums prior to obtaining the required 100 hours experience if a company check pilot certifies that he is qualified to do so. Investigation of the practice among air carriers has revealed wide variations in

making the determination that a pilot is qualified for the lower landing minimums prior to his attaining 100 hours as pilot in command in a particular type of airplane. This has resulted in pilots being certified to operate at the lower landing minimums after having attained, in some instances, only a small fraction of the required 100 hours.

While the air carriers, in commenting on Draft Release No. 60-7, expressed their belief that the limitations presently contained in the operations specifications are basically sound, the majority of all comments received in response to the draft release indicated concurrence with adoption of a regulation requiring higher IFR landing minimums for pilots who have not acquired a specified amount of experience as pilot in command in a particular type of airplane in air carrier operations. In addition, the majority of comment suggested that in no case should this requirement be subject to reduction at the discretion of a company check pilot.

There were also suggestions made that certain other factors, such as the pilot's previous experience, his overall proficiency, his knowledge of the particular airport, and the number of approaches and landings made in the new type of airplane, should be recognized and substituted for a portion of the required 100 hours. While these suggestions have merit, it is believed that the factors to be considered could become so numerous, and difficult to assess in terms of an equivalent number of flight hours, as to diminish the effectiveness of the rule.

The safe execution of an instrument approach to the lowest minimums requires the highest degree of pilot familiarity with the airplane, its

controls, instruments, and performance characteristics. One hundred hours of experience in a new type of airplane as pilot in command in air carrier or commercial operations is necessary in order to achieve this degree of familiarity so essential to safe operations at the lowest landing minimums.

The Federal Aviation Agency therefore believes that, in the interest of safety, all pilots in command should use IFR landing ceiling and visibility weather minimums 100 feet higher and ½ mile greater than regularly approved minimums, until they have obtained 100 hours of air carrier or commercial operator pilot-in-command experience in a particular type of airplane.

Interested persons have been afforded an opportunity to participate in the making of this regulation, and due consideration has been given to all relevant matters presented.

In consideration of the foregoing, § 41.119 of Part 41 of the Civil Air Regulations (14 CFR Part 41, as amended) is hereby amended by adding a new paragraph (d) to read as follows, effective May 23, 1961

41.119 Approach and landing limitations. * * *

(d) The ceiling and visibility landing minimums prescribed in the air carrier's operations specifications for regular, provisional, or refueling airports shall be increased by 100 feet ceiling and ½ mile visibility whenever the pilot in command has not served 100 hours as pilot in command in air carrier or commercial operations in the particular type of airplane being operated by him. The ceiling and visibility minimums need not be increased above those applicable to the airport when used as

an alternate airport. The sliding scale, when authorized in the air carrier's operations specifications, shall not be applied until the pilot in command has served 100 hours as pilot in command in air carrier or commercial operations in the particular type of airplane being operated by him.

(Secs. 313(a), 601, 604, 72 Stat. 752, 775, 776; 49 U.S.C., 1354(a), 1421, 1424)

Administrator

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