UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY
WASHINGTON, D.C.

Civil Air Regulations Amendment 13-4
Effective: May 3, 1962
Issued: March 27, 1962

[Reg. Docket 107; Amdt. 13-4]

PART 13—AIRCRAFT ENGINE AIRWORTHINESS

Miscellaneous Amendments Resulting From First Airworthiness Review

As a result of the First Federal Aviation Agency Airworthiness Review, the Agency published a notice of proposed rule making affecting several parts of the Civil Air Regulations. This notice was published in the FEDERAL REGISTER (26 F.R. 5130) and circulated as Civil Air Regulations Draft Release No. 61-12 dated June 8, 1961. There are contained herein amendments to Part 13 of the Civil Air Regulations which stem from this First FAA Airworthiness Review.

Presently effective § 13.260 requires, among other things, that thrust reversers be subjected to reversal tests and that, after each reversal, the reverser be operated at full reverse thrust for a period of one minute. A period of operation this long is unnecessary for reversers intended for use only as a braking means on the ground since the usual period of reverse thrust in operation has been shown to be between 20 and 30 seconds. Accordingly, the provision is revised by reducing the reverse thrust test time for such reversers from one minute per cycle to 30 seconds per cycle.

Concurrently, the provisions of § 13.260(b), dealing specifically with reversers intended for use in flight, are being amended to retain the requirement for a one-minute reversal operation. In addition, the proposed provision requiring such other tests to be conducted as are found necessary to insure safe and reliable operation of the reverser in flight is not being adopted. This provision unnecessarily repeats the requirement which appears elsewhere and could lead to an incorrect inference that flight tests of an engine might be required as a part of engine type certification.

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

In consideration of the foregoing, Part 13 of the Civil Air Regulations (14 CFR Part 13, as amended) is hereby amended as follows, effective May 3, 1962:

1. By amending § 13.260(a) by deleting from the last sentence the words "one minute" and inserting in lieu thereof "30 seconds."

2. By amending § 13.260(b) to read as follows:

§ 13.260 Thrust reversers.

* * * * *

(b) If the reverser is intended for use in flight, the provisions of paragraph (a) of this section shall apply, except that, after each reversal, the reverser shall be operated at full reverse thrust for a period of one minute.

(Secs. 313(a), 601, 603; 72 Stat. 752, 775, 776; 49 U.S.C. 1354(a), 1421, 1423)

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N. E. HALABY,
Administrator.

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