CIVIL AERONAUTICS MANUAL 60

U. S. Department of Commerce Civil Aeronautics Administration

Civil Aeronautics Manuals and supplement thereto are issued by the Office of Aviation Safety, Civil Aeronautics Administration, for the guidance of the public and are published in the Federal Register and the Code of Federal Regulations.

Supplement No. 10 February 8, 1954

SUBJECT: 60.1 Scope.

The purpose of this supplement is to publish current policies under which the Administrator of Civil Aeronautics will authorize persons conducting special flight operations to deviate from Air Traffic Rules. These policies appeared in the Federal Register on December 4, 1953, and became effective on December 15, 1953.

This supplement supersedes Supplement No. 8, dated July 15, 1952, which should be removed and destroyed.

John T. Warlick
for A. S. Koch
Director, Office of
Aviation Safety

Attachment

DISTRIBUTION: AIR 4, 4a, 5, 6, 9, 11 tab 2, 14, 20a, 20a-1, 20b-1, 22b-1 (2 ea.), 22c (2 ea.), 22c-1 (2 ea.), 33, 33a, 33-1, 33c, 33c-1, 40 all tabs, 40-F-1, 40-1.

"§ 60.1 *Scope.* The air traffic rules in this part shall apply to aircraft operated anywhere in the United States, including the several States, the District of Columbia, and the several Territories and possessions of the United States, including the territorial waters and the overlying airspace thereof, except:

"(a) Military aircraft of the United States armed forces when appropriate military authority determines that noncompliance with this part is required and prior notice thereof is given to the Administrator, and

"(b) Aircraft engaged in special flight operations, requiring deviation from this part, which are conducted in accordance with the terms and conditions of a certificate of waiver issued by the Administrator.

"NOTE: Specific operations which cannot be conducted within the provisions of the regulations in this part, such as air races, air meets, acrobatic flights, or certain pest control or seeding operations require, prior to commencement of the operation, a certificate of waiver which may be obtained from the nearest office of CAA."

§ 60.1-1 *Sections of this part which may be waived (CAA policies which apply to § 60.1 (b)).* (a) A Certificate of Waiver or Authorization, Form ACA-663, will be issued to authorize noncompliance with any section of this part for a special flight operation when the operation can be conducted under the terms and conditions of a certificate which will provide a reasonable degree of safety to other air traffic and to persons and property on the ground. Deviations from the following section of this part for special flight operations are considered routine and generally will be approved by the local Aviation Safety agent:

(1) § 60.16 Acrobatic flight.
(2) § 60.17 Minimum safe altitudes.
(3) § 60.18 Operation on and in the vicinity of an airport.
(4) § 60.23 Aircraft lights.

(b) Deviation from other sections of this part may require approval by authority higher than the local Aviation Safety agent, and the application for such deviation should be submitted sufficiently in advance of the contemplated operation to allow time for the additional approval procedure to be completed. Normally, ten days is sufficient time to complete the approval procedure for such deviations.

§ 60.1-2 *Terms and conditions of a certificate of waiver (CAA policies which apply to § 60.1 (b)).* A Certificate of Waiver or Authorization, Form ACA-663, which authorizes noncompliance with one or more sections of this part for a special flight operation will be subject to the following terms and conditions:

(a) *Authorization.* The certificate will authorize noncompliance with only those sections of the Air Traffic Rules listed on the certificate. It will not relieve the holder from compliance with any state or local law or ordinance which may apply to the operation.

(b) *Duration.* The certificate will contain an expiration date to allow ample time for completion of the operation, not to exceed one year. It may be surrendered by the holder or cancelled by the Administrator at any time.

(c) *Special provisions.* (1) The certificate will contain such special provisions as the approving agent may deem necessary in the interest of safety and appropriate to the operation to be performed. Examples of special provisions which may be placed in the certificate are:

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(i) A thorough inspection of the aircraft, engine, and special equipment shall be made prior to each day's operation.

(ii) A planned course of action shall be followed with emphasis on selection of available emergency landing areas.

(iii) A capable and experienced pilot holding at least a commercial rating shall be used as pilot.

(iv) Appropriate officials of the community involved shall be notified prior to the beginning of the operations.

(v) Air Traffic control for the area involved shall be notified prior to the beginning of the operations.

(d) In addition, specific installations or precautions will be required where they are deemed necessary to insure safety during the use of special equipment, or necessary for the particular areas or types of operation involved.

§ 60.1-3 *Certificate of waiver for air shows, meets, races, etc. (CAA policies which apply to § 60.1 (b)).* The following policies, in addition to those contained in § 60.1-2, apply to a Certificate of Waiver or Authorization for an air show, air meet, air race, or other aeronautical demonstration for which noncompliance with any provision of this part is necessary.

(a) *Authorization.* Authorization will be issued only when the air show, meet, race, or other aeronautical demonstration will contribute directly to the advancement of, and public confidence in, aviation. The certificate will be issued only to an applicant who is directly in charge of the flight operation and responsible for compliance with the conditions of the waiver.

(b) *Acts for which authorization will not be granted.* Approval will not be given for the following acts:

(1) Intentional aircraft crashes.
(2) Dog fighting.
(3) "Crazy" flying.
(4) Acrobatics not under direct control, communications provided by the applicant.
(5) Acrobatics or inverted flight below an altitude of 100 feet.
(6) Flight closer than 500 feet horizontally to the spectators.

(c) *Special provisions.* The certificate may contain any of the following provisions:

(1) All acts shall be approved in writing by the local agent before they may be performed.
(2) Participants in a specific act shall, if required by the local agent, demonstrate competency to perform the act prior to approval.
(3) First aid and fire fighting equipment shall be immediately available at the location of the demonstration.
(4) Provisions shall be made for control of spectators.
(5) The applicant shall establish a central operations point from which activities will be directed, and he or his representatives shall be immediately available at this point during activities.
(6) The applicant shall provide means to advise all participants that an activity has been halted.
(7) An activity shall be halted when unauthorized persons enter the operations area, or for any other reason in the interest of safety.
(8) No aircraft will be flown closer than (specified distance) horizontally to spectators.
(9) Acrobatics or inverted flight will not be demonstrated lower than (specified altitude).
(10) No object will be dropped from an aircraft if the object will land within (specified distance) from spectators.
(11) A closed field signal, readily seen from an altitude of 3,000 feet, (large white "X") shall be displayed on the landing area when the activities are in progress.

(12) A physical barrier shall be provided to confine spectators to designated areas.

(13) A deadline readily visible to the participants, shall be provided to insure that aircraft will maintain the approved horizontal distance from the spectators.

(14) The holder shall notify the nearest CAA Airways Communication Station of the date, time, place, nature, and duration of the operations and request that an appropriate Notice to Airmen be disseminated.

(15) The course and pylons for races shall be located and spaced to provide protection to persons and property on the ground.

(16) The holder shall, prior to beginning activities, submit to the approving agent a written statement, signed by all participants that they have read and understand the conditions of the certificate of waiver.

(17) All participants shall be briefed on special field rules, and the manner and order of events before beginning activities.

(18) Clearance for all participating pilots and aircraft shall be obtained from the approving agent before beginning activities.

(19) All aircraft and special equipment shall be inspected prior to each day's operation.

(20) Any other special provisions which the approving agent may deem necessary in the interest of safety.

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§ 60.1-4 *Application for waiver (CAA policies which apply to § 60.1 (b)).* An applicant for a Certificate of Waiver or Authorization for any special flight operation should comply with the following procedure:

(a) Obtain two copies of an Application for Certificate of Waiver, Form ACA-400, from the local Aviation Safety district office.

(b) Fill out both copies of the application as follows:

(1) Type or print in ink.

(2) Give complete information on items 1 through 7 (items 1 through 13 for air shows).

(3) List, under item 3, all sections of this part for which a waiver is required.

(4) Sign both copies of the completed application on the reverse side in the space provided for the applicant's signature.

(c) Submit both copies of the application to the local Aviation Safety agent.

(d) Arrange with the local Aviation Safety agent for inspection of aircraft, aircraft records, personnel, etc., as appropriate for the operation involved.