CAR PART 20.--PILOT CERTIFICATES

The following amendments, together with Amendment Sheets Nos. 1, 2, 3, 4 and 5, correct Civil Air Regulations Part 20.--Pilot Certificates (effective May 1, 1940, as amended) to March 15, 1941.

****

AMENDMENT NO. 99: Flight Area Limitations (effective April 1, 1941).

Section 20.56 is amended to read as follows:

20.56 FLIGHT AREA LIMITATIONS.

(a) No student pilot shall make a solo flight outside of an area, in the vicinity of the operating base of his instructor, prescribed in writing by the person directly in charge of the landing area on which the instructor's operating base is located and approved by the local inspector of the Administrator, unless such student pilot has been certified for cross-country solo flights.

(b) No student pilot certified for cross-country solo flights shall make a solo flight outside of the area, within a 50 mile radius of the operating base of his instructor, prescribed in writing by the person directly in charge of the landing area on which the instructor's operating base is located and approved by the local inspector of the Administrator: Provided, That a certificated flying school may prescribe in writing an area within a 100 mile radius of its operating base and, upon approval of said area by the local inspector of the Administrator, a student pilot enrolled in the flight curriculum of said school and certified for cross-country solo flights may fly solo within such area at the direction of said flying school.

(c) No limited-commercial pilot shall pilot an aircraft carrying persons for hire outside of the area within a radius of 10 miles of a particular operating base named in his Airman Rating Record: Provided, That upon 10 days' notice to and approval by the Administrator, said area specified in such record may be changed to a different area.

(d) No person shall operate an aircraft in solo flight outside the flight areas specified in his pilot certificate or Airman Rating Record.

(e) Flight area designations submitted to the local inspector under subsections (a) and (b) hereof shall be deemed approved by him unless the person submitting the designations is otherwise notified by the inspector within 15 days from the date of submission.

AMENDMENT NO. 101: Amending Aeronautical Skill Requirements For Private and Commercial Pilot Certificates (effective March 11, 1941).

1. Section 20.127 is amended to read as follows:

20.127 AERONAUTICAL SKILL. Applicant shall satisfactorily demonstrate his ability to pilot aircraft in solo flight and, in addition to normal take-offs, turns, and landings, to perform satisfactorily the following maneuvers:

(a) A series of three landings from an altitude not to exceed 1,000 feet, with engine throttled and a 180 degree turn, the aircraft touching the ground in normal landing attitude beyond and within 300 feet of a line or point designated by the examining inspector for the Administrator.

(b) A spiral in each direction of not less than three full turns, in a banked attitude of not less than 60 degrees, with engine throttled.

(c) The following three maneuvers: (1) three shallow figure eights either "on pylon" or "around pylon"; (2) three steep figure eights either "on pylon" or "around pylon"; and (3) one 720 degree power turn in each direction in a banked attitude of at least 60 degrees. During each of these maneuvers the total variation in altitude shall not exceed 200 feet.

(d) A right-hand and a left-hand spin, each of at least one full turn. [4]

(e) Coordination exercises, straight climbs, climbing turns, slips and emergency maneuvers such as simulated forced landings, recovery from stalls entered from both level and steeply banked attitudes, and such other maneuvers as the examining inspector for the Administrator may deem necessary and appropriate to demonstrate the competency of the applicant for the certificate or rating sought.

(f) Under ordinary circumstances, none of the maneuvers provided for in § 20.127 shall be disregarded, but any such maneuver may be modified or eliminated by the examining inspector for the Administrator if such action is appropriate to the special characteristics of the aircraft used in the test. In any such case the applicant shall be limited to the particular makes and models, or general types, of aircraft specified in his Airman Rating Record.

4 At his discretion, the examining inspector may ride with the applicant during these maneuvers or may permit a certificated instructor to do so.

2. Section 20.147 is amended to read as follows:

20.147 AERONAUTICAL SKILL. Same as in § 20.127 except as follows:

(a) In the maneuvers required by § 20.127(a), the aircraft shall touch the ground within 200 feet beyond the line or point designated.

(b) In each of the maneuvers required by § 20.127(c) the total variation in altitude shall not exceed 100 feet.

(c) In the spins required by § 20.127(d), the applicant shall perform a two-turn spin in each direction with an error of not more than plus or minus 10 degrees.

3. Strike Note 13 to section 20.60(b) and substitute in lieu thereof the following:

13. This section does not permit a person limited to the operation of aircraft incapable of spinning under §§ 20.107 and 20.127(f) to operate aircraft which are capable of spinning, nor does it permit persons, who, by reason of physical deficiencies or for other reasons, have been limited under § 20.124 to the operation of a particular make or model of aircraft or a general type of aircraft, to operate other makes or models or other general types.

oOo

U. S. GOVERNMENT PRINTING OFFICE : 1941 - O-305111