

TIMES.

STC SA12AL, amended January 29, 1969

STODDARD AUXILIARY FUEL TANKS

STODDARD AERO SERVICE
2550 East Fifth Avenue
Anchorage, Alaska 99501

FAA APPROVED

AIRPLANE FLIGHT MANUAL SUPPLEMENT

TO

PIPER PA-20, PA-20-115, PA-20-135, PA-22,
PA-22-108, PA-22-135, PA-22-150, PA-22S-150,
PA-22-160, PA-22S-160

AIRPLANE FLIGHT MANUAL

FAA Approved:

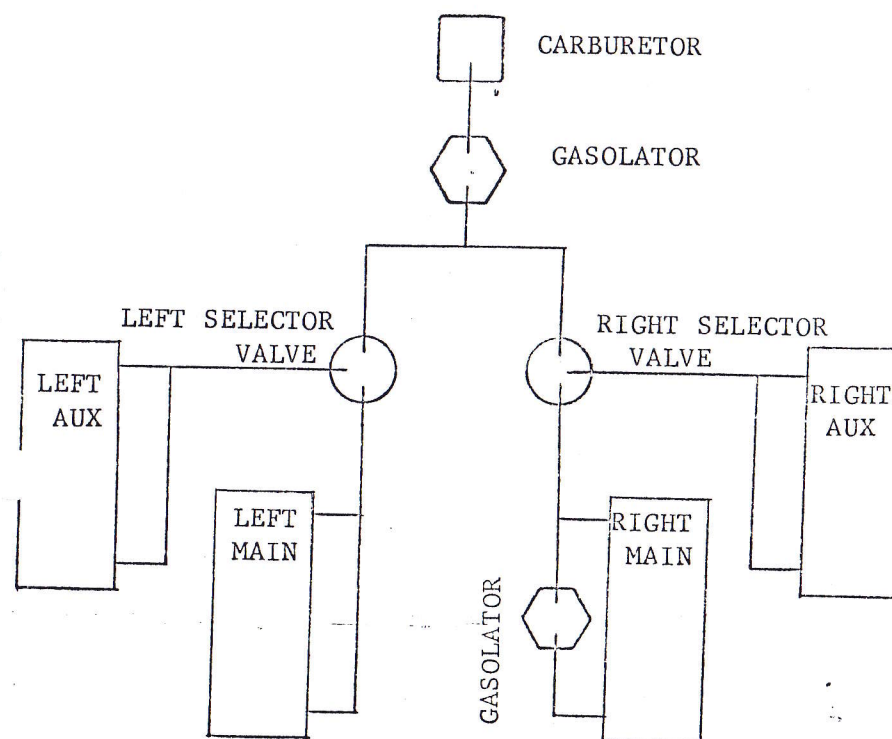
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Date: January 29, 1969

SCHEMATIC

Fuel system for PA-20 and PA-22 airplanes with
Stoddard Auxiliary tanks.



I. LIMITATIONS

The following limitations must be observed in the operation of this airplane when Stoddard Aero Service auxiliary tanks are installed in accordance with STC SA12AL.

A. Use auxiliary tank(s) in level flight only--one at a time.

B. Placards:

1. Tank selector valves--each appropriate selector position will be placarded as follows:

<u>Left Selector</u>	<u>Right Selector</u>
Left main	Right main
Off	Off
Left aux.	Right aux.

NOTICE: The seaplane gross weight and related useful load of PA-20S airplanes and PA-22S airplanes up to 135 hp is so restrictive as to render provisions for the carriage of auxiliary fuel useless. Therefore, these airplane models are not approved for auxiliary fuel in the seaplane configuration. If land planes of these models have auxiliary fuel tanks installed, the tanks must be placarded against use during seaplane operation. Accordingly, in seaplane configuration, the selector valve auxiliary tank(s) position must be placarded as follows:

"DO NOT USE"

The color of the placard material will be in red.

2. Filler caps--placard the auxiliary tank(s) filler caps as follows:

<u>Model</u>	<u>Placards</u>
PA-20, PA-20-11S, PA-20-135, PA-22 PA-22-108, PA-22-135 PA-22-150, PA-22S-150	80/87 min. 12 U. S. gal.
PA-22-160 PA-22S-160	91/96 min. 11 U. S. gal.

II. GENERAL

- A. It is the responsibility of the pilot to insure that the airplane is properly loaded.
- B. Addition of any new equipment or revision of any existing equipment may require the installation of a placard limiting the total amount of fuel that may be carried.

III. PROCEDURES

- A. Use main tank for takeoff, landing, climb, and let-down. Use auxiliary tanks in level flight, cruise only.
- B. Main tank will be turned off when operating on an auxiliary tank. Operate from one tank at a time.

NOTICE

The information in this document is FAA approved and is applicable when the aircraft models listed herein are modified by the addition of Stoddard Aero Service auxiliary fuel tank(s) in accordance with STC SA12AL amended January 1969.

This document and the basic Airplane Flight Manual must be carried in the airplane at all times.

The information in this document supersedes the basic manual only where covered in the items contained herein. For limitations, procedures, and performance not contained in this supplement, consult the manual proper.