

BRITTAIN INDUSTRIES
FAA APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT
TO
PIPER MODEL PA24-250
AND
PIPER MODEL PA24-260 (4 PCLM)
S/N 24-3642, 24-4000 THRU 24-4246
AND 24-4248 THRU 24-4299
AIRPLANE FLIGHT MANUAL(S)
FOR
15 GALLON WING TIP FUEL TANK INSTALLATION

This aircraft is equipped with Mark II Wing Tip Tanks (Part #4009), 15 Gallons each, and must be operated in compliance with the limitations herein.

I. LIMITATIONS SECTION

Same as prescribed in applicable FAA Approved Airplane Flight Manual except:

1. C.G. Range - No change from original.
2. Auxiliary Wing Tip Tank Fuel to be used in level flight only.
3. Maximum allowable gross weight is increased to 3000 pounds.
4. Va reduced to 129 MPH. All other speeds remain unchanged.

II. PROCEDURE SECTION

Same as prescribed in applicable FAA Approved Airplane Flight Manual except:

1. If unsymmetrical fuel loading occurs in flight, no landing difficulties will be experienced as adequate control is available.
2. When parking aircraft, turn one fuel selector valve to OFF position to prevent transfer of fuel.
3. If the wing tip tank fuel cells and associated plumbing have been completely drained of fuel and the tanks subsequently filled, it is possible to trap a small volume of air in the fuel line leading from a selector valve to the tip tank. To purge the line of any possible air pocket subsequent to refuelling the wing tip tanks, accomplish either of the following procedures:

N _____

FAA Approved:
Date: 9/24/68

Revision (A) 10/9/68

- A. Place the left fuel selector valve in the "OFF" position and the right fuel selector valve on "Tip Tank". Drain the sump, or fuel filter assembly, until a free flow of fuel is established by visually observing the flow through the clear plastic tubing. Repeat process for draining left tip tank and associated plumbing.

OR

- B. After starting engine, and prior to taxiing, feed separately and alternately from the left tip tank only and then from the right tip tank only for a period of one minute each. Return fuel selector system to main tanks for taxi, take-off and climb.

4. When any tank is run dry, position that fuel selector valve to "OFF" position or to a tank with fuel remaining. Do not leave tank selector valves on an empty tank position.

III. PERFORMANCE

Same as prescribed in applicable FAA Approved Airplane Flight Manual except:

1. STALLS - A minimum of 130 feet of altitude is required to recover from POWER OFF stalls.

FAA Approved: _____

Items denoted by "A" Bar Incorporated by Revision dated 10/9/68

Approved: _____

Anthony
Chief, Aircraft Engineering Division
Western Region
Federal Aviation Administration

Date: 9/24/68

BRITAIN INDUSTRIES

20406

Page 2 of 2 pages