

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

A-800
Revision 11
Piper Aircraft, Inc

PA-15

August 7, 2006

AIRCRAFT SPECIFICATION NO. A-800

Type Certificate Holder Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, Florida 32960

Type Certificate Holder Record The New Piper Aircraft, Inc transferred TC A-800 to Piper Aircraft, Inc on August 7, 2006.

I- Model PA-15, 2 PCLM (Normal Category), Approved July 1, 1948

Engine Lycoming O-145-B2

Fuel 80 minimum octane aviation gasoline

Engine Limits For all operations, 2550 r.p.m. (65 hp)

Airspeed Limits Maneuvering 87 mph (76 knots)
(True Indicated) Max. Structural Cruising 100 mph (87 knots)
Never exceed 126 mph (110 knots)

C. G. Range (+12.5) to (+19.0)

Empty Weight C. G. Range (+12.9) to (+17.6)
When empty weight C. G. falls within this range, computation of critical fore and aft C. G. positions is unnecessary. Range is not valid for non-standard arrangements.

Datum Wing leading edge

Leveling Means Plumb from hole in upper door channel to center punch mark on front seat cross tube.

Maximum Weight 1100 lbs.

Number of Seats 2 (+22)

Maximum Baggage 40 lbs. (+48)

Fuel Capacity 12 gallons (-9) fuselage tank

Oil Capacity 1 gallon (-31)

Control Surface Elevator Trim Tab 25° Up 41° Down
Movements Elevator 24° Up 23° Down
Aileron 17° Up 17° Down
Rudder 16° Left 16° Right

Serial Numbers Eligible 15-1 and up

Required Equipment In addition to the pertinent required basic equipment specified in CAR 3, the following items of equipment must be installed:
Landplane: Items 1, 201(a), 202(a), 204(a), and 401(a).
Skiplane Items 1, 208, 211, 401(a), and 401(b).

Page No.	1	2	3
Rev. No.	11	11	11

Specifications Pertinent to All ModelsCertification Basis Type Certificate No. 800 (CAR 3)Production Basis Approved for manufacture of spare parts only under Production Certificate No. 206.Export Eligibility Deleted as of - August 14, 1995.Equipment

A plus (+) or minus (-) sign preceding the weight of an item of equipment indicates net weight change when that item is installed.

Approval for the installation of all items of equipment listed herein has been obtained by the aircraft manufacturer except those items preceded by an asterisk (*). The asterisk denotes that approval has been obtained by someone other than the aircraft manufacturer. An item marked with an asterisk may not have been manufactured under an FAA monitored or approved quality control system, and therefore attention should be paid to workmanship and conformity with pertinent data called for in this specification.

Propellers and Propeller Accessories

1. Propeller - Sensenich 70LY34, 70LY38, or any other fixed-pitch wood propeller which is eligible for the engine power and speed and which meets the following limits: +11 lbs. (-44)
- Static r.p.m. at max. permissible throttle setting:
Not over 2370, not under 2110.
No additional tolerance permitted.
Diameter: Not over 70 inches, not under 66 inches.

Engines and Engine Accessories - Fuel and Oil Systems

- *101. Auxiliary fuel tank (6 gallon capacity) installed in accordance with Kit and Dwg. P-17 and P-17-1 supplied by J. J. Villnove, 5607 Virginia, Kansas City, Missouri. +6 lbs. (+24)

Landing Gear

201. Two main wheel-brake assemblies, 8.00-4, Type III +10 lbs. (0)
- (a) Goodrich Model 841A
Wheel Assembly #D-3-13-A-1
Brake Assembly #D-2-113
202. (a) Two main wheel 4 ply-rating tires, 8.00-4, Type III with regular tubes +21 lbs. (0)
The following placard required: "Tire Pressure 11 lbs."
204. Tail wheel assembly +6 lbs. (+167)
- (a) Scott Model 3000-A1, Steerable
- *208. Two skis Use Actual Weight Change
- (a) Wollam W1650
(b) Federal A-1500, A-1500A, A-1850, A-2000, A-2000A per Federal Dwg. 11R262 with Item 211 or 212 installed.
(c) Federal CA-1850-8 per Federal Dwg. 11R262
(d) Wesco per Western Aircraft Equipment Co. Dwg. Nos. 12 and 148:
(1) A-15, (2) A-20, (3) A-25, (4) AS-2, (5) AS-2A or (6) AS-2B.
- *210. Consolidair Model 17 wheel fenders installed in accordance with Consolidair Dwg. No. 0045. +9 lbs. (0)
211. Two shock struts installed in accordance with Piper Dwg. 11550. +5 lbs. (0)
- *212. Two L.C.N. shock struts per L.C.N. Corp. Dwg. No. 11550 and +10 lbs. (0)
Installation Instructions No. A-49101.
Each shock strut must either have a CAA Form ACA-186 attached, or be identified with the symbol "CAA-PMA" or "FAA-PMA"
- *213. La Tour wheel fenders installed in accordance with La Tour Dwg. LAP-1700 and Installation Instructions. Use Actual Weight Change

Electrical Equipment

301. Landing lights in wing leading edge installed in accordance with Piper Dwg. 12534. +4 lbs. (+5)

Interior Equipment

401. (a) Airplane Flight Manual, CAA (FAA) Approved July 1, 1948.
(b) Skiplane Supplement to manual as follows:

"Performance Information with Ski Installation:

Climb: Skiplane climb performance is essentially equal to that of the landplane.

Take-off and landing: Under the most favorable conditions of smooth packed snow, temperatures approximating 30°F, skiplane take-off distance is essentially equal to the landplane distance. Landing distance is approximately 20% greater than the landplane distance. In applying the performance data, caution should be exercised in that lower temperatures or other snow conditions will increase the ski friction and hence increase the take-off run and decrease the landing run."

402. Dual controls installed in accordance with Piper Dwg. 11810. +10 lbs. (+10)

NOTE 1. Current weight and balance report including list of equipment included in certificated weight empty, and loading instructions when necessary, must be in each aircraft at the time of original certification and at all times thereafter (except in the case of air carrier operators having an approved weight control system).

NOTE 2. The following placards must be displayed on the instrument panel in full view of the pilot:

- (a) "This airplane must be operated in accordance with the operating limitations specified in the CAA Approved Airplane Flight Manual."
- (b) "Operate in Normal Category in compliance with Approved Flight Manual. Acrobatics (including spins) Prohibited."
- (c) "No Smoking."

.....END.....