

FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR
PIPER PA-23
WITH
INSTALLATION OF LYCOMING 0-360-A1D ENGINE AND HARTZELL PROPELLER
HC-C2YK-2RB/7666A-2 OR HC-C2YK-2CUF/FC7666A-2 OR
HC-C2YR-2RBF/F7666A-4Q OR HC-C2YK-2CUF/FC7666A-4Q

REGISTRATION NO. N2018P
SERIAL NO. 23-590

This Supplement must be attached to the applicable FAA Approved Airplane Flight Manual when Lycoming 0-360-A1D engines and (1) the wing structural modifications are installed in accordance with STC No. SA899SW, (2) when the dorsal fin and square rudder are installed in accordance with STC No. SA671SW and (3) when the modified nose, gear doors, nacelle fairings and wing tips are installed in accordance with STC No. SA636SW. The information contained herein, supplements the information of the basic airplane flight manual; for limitations, procedures and performance data not contained in this document, consult the manual proper.

I. LIMITATIONS

Engine: Lycoming 0-360-A1D

Engine Limits (All Operations): 2700 RPM 180 HP

Fuel: 91/96 Octane Minimum

Propeller: Hartzell HC-C2YK-2RB/7666A-2 or HC-C2YK-2CUF/F7666A-2 or
HC-C2YR-2RBF/F7666A-4Q or HC-C2YK-2CUF/FC7666A-4Q

Pitch Settings: (30" Station) Low 14.5 Degrees High 80 Degrees (feathered)

Powerplant Instruments:

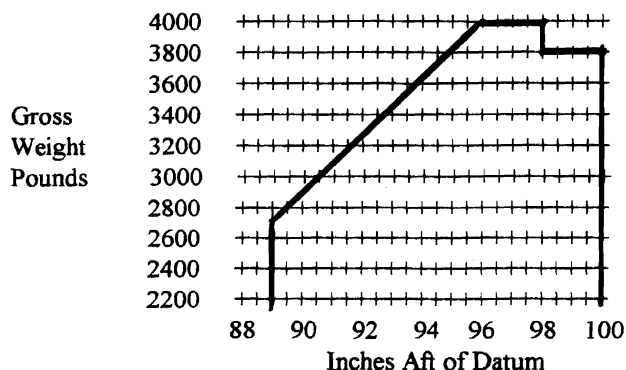
Oil Temperature	Red Line (Max)	245 Degrees F
	Green Arc	160 to 245 Degrees F
Tachometer	Red Line	2700 RPM
	Red Arc	2000 to 2250 RPM
Fuel Pressure	Green Arc	.5 PSI to 8 PSI
	Red Line	8 PSI

Placards: 1. AVOID CONTINUOUS OPERATION BETWEEN 2000 AND 2250 RPM
2. WHEN FIVE SEATS ARE INSTALLED, SEE WEIGHT AND BALANCE
FOR BAGGAGE CAPACITY AND LOADING SCHEDULE.

Airspeed limits (CAS) : Minimum Control Speed 84 MPH

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Weight / C.G. :



All weight above 3800 pounds to be in usable fuel in the outer panel tanks.

Maximum gross weight 4000 pounds.

II. PROCEDURES - No Change.

III. PERFORMANCE

Performance is equal to or better than that given for the unmodified Model PA-23.

* The following STC's may be installed in any combination:

- | | |
|----------|---|
| SA362SW | Rear Baggage Compartment |
| SA371SW | Fiberglass Nose Cone |
| SA452SW | Third Window |
| SA461SW | Rams Horn Control Wheel |
| SA462SW | One Piece Windshield |
| SA463SW | Wheel Well Doors |
| SA497SW | Engine Nose Cowls |
| SA498SW | Dual Brakes |
| SA499SW | Engine Nacelle and Wing Root Fairings |
| SA636SW | Nose, Gear Doors, Nacelle Farings and Wing Tips |
| SA1294SW | Fiberglass Tail Cone |
| SA4466SW | Fiberglass Engine Cowlings |
| SA5918SW | One Piece Slope Windshield |

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DATE

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