

NOW 260 HP OPTIONAL for the PIPER PAWNEE



SPECIFICATIONS

	FIXED PITCH PROPELLER			CONSTANT SPEED PROPELLER		
	Without dispersal equipment	Duster	Sprayer	Without dispersal equipment	Duster	Sprayer
Engine	Lycoming O-540					
HP & RPM	260 at 2700					
Gross weight (lbs.)	2900	2900	2900	2900	2900	2900
Empty weight (lbs.)	1472	1531	1540	1488	1547	1556
Useful load (lbs.)	1428	1369	1360	1412	1353	1344
Wing span (ft.)	36.2	36.2	36.2	36.2	36.2	36.2
Wing area (sq. ft.)	183	183	183	183	183	183
Length (ft.)	24.7	24.7	24.7	24.7	24.7	24.7
Height (ft.)	7.2	7.2	7.2	7.2	7.2	7.2
Propeller diameter (in.)	84	84	84	84	84	84
Power loading (lbs./hp.)	12.3	12.3	12.3	12.3	12.3	12.3
Wing loading (lbs./sq. ft.)	15.8	15.8	15.8	15.8	15.8	15.8
Fuel capacity (gals.) (36 gals. usable)	38	38	38	38	38	38

PERFORMANCE

	FIXED PITCH PROPELLER			CONSTANT SPEED PROPELLER		
	Without dispersal equipment	Duster	Sprayer	Without dispersal equipment	Duster	Sprayer
Cruising range (miles, 75% power)	285	230	265	290	230	265
Top speed, sea level (mph)	128	113	120	128	113	120
Cruising speed (mph, 75% power)	115	100	106	116	100	106
Stalling speed, max. gross, flaps down (mph)	61	61	61	61	61	61
Stalling speed as usually landed (mph) (1700 lbs.)	46	46	46	46	46	46
Take off run (ft.)	730	890	740	660	830	680
Take off over 50' barrier (ft.)	1250	1420	1270	1200	1370	1220
Landing roll, max. gross (ft.)	850	850	850	850	850	850
Best rate of climb speed (mph)	83	83	83	83	83	83
Rate of climb (fpm)	755	555	685	775	575	705
Fuel consumption (gph, 75% power)	14.1	14.1	14.1	14.1	14.1	14.1

INCREASED GROSS WEIGHT APPROVED FOR BOTH PAWNEE C 235 AND 260

At the operator's discretion, and under proper conditions, an increased gross weight is approved under CAM-8 for both the Pawnee C 235 and 260.

For full details and all features of the Piper Pawnee C be sure to see the full Pawnee C brochure.

PIPER

AIRCRAFT CORPORATION
Lock Haven, Pa. 17745



NOW WITH 260 HORSEPOWER OPTIONAL

PIPER

PAWNEE



MORE EXCEPTIONAL PERFORMANCE FOR THE MOST EXCEPTIONAL AG PLANE

Now the ruggedized 260 horsepower Lycoming O-540-E engine is offered in the Pawnee C as an optional choice in addition to the 235 horsepower Lycoming. This extra power plus optional constant speed propeller provides a touch of extra performance for those hot days; and easier operations with maximum load from shorter fields.

NEW, IMPROVED ENGINE INSTALLATION FOR THE MOST RUGGED CONDITIONS

With both power choices, the new Pawnee C is designed for perfectly normal engine operation *in the hottest weather.*

The Pawnee C engine installation includes asbestos-covered oil lines and electrical wires, high temperature shielded ignition system, new 13-vane oil radiator, and 37 amp alternator. (See the Pawnee C brochure for details on all the other Pawnee C design features and improvements.)

QUICK DUSTER/SPRAYER CHANGEOVER MAKES THE PAWNEE C THE "QUICK CHANGE" AG PLANE

With the Pawnee C you can change from dust to spray or spray to dust in *less than five minutes* with only a screwdriver. Most operators can do it in three minutes! And one man can completely remove the spray booms in less than five minutes. The Pawnee continues to lead the field as the "QC" ag plane.

CHOOSE YOUR POWER BUT, BY ALL MEANS, CHOOSE THE PIPER PAWNEE C

—the ag plane that's right. Right for the farmer, the operator, the pilot.

(SEE REVERSE SIDE FOR 260 HP SPECIFICATIONS AND PERFORMANCE FIGURES)

1970 PIPER PAWNEE



PA-25 235
\$18,990

PA-25 260
\$19,490

Prices are FAF Lock Haven, Pa.; delivery and local taxes extra.

STANDARD EQUIPMENT

ENGINE:	
Lycoming O-540 235 hp 6 cylinder, dual ignition (High temperature shielded ignition harness)	or Lycoming O-540 260 hp 6 cylinder, dual ignition (High temperature shielded ignition harness)
Adjustable seat (fore & aft and vertically); utility compartment under seat	Non-corrosive hopper tank—21 cu. ft. capacity, 150 gal.
Airspeed	Oil temperature and pressure gauge
Ammeter	Parking brake
Balanced rudder and elevators	Quick-change boom brackets
Cabin heater	Quick drain gascolator
Cabin ventilating fan	Quick drain oil sump
Carburetor air filter and heater	Quick dump valve—empties liquid chemical load in 5 seconds; dry chemical load takes slightly longer
Circuit breakers	Quick release hinge pins in left and right side windows. "T" handles mounted on left and right sides of instrument panel
Compass	Recording tachometer
Cool air vents—adjustable	Sensitive altimeter
Duraclad finish	Stainless steel exhaust muffler
8" Scott steerable tail wheel	Tie-down rings
Electrical system—starter	Top-deck loading door
37 amp alternator; 12 volt 25 amp hour battery; battery charging diode	Top of rear fuselage quickly removable
Fuel shut-off valve	Large oil cooler
Heavy-duty safety belt and shoulder harness with inertia reel	2 main 8.00 x 6 tires, 4-ply rated with toe actuated Cleveland type brakes
Isolation bulkhead between fuel tank and cockpit	Windshield wire cutter
Landing gear air/oil oleo shock absorbers	Wire cutters on landing gear
Wing flaps	Wire deflector—cabin to vertical fin
Metal propeller	Wing fillets and tail brace wires
Metal propeller spinner	
Mixture control with ratchet lock	
Polyurethane rubberized fuel cell—38 gallon capacity	

PA-25-235 Standard empty weight 1420 lbs.

PA-25-260 Standard empty weight 1472 lbs.

STANDARD COLOR COMBINATIONS

Exterior—Juneau White with Pontiac Red;
Interior—Pontiac Red with Black trim.

AGRICULTURAL DISPERSAL EQUIPMENT

Low output spray (24 nozzles) with quick change pump	\$780
High output spray (44 nozzles) with quick change pump	935
Duster with quick change distributor	700
Combination unit with low output spray with quick change pump and distributor	1435
Combination unit with high output spray with quick change pump and distributor	1590
Side loading	150

OPTIONAL EQUIPMENT

Radio—Mark B	1075
Omni-navigation with localizer plus Omni antenna and whip, headphone and mike, Transistorized power supply.	-
Oil filter—full flow	45
*Landing lights	65
*Navigation lights	95
*Rotating beacon	150
*Electric turn and bank	210/260**
Metallization	440
Control lock	22
Fire extinguisher (hand)	32
Fire extinguisher (engine compartment)	135
Constant speed propeller (PA-25-260 only) (exchange)	745

*Approved under Part 8

**Turn and bank \$210 when added to 235 or 260 Pawnee without constant speed prop.; \$260 when added to 260 Pawnee with constant speed prop.

Piper Aircraft Corporation reserves the right to make changes in specifications, materials, equipment or prices at any time without prior notice or to discontinue models as required. All prices are manufacturer's suggested prices. Optional equipment prices are based on installation at time of normal production.



WORLDWIDE EXCELLENCE IN CUSTOMER SERVICE

—available to Piper owners the world over, wherever this sign is displayed. Factory-trained mechanics and complete stocks of parts insure expert, reliable service.

PIPER
AIRCRAFT CORPORATION
Lock Haven, Pa. 17745

OPERATING FIGURES

**1970 PIPER
PAWNEE** 
235 horsepower

HOURLY DIRECT COSTS

Gas and Oil:	\$6.03
14 gal. per hr. @ 42¢ and oil including 50 hour oil change	
Inspection & Maintenance: (for normally equipped airplane)	1.66
Includes 100 hour inspection, parts, and normal maintenance	
Reserve for Engine & Propeller Overhaul:	1.85*
Engine overhaul at time recommended by manufacturer—1200 hrs.	
TOTAL HOURLY OPERATING COSTS	\$9.54

*Reserve for propeller overhaul and remanufactured exchange engine, \$2.75

ANNUAL INDIRECT COSTS

Hangar Rent @ \$35 per Month	\$420.00
*Insurance:	
Hull... All Risk... \$1,000 deductible in motion,	
\$250 deductible on the ground	
2789.55	
Single Limit Liability... \$100,000 (Property damage \$500 deductible)	
500.00	
TOTAL ANNUAL INDIRECT COSTS	\$3289.55

*Rates based on Pawnee C equipped with High Output Spray unit and priced at \$19,925.

**1970 PIPER
PAWNEE** 
260 horsepower

October 1, 1969

HOURLY DIRECT COSTS

Gas and Oil:	\$6.45
14 gal. per hr. @ 45¢ and oil including 50 hour oil change	
Inspection & Maintenance: (for normally equipped airplane)	1.66
Includes 100 hour inspection, parts, and normal maintenance	
Reserve for Engine & Propeller Overhaul:	1.85*
Engine overhaul at time recommended by manufacturer—1200 hrs.	
TOTAL HOURLY OPERATING COSTS	\$9.96

*Reserve for propeller overhaul and remanufactured exchange engine, \$2.99.

ANNUAL INDIRECT COSTS

Hangar Rent @ \$35 per Month	\$420.00
*Insurance:	
Hull... All Risk... \$1,000 deductible in motion,	
\$250 deductible on the ground	
2859.50	
Single Limit Liability... \$100,000 (Property damage \$500 deductible)	
500.00	
TOTAL ANNUAL INDIRECT COSTS	\$3779.50

*Rates based on Pawnee C equipped with High Output Spray unit and priced at \$20,425.

**1970 PIPER
PAWNEE**  **EQUIPPED WITH HIGH OUTPUT
SPRAY UNIT**
\$19,925

Annual Hours Flown	300	500	800	1,000	1,200
Direct Hourly Cost	\$9.54	\$9.54	\$9.54	\$9.54	\$9.54
Indirect Hourly Cost	10.96	6.57	4.11	3.29	2.74
Total Hourly Oper. Cost	\$20.50	\$16.11	\$13.65	\$12.83	12.28
For each additional \$1,000 worth of equipment added, insurance increases cost per hour	47c	28c	18c	14c	12c
Cost per Acre:					
60 acres/hr.	34c	27c	23c	21c	20c
70 acres/hr.	29c	23c	20c	18c	17c
80 acres/hr.	27c	20c	17c	16c	15c
90 acres/hr.	23c	18c	15c	14c	13c

**1970 PIPER
PAWNEE**  **EQUIPPED WITH HIGH OUTPUT
SPRAY UNIT**
\$20,425

Annual Hours Flown	300	500	800	1,000	1,200
Direct Hourly Cost	\$9.96	\$9.96	\$9.96	\$9.96	\$9.96
Indirect Hourly Cost	12.59	7.56	4.72	3.78	3.14
Total Hourly Oper. Cost	\$22.55	\$17.52	\$14.68	\$13.74	\$13.10
For each additional \$1,000 worth of equipment added, insurance increases cost per hour	47c	28c	18c	14c	12c
Cost per Acre:					
60 acres/hr.	37c	29c	24c	22c	21c
70 acres/hr.	32c	25c	21c	20c	18c
80 acres/hr.	28c	23c	18c	18c	17c
90 acres/hr.	25c	20c	16c	14c	15c

To determine depreciation for business purposes, consult your tax adviser to determine the applicable depreciation schedule.

All figures shown are a fair presentation of operating costs which may be expected. They are based on national averages, however, and are not to be construed as guaranteed cost figures.