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GENERAL SPECIFICATIONS

PERFORMANCE

Published figures are for standard airplanes flown at gross weight under standard conditions at sea level unless otherwise stated. Performance for a specific airplane may vary from published figures depending upon the equipment installed, the conditions of engine, airplane and equipment, atmospheric conditions and piloting technique. Each performance figure below is subject to the same conditions as on the corresponding performance chart from which it is taken in the Performance Charts Section.

GROSS WEIGHTS	3400	2900	
Takeoff Ground Run, 10° flaps, sea level (ft)	1325	750	
Takeoff Distance Over 50-ft Obstacle, 10° flaps, sea level (ft)	1900	1325	
Best Rate of Climb Speed (mph)	105	97	
Rate of Climb (ft per min)	775	1055	
Best Angle of Climb Speed (mph)	95		
Max Speed, sea level (mph)	164*	166*	
Max Speed Optimum Altitude 8,300 ft. 75% power (TAS) (mph)	153*	156*	
Service Ceiling (ft)	12,800	17,250	
Absolute Ceiling (ft)	14,750	19,000	
Cruise Speed at Best Power Mixture (mph)			
65% power, 11,200 ft	145	149	
55% power, 14,800 ft	133	143	
Range at Best Power Mixture (mi)**			
75% power, 8,300 ft	765	760	
65% power, 11,200 ft	835	892	
55% power, 14,800 ft	895	945	
Cruise Speed at Best Economy Mixture (mph)			
75% power, 8,400 ft at 3400 lbs, 8,300 ft at 2900 lbs	152	155	
65% power, 9,200 ft at 3400 lbs, 10,200 ft at 2900 lbs	143	149	
55% power, 14,800 ft	131	139	
Range at Best Economy Mixture (mi)**			
75% power, 8,400 ft at 3400 lbs, 8,300 ft at 2900 lbs	890	910	
65% power, 9,200 ft at 3400 lbs, 10,200 ft at 2900 lbs	965	1000	
55% power, 14,800 ft	1035	1100	
Stalling Speed, flaps down, (CAS) (mph)	63	58	
Stalling Speed, flaps up, (CAS) (mph)	71	66	
Landing Roll, flaps down, sea level (ft)	630	540	
Landing Distance Over 50-ft Obstacle, sea level, (ft)	1000	850	

^{*}The speed stated is with optional wheel fairings installed. Subtract 3 mph if wheel fairings are not installed.

GENERAL SPECIFICATIONS REVISED: OCTOBER 4, 1973

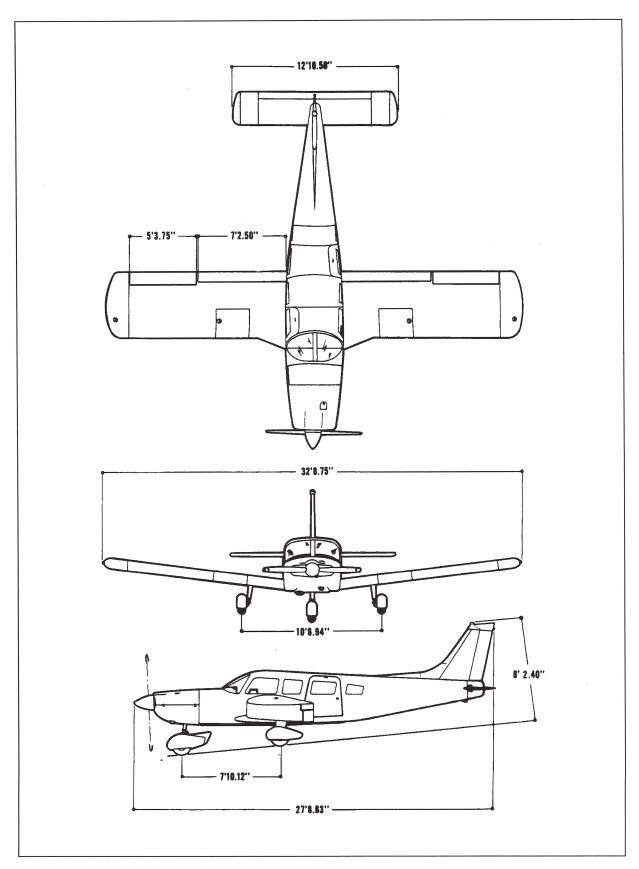
^{**}No reserve.

CHEROKEE SIX-260

GROSS WEIGHTS	3400	2900
WEIGHTS		
Standard Empty Weight (lbs) Maximum Useful Load (lbs)	1767 1633	1767 1133
POWER PLANT		
Engine - Lycoming Rated Horsepower Rated Speed (rpm) Bore (inches) Displacement (cubic inches) Compression Ratio Dry Weight (pounds) Oil Sump Capacity (qts) Propeller Propeller Diameter (inches)	HC-C2YK-1(HC-C2YK-1(O-540-E4B5 260 2700 5.125 541.5 8.5:1 397 12)/8477-2 or)F/F8477-2
FUEL AND OIL		
Fuel Capacity Main Tanks (U.S. gal) Fuel Capacity Tip Tanks (U.S. gal) Oil Capacity (qts) Fuel, Aviation Grade (min. octane)		50 34 12 100/130
BAGGAGE	Forward	Aft
Maximum Baggage (lbs) Baggage Space (cubic ft) Hat Shelf (cubic ft) Baggage Door Size (in)	100 8 16 x 22	100 20 2
DIMENSIONS		
Wing Span (ft) Wing Area (sq ft) Wing Loading (lbs per sq ft) Length (ft) Height (ft) Power Loading (lbs per hp.)		32.8 174.5 19.5 27.7 8.2 13.1

LANDING GEAR

Wheel Base (ft)		7.8
Wheel Tread (ft)		10.6
Tire Pressure (lbs)	Nose	28-30
	Main	35-40



GENERAL SPECIFICATIONS ISSUED: JULY 11, 1973