

# PERFORMANCE and SPECIFICATIONS

## MODEL 172 FLOATPLANE

GROSS WEIGHT: . . . . .	2220 lbs
SPEED:	
Top Speed at Sea Level and Rated RPM. . . . .	108 mph
Cruise, 75% Power at 6500 ft . . . . .	106 mph
RANGE:	
Cruise, 75% Power at 6500 ft . . . . .	485 mi
39 Gallons, No Reserve . . . . .	4.6 hr
Optimum Range at 10,000 ft. . . . .	106 mph
39 Gallons, No Reserve . . . . .	570 mi
6.5 hr . . . . .	88 mph
88 mph . . . . .	580 fpm
580 fpm . . . . .	12,000 ft
12,000 ft . . . . .	
RATE OF CLIMB AT SEA LEVEL . . . . .	
SERVICE CEILING . . . . .	
TAKE-OFF:	
Take-off Run . . . . .	1620 ft
Total Distance Over 50-ft Obstacle. . . . .	2390 ft
LANDING:	
Landing Run. . . . .	590 ft
Total Distance Over 50-ft Obstacle . . . . .	1345 ft
EMPTY WEIGHT: (Approximate). . . . .	1430 lbs
WING LOADING: Pounds/Square Foot . . . . .	12.8 lbs
POWER LOADING: Pounds/HP. . . . .	15.3 lbs
FUEL CAPACITY: Total . . . . .	42 gal. <i>1600</i>
OIL CAPACITY: Total . . . . .	8 qts
PROPELLER: Fixed Pitch, Diameter . . . . .	80 inches
POWER: Continental Engine . . . . .	
145 rated HP at 2700 RPM . . . . .	O-300-C
Model 172. . . . .	O-300-D
Skyhawk . . . . .	

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