

## PERFORMANCE - SPECIFICATIONS

**SPEED:**

Maximum at Sea Level . . . . .	125 KNOTS
Cruise, 75% Power at 8000 Ft . . . . .	122 KNOTS

**CRUISE:** Recommended lean mixture with fuel allowance for engine start, taxi, takeoff, climb and 45 minutes reserve at 45% power.

75% Power at 8000 Ft . . . . .	Range	485 NM
40 Gallons Usable Fuel . . . . .	Time	4.1 HRS
75% Power at 8000 Ft . . . . .	Range	630 NM
50 Gallons Usable Fuel . . . . .	Time	5.3 HRS
Maximum Range at 10,000 Ft . . . . .	Range	575 NM
40 Gallons Usable Fuel . . . . .	Time	5.7 HRS
Maximum Range at 10,000 Ft . . . . .	Range	750 NM
50 Gallons Usable Fuel . . . . .	Time	7.4 HRS

<b>RATE OF CLIMB AT SEA LEVEL . . . . .</b>	770 FPM
<b>SERVICE CEILING . . . . .</b>	14,200 FT

**TAKEOFF PERFORMANCE:**

Ground Roll . . . . .	805 FT
Total Distance Over 50-Ft Obstacle . . . . .	1440 FT

**LANDING PERFORMANCE:**

Ground Roll . . . . .	520 FT
Total Distance Over 50-Ft Obstacle . . . . .	1250 FT

**STALL SPEED (CAS):**

Flaps Up, Power Off . . . . .	50 KNOTS
Flaps Down, Power Off . . . . .	44 KNOTS

<b>MAXIMUM WEIGHT . . . . .</b>	2300 LBS
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**STANDARD EMPTY WEIGHT:**

Skyhawk . . . . .	1393 LBS
Skyhawk II . . . . .	1419 LBS

**MAXIMUM USEFUL LOAD:**

Skyhawk . . . . .	907 LBS
Skyhawk II . . . . .	881 LBS

<b>BAGGAGE ALLOWANCE . . . . .</b>	120 LBS
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<b>WING LOADING: Pounds/Sq Ft . . . . .</b>	13.2
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<b>POWER LOADING: Pounds/HP . . . . .</b>	14.4
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**FUEL CAPACITY: Total**

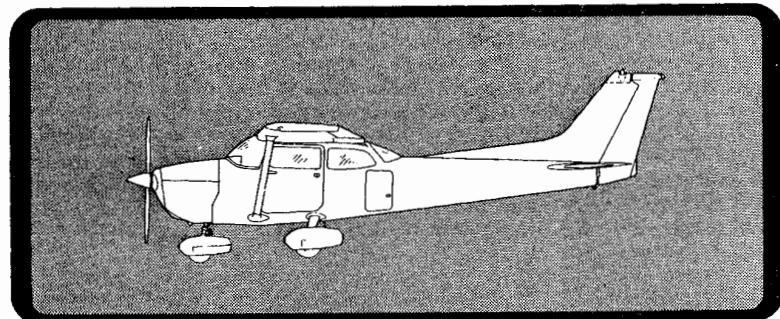
Standard Tanks . . . . .	43 GAL.
Long Range Tanks . . . . .	54 GAL.

<b>OIL CAPACITY . . . . .</b>	6 QTS
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<b>ENGINE: Avco Lycoming . . . . .</b>	O-320-H2AD
160 BHP at 2700 RPM	

<b>PROPELLER: Fixed Pitch, Diameter . . . . .</b>	75 IN.
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## PILOT'S OPERATING HANDBOOK



# SKYHAWK

1978 MODEL 172N

Serial No. \_\_\_\_\_

Registration No. \_\_\_\_\_

THIS HANDBOOK INCLUDES THE MATERIAL REQUIRED TO BE FURNISHED TO THE PILOT BY CAR PART 3

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