

1980 PA-32R-301
PIPER SARATOGA SP

ENGINE:

MODEL	LYC. IO-540- KIG5D
NO. CYLINDERS	6
DISPLACEMENT	541.5 CU. IN.
HP	300
CARBURETED OR FUEL INJECTED	FUEL INJECTED
FIXED PITCH/ CONSTANT SPEED PROPELLER	CONSTANT SPD.

FUEL:

FUEL CAPACITY	107 GALLONS
MIN. OCTANE FUEL	100
AVG. FUEL BURN AT 75% POWER IN STANDARD CONDITIONS PER HOUR	16 GALLONS

WEIGHTS AND CAPACITIES:

TAKEOFF/LANDING WEIGHT NORMAL CATEGORY	3,600 LBS.
TAKEOFF/LANDING WEIGHT UTILITY CATEGORY	N/A
STANDARD EMPTY WEIGHT	1,999 LBS. (EST.)
MAX. USEFUL LOAD NORMAL CATEGORY	1,601 LBS.
MAX. USEFUL LOAD UTILITY CATEGORY	N/A
BAGGAGE CAPACITY	200 LBS.
OIL CAPACITY	12 QUARTS

PERFORMANCE

DO NOT EXCEED SPEED	189 KCAS
MAX. STRUCTURAL CRUISING SPEED	150 KCAS
STALL SPEED CLEAN	60 KIAS
STALL SPEED LANDING CONFIGURATION	57 KIAS
CLIMB BEST RATE	1010 FPM
WING LOADING	20.2 LBS/SQ. FT.
POWER LOADING	12.0 LBS/HP
SERVICE CEILING	16,700 FT.