

<u>Center of Gravity Range</u>	(+84.0) to (+95.9) at 1650 lb. or less (+85.9) to (+95.9) at 1975 lb. (+89.2) to (+95.9) at 2200 lb. Straight line variation between points given.			
<u>Empty Weight C. G. Range</u>	None			
<u>Maximum Weight</u>	2200 lb.			
<u>No. of Seats</u>	4 (2 at +85.5, 2 at +118.1)			
<u>Maximum Baggage</u>	125 lb. at (+142.8) on S/N 28-1 through 28-1760, and 28-1760A. See NOTE 8. 200 lb. at (+142.8) on S/N 28-1761 through 28-4377.			
<u>Fuel Capacity</u>	50 gallons at (+95) (2 wing tanks) See NOTE 1 for data on system fuel.			
<u>Oil Capacity</u>	8 quarts at (+32.5), 6 quarts usable See NOTE 1 for data on system oil.			
<u>Control Surface Movements</u>	Wing flaps	(± 2°)	Up 0° Down 40°	
	Ailerons	(± 2°)	Up 30° Down 15°	
	Rudder	(± 2°)	Left 27° Right 27°	
	Stabilator	(± 2°)	Up 18° Down 2°	
	Stabilator Tab	(± 1°)	Up 3° Down 12°	
<u>Nose Wheel Travel</u>	(±1°) Left 30° Right 30° (Effective on S/N 28-1 through 28-3377, and 28-1760A) (±1°) Left 22° Right 22° (Effective S/N 28-3378 through 28-4377)			
<u>Manufacturer's Serial Nos.</u>	28-03; 28-1 through 28-4377; and 28-1760A.			

II - Model PA-28-150 (Cherokee), 4 PCLM (Normal Category), Approved June 2, 1961, for S/N 28-03; 28-1 through 28-4377; and 28-1760A.

<u>Engine</u>	Lycoming O-320-A2B or O-320-E2A with carburetor setting 10-3678-32			
<u>Fuel</u>	80/87 minimum grade aviation gasoline			
<u>Engine Limits</u>	For all operations, 2700 r.p.m. (150 hp)			
<u>Propeller and Propeller Limits</u>	Sensenich M74DM or 74DM6 on S/N 28-1 through 28-1760, and 28-1760A. Sensenich M74DMS or 74DM6S5 on S/N 28-1761 through 28-4377. Static r.p.m. at maximum permissible throttle setting not over 2375 r.p.m., not under 2275 r.p.m. No additional tolerance permitted. Diameter: Not over 74", not under 72.5".			
<u>Propeller Spinner</u>	Piper P/N 14422-00 on S/N 28-1 through 28-1760, and 28-1760A. Piper P/N 63760-04 or 65805-00 on S/N 28-1761 through 28-4377. See NOTE 11.			
<u>Airspeed Limits</u>	Never exceed	171 mph	(148 knots)	CAS
	Maximum structural cruising	140 mph	(121 knots)	CAS
	Maneuvering	129 mph	(112 knots)	CAS
	Flaps Extended	115 mph	(100 knots)	CAS