

I. **Model 172** (cont'd)

Propeller and Propeller Limits	<ol style="list-style-type: none"> 1. Propeller <ol style="list-style-type: none"> (a) McCauley 1A170/DM Static rpm at maximum permissible throttle setting: Not over 2360, not under 2230 No additional tolerance permitted Diameter: not over 76 in., not under 74.5 in. (b) Spinner, Dwg. 0550162 2. Propeller <ol style="list-style-type: none"> (a) Sensenich M74DR or 74DR Static rpm at maximum permissible throttle setting: Not over 2430, not under 2300 No additional tolerance permitted Diameter: not over 74 in., not under 72.0 in. (b) Spinner, Dwg. 0550162 3. Propeller <ol style="list-style-type: none"> (a) McCauley 1C172/MDM 7652, 53, or 55 30 lb. (-39.0) Static rpm at maximum permissible throttle setting: Not over 2350, not under 2250 No additional tolerance permitted Diameter: not over 76 in., not under 74.5 in. (b) Spinner, Dwg. 0550216 																				
*Airspeed Limits (CAS)	<table border="0"> <tbody> <tr> <td>Maneuvering 115 mph (100 knots)</td> <td></td> </tr> <tr> <td>Maximum structural cruising</td> <td>140 mph (122 knots)</td> </tr> <tr> <td>Never exceed 160 mph (139 knots)</td> <td></td> </tr> <tr> <td>Flaps extended</td> <td>100 mph (87 knots)</td> </tr> </tbody> </table>	Maneuvering 115 mph (100 knots)		Maximum structural cruising	140 mph (122 knots)	Never exceed 160 mph (139 knots)		Flaps extended	100 mph (87 knots)												
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Number of Seats	4 (2 at +36, 2 at +70) (For child's optional jump seat, refer to Equipment List.)																				
Maximum Baggage	120 lbs. (+95)																				
Fuel Capacity	42 gal. total, 37 gal. usable (two 21 gal. tanks in wings at +48) <i>See Note 1 for weight of unusable fuel and oil.</i>																				
Oil capacity	2 gal. (-20), includes 1 gal. unusable																				
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Serial Numbers Eligible	610, 612, 615, 28000 through 29999, 36000 through 36999 and 46001 through 46754																				