

VI. Model 35-A33, 4 PCLM (Utility Category) (cont'd)

Maximum Baggage	270 lbs. (+140) For weight and balance information, see Flight Manual.			
Fuel Capacity	<u>Tank</u>	<u>Capacity Gal.</u>	<u>Usable Gal.</u>	<u>Arm</u>
	L&R main	25 ea.	22 ea.	+75
	Optional fuel system (Item 106)			
	Wing aux. sys.	20	19	+94
	See NOTE 1 for data on unusable fuel.			
Oil Capacity	10 qt. (+26) See NOTE 1 for data on system oil.			
Control Surface Movements	Wing Flaps		Down	30°
	Aileron tab		Fixed	
	Aileron	Up	20°	Down 20°
	Rudder tab		Fixed	
	Rudder	Left	25°	Right 25°
	Elevator tab	Up	10°	Down 21°
	Elevator	Up	25°	Down 15°
Serial Nos. Eligible	CD-225 through CD-232, CD-235, CD-237 through CD-240, CD-242 through CD-245, CD-251 through CD-387			
Required Equipment	Items 5(a) and (b) or (c) and (d) or 7(a) and (b) or (d) and (c) or 10(a) and (b) or (c) and (d) or 11(a) and (b) and (c), 101(d) or (k) and (e) or (h), 102(b), 103, 201(a) or (b) or (c) or (d) or (g), 202(a) or (b) or (c), 205(b) or (c) or (d) or (e), 206(a) or (b), 301(c) or (d) or (g), 302(a) or (b) or (c), 304(b) or (c) or (e), 403(k), 403(ac) (when 22 gal. main fuel cells are installed per Item 616), 601(a).			

VII. Model 35-B33, 4 PCLM (Utility Category), approved October 3, 1961

Engine	Continental IO-470-K		
*Fuel	80/87 minimum grade aviation gasoline		
*Engine limits	For all operations	2600 rpm	(225 hp)
*Airspeed limits (TIAS)	Maneuvering	147 mph	(128 knots)
	Maximum structural cruising	185 mph	(161 knots)
	Never exceed	225 mph	(195 knots)
	Flaps extended (normal)	120 mph	(104 knots)
	Landing gear extended (normal)	165 mph	(143 knots)
*C.G. Range (landing gear extended)	(+82.1) to (+86.7) at 3000 lbs. (+77.0) to (+86.7) at 2500 lbs. or less Straight line variation between points given.		
Empty Weight C.G. Range	None		
*Maximum Weight	3000 lbs.		
No. of Seats	4 (2 at +85, 2 at +118)		
Maximum Baggage	270 lbs. (+140) For weight and balance information, see Flight Manual.		

VII. Model 35-B33, 4 PCLM(Utility Category) (cont'd)

Fuel Capacity	<u>Tank</u>	<u>Capacity Gal.</u>	<u>Usable Gal.</u>	<u>Arm</u>
	L&R main	22 ea.	22 ea.	+75
	Optional fuel system (Item 111)			
	L&R main	39 ea.	37 ea.	+75
	<i>See NOTE 1 for data on unusable fuel.</i>			
Oil Capacity	10 qt. (+26)			
	<i>See NOTE 1 for data on system oil.</i>			
Control Surface Movements	Wing Flaps		Down	30°
	Aileron tab		Fixed	
	Aileron	Up	20°	Down 20°
	Rudder tab		Fixed	
	Rudder	Left	25°	Right 25°
	Elevator tab	Up	10°	Down 21°
	Elevator	Up	25°	Down 15°
Serial Nos. Eligible	CD-388 through CD-813			
Required Equipment	Items 5(a) and (b) or (c) and (d) or 7(a) and (b) or (d) and (c) or 10(a) and (b) or (c) and (d) or 11(a) and (b) and (c), 101(d) or (k) and (e) or (f) or (h), 102(b), 103, 201(a) or (b) or (c) or (d) or (e) or (f) or (g) or (h), 202(a) or (b) or (c) or (d) or (e) or (f), 205(b) or (c) or (d) or (e), 206(a) or (b), 301(c) or (d) or (g), 302(c), 304(b) or (c) or (e), 403(m), 403(ac) (when two 22 or 37 gal. main fuel cells are installed per Item 606), 601(a).			

VIII. Model P35, 4 or 5 PCLM (Utility Category), approved October 20,1961

Engine	Continental IO-470-N		
*Fuel	Aviation gasoline Grade 100LL or 100 minimum		
*Engine limits	For all operations	2625 rpm	(260 hp)
*Airspeed limits	Maneuvering	148 mph	(129 knots)
	Maximum structural cruising	185 mph	(161 knots)
	Never exceed	225 mph	(195 knots)
	Flaps extended (normal)	120 mph	(104 knots)
	Landing gear extended (normal)	165 mph	(143 knots)
*C.G. Range (landing gear extended)	(+82.1) to (+85.7) at 3125 lbs. (+77.0) to (+85.7) at 2800 lbs. or less Straight line variation between points given.		
Empty Weight C.G. Range	None		
*Maximum Weight	3125 lbs.		
No. of Seats	4 (2 at +85, 2 at +121)		
	or	5 (2 at +85, 2 at +121, 1 at +140) when Item 605 installed.	
Maximum Baggage	270 lbs. (+140) For weight and balance information, see Flight Manual. With rear seats removed for cargo, maximum baggage is as follows: Aft of spar cover 270 lbs. (+135) On and forward of spar cover 200 lbs. (+108)		