

MODELS: Stinson Jr. SR, and SR-2, 4 PCL-SM

T.C. NUMBER: ATC 510

Engine	Lycoming R-680 (See Item 315)
Placard limits	Maximum, except take-off -- in.Hg., 2000 rpm (215 hp)
	Take-off (one minute) -- in.Hg., 2000 rpm (215 hp)
Fuel	50 gallons (one 25 gallon tank in each wing)
Cil	4 gallons
No. passengers	3
Baggage	75 lbs. (Seaplane includes anchor and rope 30 lbs.)
Standard weight	Landplane - 3160 lbs. Seaplane - 3469 lbs. (with adj. metal propeller) - 3500 lbs. (with contr. metal propeller)
Specification basis	Approved Type Certificate No. 510
Serial numbers	8700 and up manufactured prior to 9/30/39 eligible. Approval expired as of that date.

EQUIPMENT: (* Means net increase)

Class I:

Landplane:

101. Engine ring cowl	22 lbs.
102. Wheel fenders	13 lbs.
103. Starter (direct electric)	26 lbs.
104. Battery	36 lbs.
105. Heater	
106. Propeller - adj. metal	
107. 8.50-10 wheels and tires	
108. 8 inch streamline tail wheel	

Seaplane: Items 101, 103, 104, 105 and 106 PLUS

151. Edo P-3300 floats	
152. Auxiliary fin on bottom of fuselage replacing tail wheel	

Class III:

Landplane:

301. Fuel and oil capacities	
(a) 74 gallons fuel (2 at 37 gals.) and 5 gallons oil	21 lbs.*
(b) 72 gallons fuel (2 at 36 gallons) and 5 gallons oil	14 lbs.*
302. Larger engine ring cowl	8 lbs.*
303. Wing and stabilizer fairing	6 lbs.
304. Bonding	3 lbs.
305. Shielding	6 or 9 lbs.
306. Generator	18 lbs.
307. Fog light	3 lbs.
308. Flares - five one-minute	16 lbs.
309. Leather trim	9 lbs.
310. Ryan retractable landing lights	26 lbs.
311. Wheel streamlines	22 lbs.
312. Lear radio	25 lbs.
313. 25x11-4 tires with hydraulic brakes	11 lbs.*
314. Propeller - Lycoming-Smith P-221 with Curtiss 350 Smith blades	49 lbs.*
315. Lycoming R-680-7 engine (Item 314 must be installed - low pitch setting 11 degrees 15') (Minimum fuel may be computed on basis of 215 hp) Placard limits: Maximum, except take-off, 2000 rpm (215 hp); Take-off (one minute) 2300 rpm (240 hp)	
316. 10.5 in. streamline tail wheel	

Seaplane: Item 314 PLUS

351. Edo 38-3439 floats	
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NOTE 1. The following placard must be displayed in full view of the pilot:
"ALWAYS CHECK FUEL FLOW AT STRAINER DRAIN BEFORE TAKE-OFF. NEVER FLY ON ONE TANK WHEN FUEL IS LOW."

NOTE 2. Serial No. 8910 is eligible as model SR-2 with the following:
(Same as model SR except horizontal tail surfaces and their controls, equipment and standard weight.)

Engine	Lycoming R-680
Placard limits	Same as for R-680 above
Fuel	50 gallons
Oil	4 gallons
Baggage	50 lbs.
Standard weight	3233 lbs.

Equipment:

Engine ring cowl 30 lbs.; starter (direct electric) 26 lbs.; battery 35 lbs.; wheel streamlines 28 lbs.; five 1-minute flares 16 lbs.; bonding 5 lbs.; leather trim 9 lbs.; special instruments 10 lbs.; heater; 8.50-10 wheels; 5.00-4 tail wheel; Hamilton Standard adjustable metal propeller.