

SPECIFICATIONS FOR THE 1948 STINSON FLYING STATION WAGON AND STINSON VOYAGER

Manufacturer's Model No.	108-3
Popular Name	Stinson Flying Station Wagon, Stinson Voyager
A. T. C. Number	767
Type of Approval on this Aircraft. .	Normal and Utility Categories
Engine	Franklin 165 h.p.
Propeller	Sensenich fixed pitch
Wing Span	34 ft.
Length.	25 ft. 2 in.
Height	7 ft. 6 in. (at rest on ground)
Gross Weight	2400 lbs. as landplane 2500 lbs. as seaplane
Empty Weight	1297 lbs. as Standard landplane *1315 lbs. Station Wagon as passenger landplane **1297 lbs. Station Wagon as cargo land- plane
Wing Loading	15.5 lbs. per sq. ft.
Normal Fuel Capacity.	50 gallons (46 gallons usable)
No. of crew and passengers	4 persons
Baggage (full seats and gas tanks) . .	100 lbs.
Baggage or cargo, full gas tank and pilot	640 lbs., plus 30 lbs. for extra equip- ment in Flying Station Wagon
Cruising Speed at 83% of h.p.	130 mph at 5,000 ft. altitude
Cruising Speed at 83% of h.p.	133 mph at 5,000 ft. altitude (Special Equipment Propeller)
Range fully loaded	554 miles @ 5,000 ft. @ 83% h.p. @ 10.8 gals. per hour
Rate of climb - Fixed Pitch Wood Propeller	580 ft. per minute (sea level, gross weight)
Rate of climb - Special Equip- ment Propeller	725 ft. per minute (sea level, gross weight)
Take off distance - Standard Fixed Pitch Propeller	749 ft. . (maximum gross weight)
Take off distance - Special Equip- ment Propeller	620 ft. (maximum gross weight)
Landing distance	314 ft.
Type of construction	All metal wing with fabric skin; steel tube fuselage; all metal control surfaces

*Without Cargo Sling (5#)

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