



## Specifications & Performance

The Seawind's outstanding speed makes it the only true cross-country amphibian.		
<b>Cabin Dimensions</b>	<b>U.S.A.</b>	<b>Metric</b>
Cabin Length	105"	2.67m
Front Width	52"	1.32m
Height	49"	
Rear Width	54"	1.37m
Cabin Luggage	48" W x 16" D x 24" H volume 11 cu feet	1.22 m W x 0.41m D x 1.63m H volume 0.32 cu meters
<b>Optional AFT Luggage</b>	34" W x 32" D x 18.75" H volume 11.8 cu feet	0.99m W x 0.81m D x 0.48m H 0.387 cu meters
Nose Deck Forward Storage	3 cu ft	84.9 cu cm
Wing Span	35 ft	10.67m
Height at Dorsal Fin	10 ft 2 in	3.1m
Height max at propeller	11 ft 2 in	
Overall Length	27 ft 2 in	8.28m
Ground Clearance	8.5 in	21.6 cm
Power	310 hp	314.3 kw
Engine	Continental IO-550-N	
Propeller	76" 3-blade constant speed (1.93m)	
Wing Area	163 sq. ft.	15.14 sq m
Wing Loading	20.81 lbs/sq ft	101.6 kg/m
Power Loading	10.97 lbs/hp	4.9 kg/kw
Maximum Gross Weight	3400 lbs	1542 kg
Standard Empty Weight	2300 lbs	1043 kg
Equipped Empty Weight +/-	2350 - 2400 lbs	1066 - 1088 kg
Useful Standard	1150 lbs	522 kg
Useful as Equipped	1000 - 1150 lbs	453.6 - 521 kg
Fuel Capacity Mains	80 US gals	303 ltr
Long Range - Aux Tanks	30 US gals	114 ltr

<b>Performance</b>	<b>MPH</b>	<b>Knots</b>	<b>Metric</b>
Sea Level Speed 100% Power	200	174	322
Cruise 75% Power (8,000 ft)	190	165	305
Cruise 65% Power (8,000 ft)	180	156	289
Cruise 55% Power (8,000 ft)	169	147	272
Fuel Burn at 55% Power	12.8 gph		48.5 ltr/hr
Max Range (no reserve main)	1040	905	1677 km
with Extended Fuel Range	1460	1270	2354 km
Rate of Climb	1250 fpm		381 m/min
Best Rate of Climb Speed	99	86	159 km/hr
Best Angle of Climb Speed	74	65	120 km/hr
<b>Stall Speed</b>			
Clean	72mph	63kph	117 km/hr
Flaps & Wheels	60mph	54kph	100 km/hr
Service Ceiling	18,000 feet		5486 m

<b>Take Off Distance</b>	<b>Land</b>	<b>Water</b>	<b>Land</b>	<b>Water</b>
3200 lbs	870 ft	1100 ft	265m	33.5m
3400 lbs	1175 ft	1400 ft	358m	427m
Over 50' Obstacle	1400 ft	1700 ft	427m	518m
<b>Landing Distance</b>	770 ft	620 ft	235m	189m
Over 50' Obstacle	1300 ft	1150 ft	346m	350m
<b>Glide Ratio</b>	10.9 to 1			

Performance figures are the result of actual test data for the Lycoming 300 hp engine. All performance figures are for a sea level standard day and gross weight of 3200 lbs., unless otherwise stated. Specifications are subject to change without notice. New performance specifications will be updated during certification testing.

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