

	Backcountry Super Cub	Backcountry Super Cruiser	Backcountry BOSS
<u>Dimensions</u>			
Height	7 ft 1.5 in	7 ft 1.5 in	7 ft 1.5 in
Length	22 ft 3 in	22 ft 3 in	24 ft 1.75 in
Wing Span	38 ft 4.5 in	38 ft 4.5 in	39 ft 5 in
Wing Area	193.6 sq ft	193.6 sq ft	193.6 sq ft
Cabin Width at instrument panel	29 in	29 in	43 in
Cabin Width at floor instrument panel	27.75 in	27.75 in	40.25 in
Cabin Width At Rear Door Shoulder Level	29.25 in	36 in	42.25 in
This is only difference between Super Cub and Super Cruiser			
Cabin Height Pilot Position	49 in	49 in	49.75 in
Cabin Height Rear Passenger	42 in	42 in	44.25 in
Baggage Door Opening	28 in x 23 in	28 in x 23 in	27 in x 24 in
Baggage area floor length (rear seat removed)	90 in	90 in	102 in
Baggage area floor width front (rear seat removed)	26 in	26 in	40.5 in
Baggage area floor width rear (rear seat removed)	15 in	15 in	23 in
Baggage area floor square footage (rear seat removed)	12.8 sq ft	12.8 sq ft	22.48 sq ft
Room to Sleep in the Back (rear seat folds away)	yes	yes	yes (two people)
<u>Engines that fit our aircraft / CG</u>			
Lycoming 320/360/375/390/400	X	X	X
Continental 470/520			X
<u>Weights</u>			
The empty weights are an average. Every build is slightly different depending on equipment. Some have been lighter and some heavier.			
Empty Weight	1230 lbs	1240 lbs	1370 lbs
Gross Weight	2200 lbs	2200 lbs	2500 lbs
Useful Load	970 lbs	970 lbs	1130 lbs
Useful Load with Full Fuel (48 Gallons)	682 lbs	682 lbs	842 lbs
<u>Takeoff Distance</u>			
Takeoff Ground Roll Empty	50	50	58
Takeoff Ground Roll Gross	400	410	530
<u>Landing Distance</u>			
Landing Ground Roll Empty	30	30	35
Landing Ground Roll Gross	220	240	400
<u>Rate of Climb (slats / without slats)</u>	700 / 1000 fpm	700 / 1000 fpm	700 / 1000 fpm
<u>Fuel Consumption</u>			
Fuel consumption (180 Hp) @55% power	6.8 gph	6.8 gph	6.8 gph
Fuel consumption (180 Hp) @65% power	8.4 gph	8.4 gph	8.4 gph
Fuel consumption (180 Hp) @75% power	9.7 gph	9.7 gph	9.7 gph
Endurance Standard Tanks (48 G)	4.5 hrs	4.5 hrs	4.5 hrs
Endurance with 20 Gallon Aux Tanks (68 G)	6.5 hrs	6.5 hrs	6.5 hrs
Endurance with 36 Gallon Aux Tanks (84 G)	8 hrs	8 hrs	8 hrs

Performance data is based on a factory Demo aircraft flown by a professional pilot. Your performance numbers may vary depending on aircraft build specifications, engine size, power settings, propellor, and piloting ability.