

1 XCUB / NXCUB SPECIFICATIONS
2
3 AIRCRAFT
4 Certification FAA Part 23 or EAB (Builder Assist)
5 MTOWNormal: 2,300 lbs
6 Utility: 1,980 lbs
7 Type Single engine land & sea
8 Crew 2
9
10 LANDING GEAR
11 Configurable as Tailwheel
12 Nosewheel
13 Straight Floats
14 Amphibious Floats
15
16 POWERPLANT
17 Engine O-360-C1G (180 horsepower)
18 CC393i (215 horsepower)
19 Propeller Trailblazer constant speed, composite (2 or 3 blade)
20
21 DIMENSIONS
22 Length 23 ft 10 in
23 Height 8 ft 4 in
24 Wingspan 34 ft 4 in
25 Wing Area 174.8 sq ft
26 Cabin Width 30" @ pilot position
27 Cabin Height 52" @ pilot position
28 Cargo Area 26 cu ft
29
30 WEIGHTS
31 Empty Weight 1,216 lbs base configuration
32 Gross Weight 2,300 lbs
33 Useful Load 1,084 lbs
34 Cargo Weight 230 lbs
35
36 CAPACITIES
37 Maximum Fuel 49 gallons cargo 72
38
39 PERFORMANCE
40 Maximum Speed 160 mph in level flight
41 Cruise Speed 150 mph at 75% power
42 Stall Speed 39 mph demonstrated
43 Rate of Climb 1,500 fpm
44 Endurance 5:53 cargo (fuel aux) 8:45
45 Range 687 miles cargo (fuel aux) 1024 nm
46 Service Ceiling 14,000 ft.
47 Takeoff Distance 120 ft demonstrated (NX)
48 Landing Distance 80 ft demonstrated (NX)
49
50 SPEEDS
51 Vne 167 mph never exceed redline
52 Vno
53 Vo 46 mph* stall speed - power off, flaps full
54 Vs 46 mph* stall speed - flaps up
55 Vfe 81 mph maximum speed - flaps extended
56 Vo 99 mph maximum operating maneuvering speed
57 Vx 59 mph best angle of climb speed
58 Vy 74 mph best rate of climb speed
59