

# Specifications

ICON A5 Amphibious Light Sport Aircraft



## General

### Gross Weight

1510 lb

### Empty Weight

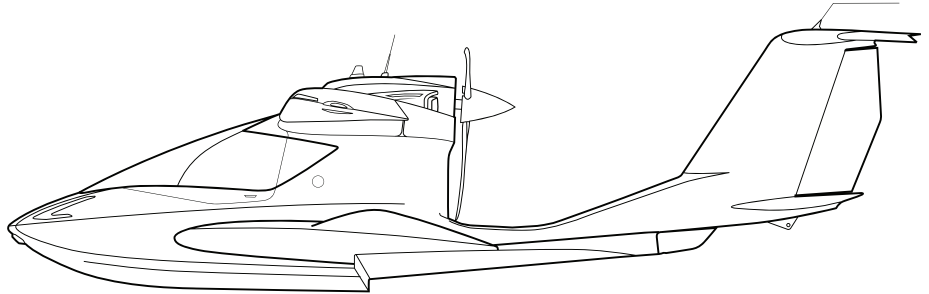
1080 lb

### Service Ceiling at Gross Weight With 100 ft/min Climb Rate

15000 ft

### Useful Load

430 lb



## Performance\*

### $V_H$ (top speed at SL at max continuous power, 5500 RPM)

95 KCAS

### Range, 5000 RPM, 8000 ft (including takeoff and climb from SL)

427 nm (with 45 min reserve)

### Takeoff Distance

Runway 640 ft / Water 840 ft

### Cruise Speed, 5000 RPM, 8000 ft

84 KTAS

### Rate of Climb, $V_y$ at SL

629 ft/min

### Landing Distance

Runway 590 ft / Water 700 ft

### Max Demonstrated Direct Crosswind Component – Land and Water

12 knots

\*Ground roll / water run  
standard day at sea level

## Power Plant

### Engine

Rotax 912iS Sport

### Fuel Capacity/Usable

20.2/20 US gallons

### Approved Types of Fuel

Unleaded automotive fuel with up  
to 10% maximum ethanol content  
meeting (minimum Anti-Knock  
Index 91)

### Max Engine Power at SL

100 hp at 5800 RPM (5 min max)

Grade 100LL aviation gasoline  
(AVGAS)

## V-Speeds

### $V_{NE}$

120 KIAS

### $V_Y$

58 KIAS

### $V_{SO}$

39 KIAS

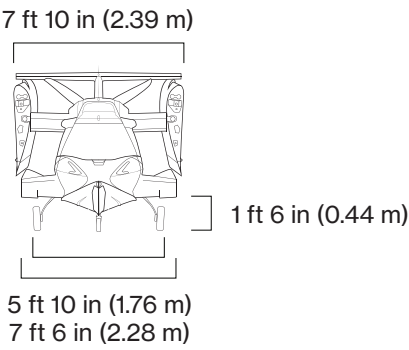
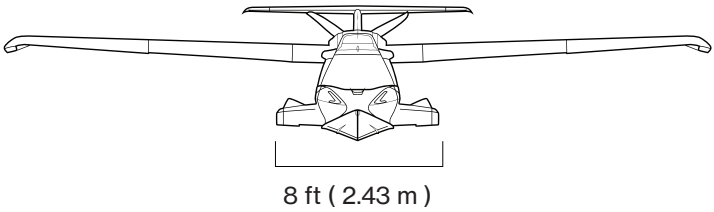
### $V_X$

54 KIAS (0° Flaps)  
50 KIAS (15°/30° Flaps)

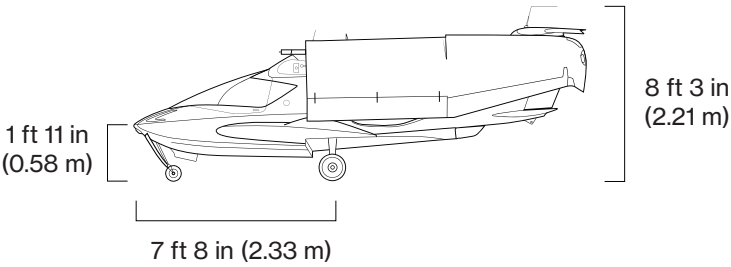
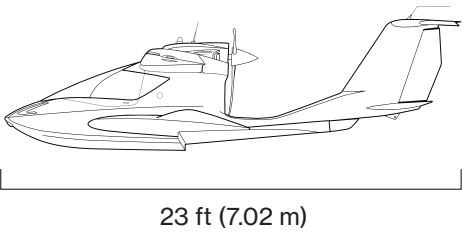
### $V_S$

45 KIAS

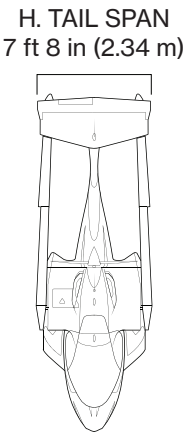
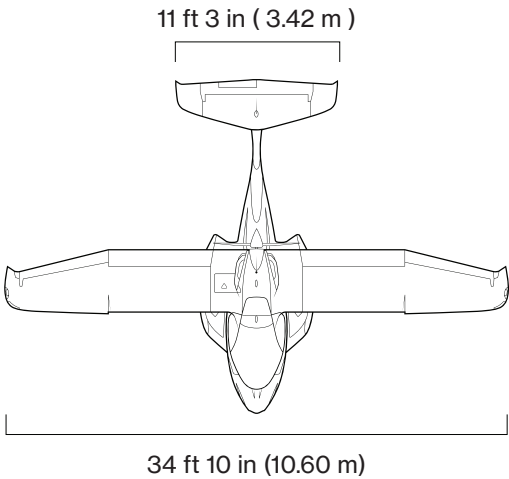
Front



Side



Top



Wing Sweep

