

*Making Dreams*

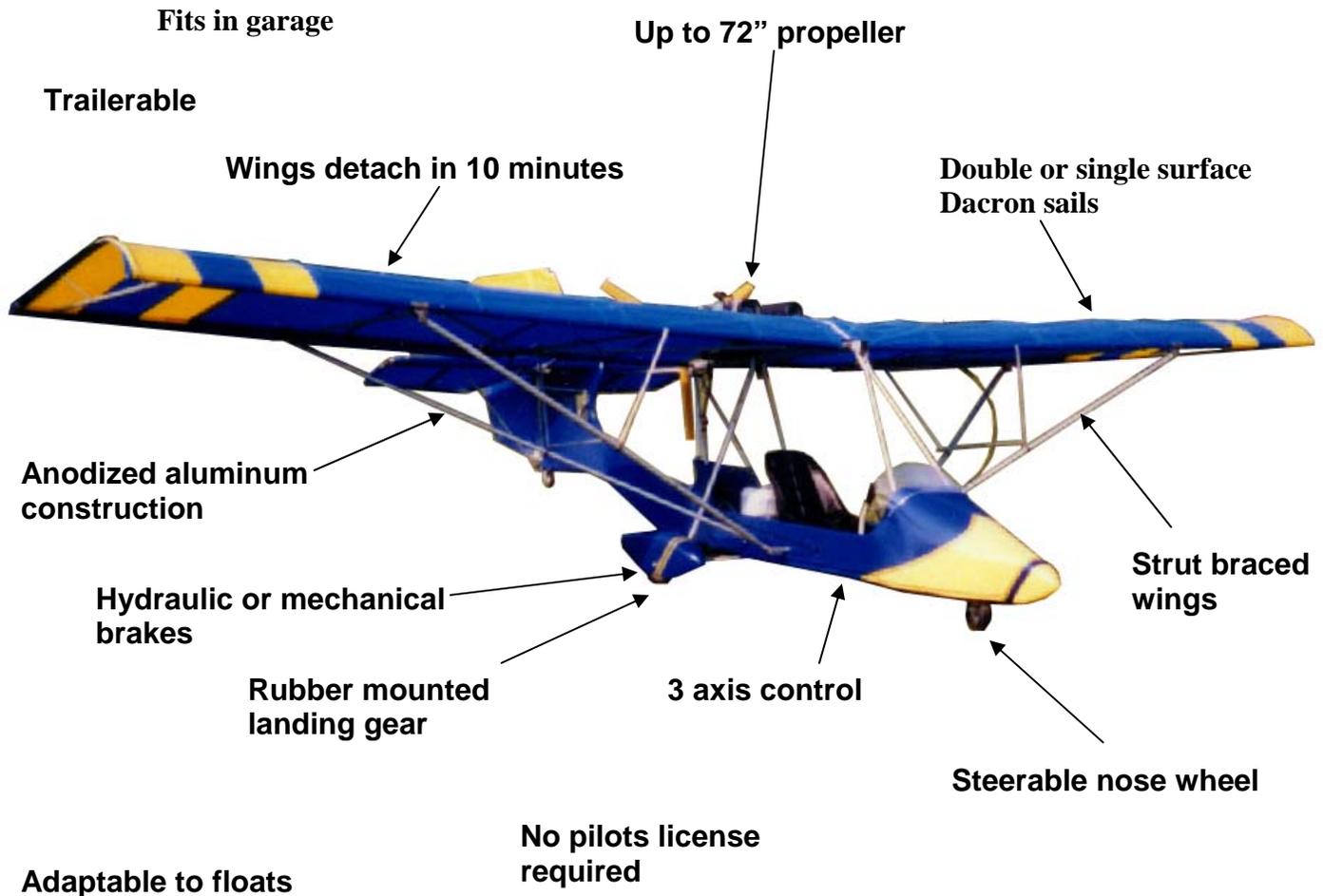
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**SPORTLITE 103**

**LITESPORT II**



# SPORTLITE 103 HOME BUILT VERSION



## Specifications:

- Aluminum Tube Construction
- Strut Braced Wings (no wires)
- 3 Axis Control System
- Dacron or Stits Sails
- Detachable Wings (15 minutes)
- Fiberglass Seat w/Seat Cover
- Steerable Nose Wheel
- FAA Part #103 Legal
- Convertible To 2 Seat
- Adaptable To Floats
- Full or Partial Windshield
- Standard Aircraft Components
- Large Instrument Panel
- Rubber Mounted Landing Gear
- Empty weight 254 lbs
- Gross weight 500 lbs (single)
- Gross weight 900 lbs (tandem )
- Wing span 26' 6"
- Wing area 121 sq ft
- Length 16' 7" single
- Length 17' 1" tandem
- Height 6' 8"
- Build time from kit 125 hours
- Build time from plans 250 hrs
- 5 Gallon Fuel Tank
- Cruise Range 25/60 mph
- Maximum Prop Length 72"
- Slow Stall Speed (24 mph)

## Performance:

- Engine used for test 447 Rotax
- Power 40 HP
- Cruise Speed 55 MPH
- Top Speed 62 MPH
- Stall Speed 22 MPH
- VNE 75 MPH
- Rate of clime 850 FPM
- Take off distance 75 ft

**1-800-850-3708** [www.flyfbi.com](http://www.flyfbi.com)

1380 legion Rd - P.O. Box 904 - Detroit Lakes MN 56501



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# sample

## Tandem Seat

- Anodized Aluminum Construction
- Strut Braced Wings (no wires)
- 3 Axis Control System
- Dacron or Stits Sails
- Detachable Wings (15 minutes)
- Fiberglass Seats
- Seat Covers
- 8.5 Gallon Fuel Tank
- Steerable Nose Wheel
- Slow Stall Speed (32mph)
- Adaptable To Floats
- Cruise Range 32/75 mph
- Maximum Prop Length 72"
- Full or Partial Windshield
- Standard Aircraft Components
- Power Range 22/65hp
- Large Instrument Panel
- Top Mounted Engine
- Rubber Mounted Landing Gear



## Specifications

- |                        |             |
|------------------------|-------------|
| • Empty Weight         | 295lbs      |
| • Goss Weight (Tandem) | 900 lbs     |
| • Wingspan             | 26' 6"      |
| • Wing Area            | 121 sq ft   |
| • Length               | 17 ft 1 in  |
| • Height               | 6' 8"       |
| • Fuel Capacity        | 8.5 gallons |
| • Build Time (kit)     | 125 hours   |

## Performance

Engine used for tests: Rotax 503

- |                 |         |
|-----------------|---------|
| • Power         | 50 hp   |
| • Cruise        | 75 mph  |
| • Top Speed     | 80 mph  |
| • Stall Speed   | 32 mph  |
| • VNE Speed     | 95 mph  |
| • Rate of Climb | 800 fpm |

