



# WingSport Aviation Co.

Home

Aircraft List

StingSport

SportCruiser

Parrot

WSA Flight Academy

A/C Rental Program

Interval Ownership

WingSport Aero Club

Leaseback Program

Want to be a Dealer?

Related Links

About Us

Contact Us

FAQ

News Article

Calendar May 06

**WingSport (WSA)** provides access to several of the most interesting and exciting light sport aircraft available today. We are the Mid-Atlantic Regional dealer for the carbon fiber StingSport and all metal CAW SportCruiser and high-wing Parrot!

Central to the piedmont area of North and South Carolina, **WingSport** is based at Rowan County Airport - KRUC - just north of Charlotte along Interstate 85 and six miles south of Salisbury. At KRUC we offer flight training, rentals, maintenance, "Discovery" and introductory "Familiarization" flights. Come by and see us at hanger twenty-one!

**Want Light Sport pilot training? WingSport has it! See our training link for information on our WSA**

**Flight Schedule Pro.com**

**Configure your SLISA on-line with the WSA shopping cart!!!**



**Beautiful StingSport SLISA flying over airport..**



**New SportCruiser..**



**CAW Parrot..**

The new Special LSA category offers unprecedented flexibility in aircraft choices ranging from rag and tube J3 Cub replicas (Just AirCRAFT) to conventional and tricycle gear and even amphibians. Construction can be all metal or composite (StingSport) or a combination of both. Aircraft designs can look similar to a Cessna in high wing configurations (CAW Parrot) or to Piper's low wing (CAW SportCruiser) or some very unusual designs like the Russian Sigma. Some old friends become eligible to be flown as LSA aircraft: Ercoupe 415-C, J3 Cub and Aeronca's Chief and Champ. There is already something here for most everyone's taste and pocketbook with more coming!

Visit [www.FlyWingSport.com](http://www.FlyWingSport.com) for details.

**WSA World HQ**  
Charlotte, NC 28216  
Phone: 704-257-4717  
Fax: 630-839-5094  
[billh@flywingsport.com](mailto:billh@flywingsport.com)

**Rowan County Airport (KRUC)**  
3670 Airport Loop  
Salisbury, NC 28147  
**Main Hanger and Office**

**WingSport** and **Sportair-USA** are proud to announce our new affiliation with **Sport Aircraft Works** and **Czech Aircraft Works** (CAW) to offer the most exciting sport planes produced today. CAW manufactures the new SportCruiser, the Parrot and the exciting amphibian Mermaid. Joined with the sleek StingSport, this lineup is unprecedented!

## SportCruiser

PERFORMANCE		SPORTCRUISER LSA	
ROTAX 912ULS 100HP		US STANDARD	
Takeoff (Grass)		350	Feet
Takeoff (50' object) (Grass)		700	Feet
Climb Rate		1200	Fpm
Stall Speed with Flaps		30	Mph
Stall Speed w/o Flaps		33	Mph
Cruise Speed (75% Power) (True air-speed)		125	Mph
Never Exceed Speed (Vne)		160	Mph
Range (75% Power, no reserve)		550	Sm
Endurance (no reserve)		5	Hours
Landing Ground Roll (Grass)		400	Feet

Figures with 100-hp Rotax at a typical load; pilot and passenger + fuel & baggage = 600kg or 1320 lbs. All figures subject to change without notice.

SPECIFICATIONS		SPORTCRUISER LSA	
		US STANDARD	
WING SPAN		28.2	Ft
LENGTH		23.3	Ft
WING AREA		131.3	Sq.Ft.
WING LOADING		10.0	Lb/sf
EMPTY WEIGHT W/ROTAX 912ULS 100HP		675	Lbs
EMPTY WEIGHT W/JABIRU 3300 120HP		720	Lbs
GROSS WEIGHT		1320	Lbs
USEFUL LOAD - ROTAX		645	Lbs
USEFUL LOAD - JABIRU		600	Lbs
CABIN WIDTH		45	Inches
FUEL CAPACITY		2 x 15	Gal
LUGGAGE SPACE		10.6	cu. ft.
G Load Factor (Ultimate)		+6 -4	g



All figures subject to change without notice.

Between \$85-95K Nicely equipped—10% Down Financing available!

## Performance

Conditions	Knots
Take Off Speed	45
Climb Speed	75
Cruise Speed, standard 912UL	95-105
Cruise Speed, optional 912ULS	105-115
Approach Speed	55
Touchdown Speed at min weight	39
Maximum Speed in horizontal flight	120
Never Exceed Speed, Vne	164
Maximum Speed in Turbulence	118
Stall Speed, no flaps	44
Stall Speed, flaps Full (30 degrees)	39
Maximum Speed, flaps Half (15 degrees)	75
Maximum Speed, flaps Full (30 degrees)	65
Take-Off, Paved Runway	490 FT
Take-Off, Paved Runway - 50 ft. Obs.	940 FT
Landing, with braking	390 FT
Landing - 50 ft. Obs.	1200 FT
Rate of Climb	810 FPM
Range, no wind	460 NM
Range, with Wing Tanks, no wind	770 NM
Glide Ratio	12:1

Between \$105-115K Nicely equipped—10% Down Financing available!

## Specifications

Maximum take-off weight (Sport)	1320 lbs
Basic Empty Weight	780 lbs
Maximum Useful Load &	540 lbs
Maximum Weight of Crew	480 lbs
Minimum Weight of Crew	100 lbs
Maximum weight of luggage	60 lbs
Center of gravity limits	22-34% MAC
Wing Span	28 ft 3in
Length	20 ft 4 in
Height	6 ft 4 in
Cockpit Width	44 in

## StingSport



photo courtesy of EAA