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Are proud to present:

SportCruiser



TOPFUN Aviation is the Western Australian Agent for CZAW SportCruiser and Mermaid (Amphibian) aircraft.

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SportCruiser

What matters!!

- European - USA design /specification collaboration
- All metal construction except for non structural items
- Factory Built to S-LSA standards (600 Kg MTOW)
- Low Purchase cost
- ROTAX 912S (100HP) engine (TBO - 1500 Hrs)
- 19 litres per hour fuel burn at 75% power (cruise)
- Avgas 100LL or PULP 95 Octane
- 105 knots cruise on a fixed pitch propellor
- Short take-off and landing distances
- Wide-body cabin - 46.5 inches (118cm)
- Adjustable rudder pedals for short and tall pilots (to 6'6")
- 5.25 hours endurance at cruise plus 45min reserve (114 litres)
- 2 x Wing Storage Lockers at 18Kg each (36Kg)
- In cabin luggage - 18Kg
- Up to 275Kg approx useable weight (depending on fit out)
- Electric Flaps
- Electric Trims - Elevator and Aileron
- Variety of panel options including Dynon Glass cockpit up to IFR training standards
- Huge selection of airframe options including Constant Speed Propellors (115 Knots)
- Good ventilation and heating
- VH or RAAus Registration
- Factory Warranty - 12 months or 200 hours



SportCruiser

*Performance counts!!**

- Take off (grass) - 110m
- Take off (clear 50' object - grass) - 280m
- Climb rate 1200fpm (ICAO Std day)
- Stall Speed (Clean) - 32 knots
- Stall Speed - (Full Flaps) - 26 knots
- Cruise Speed - 75% - 105 knots (fixed pitch)
- Cruise Speed - 75% - 115 knots (variable pitch)
- Range - 525 nautical miles with 45 minute reserve
- Landing Ground roll (grass) - 122m
- Endurance - 6.0 hours
- Empty weight - From 325 kg
- MTOW - 600kg
- Useable weight - Up to 275kg
- Luggage Space - 10.6 cubic feet
- "G" Limit Load factor - +4/-2

NOTE:

All options quoted are factory fitted by CZAW, with no after market accessories being fitted after manufacture.

* All specifications subject to change without prior notice by factory



SportCruiser

Designed with longevity and simple maintenance in mind as well as easy and docile handling characteristics, Czech Aircraft Works have created the best LSA in the light sport market place. The SportCruiser was specifically designed after the LSA rule was finalised. This means that our engineers were able to take advantage of the full 1320 pound weight limit and build a proportionally designed aircraft, with respect to useful load, comfort, flexible fuel capacity, and handling characteristics that are spectacular throughout the entire power envelope. The CZAW superior design is built to be manufactured in specialised mass production.

SportCruiser is an ideal choice for the low time Pilot, or as a primary trainer in LSA flight schools. But don't be fooled by it's docile low speed, this is an excellent cruiser with a cruising speed of 105 knots!

Your aircraft can be configured with 4 panels and your choice of two tone paint scheme with unique wing lockers for all that stuff you need to take on longer flights, like clothes and camping gear!

Colour Schemes



Panel Options



Basic Day VFR



Basic Glass VFR



IFR Glass Panel



Advanced Analogue Panel

Please don't fly our aircraft! - Put it to the bottom of your "to-test-fly" list. We recommend that you fly all of our competitor's aircraft first and then come visit us. You will be so impressed by the GA quality, handling characteristics and low speed manoeuvrability that you will not want to fly any other aircraft. We have on countless occasions had customers - educated consumers, who flew up to 9 aircraft before visiting our facility, always comment how : "The SportCruiser is by far the best balanced and well handling aircraft out there" after finishing their evaluation of our aircraft.

This isn't by accident, the whole crew spent a tremendous amount of effort not only designing but refining the flying characteristics into a well balanced, safe flying machine. It's easy to design an aircraft but only a very coordinated test pilot / engineer / designers are capable of refining flying characteristics to the highest level.

CZAW worked very hard on the low end speed range coming away with an aircraft that in many cases doesn't even stall (goes into 500 fpm mush), landing speed is near 26 knots with full controllability, but SportCruiser also cruises at over 100 knots.

Additionally we ended up with large weight & balance envelope which means the aircraft is very happy loaded in any configuration and it's very difficult to achieve aft CoG. CZAW have designed the SportCruiser to behave closer to GA aircraft than any other LSA both in feel and flying characteristics. A good example of the overall tameness is our demonstration of a coordinated 15 degree bank turn with your feet on the floor.

So please, don't fly the SportCruiser until you have flown them all!

SPORTCRUISER OPTIONS LIST

SPORTCRUISER RTF - ROTAX 912S 100HP (SLSA) or JABIRU 3300 120HP (SLSA)

STANDARD ITEMS - FINISHED RTF AIRCRAFT

3-BLADE CARBON GROUND-ADJUSTABLE PROPELLER WITH SPINNER
2 X 15 GAL. WING TANKS, FUEL GAUGES & SENDERS, AND AIR FUEL VALVE
ELECTRIC PITCH TRIM - ELECTRIC AILERON TRIM - ELECTRIC FLAPS
(ALL WITH LCD POSITION DISPLAY)
G-205 TRIM CONTROL AND PTT ON THE CONTROL STICK
CABIN HEAT - 4-POINT SEATBELTS - LARGE NACA AIR VENTS - 12 VOLT POWER SUPPLY
AIRBOX WITH CARBURATOR HEAT (WITH ROTAX) - 2-TONE PAINT, MATCHING UPHOLSTERY
CORROSION PROTECTION - LOCKING CANOPY - DUAL STICKS - ADJUSTABLE RUDDER PEDALS
WING LOCKERS - WHEEL FAIRINGS
STANDARD INSTRUMENTS: AIRSPEED, ALTIMETER, BALL, VOLT METER,
OIL PRESSURE, OIL TEMP, WATER TEMP, HOBBS, TACHOMETER

OPTIONAL ITEMS

PARKING BRAKE
NIGHT LIGHTING PKG (KUNTZ STROBE/NAV X 2, LIGHTED PANEL, COWL LIGHT X 2)
TOW BAR
LEATHER UPGRADE
METTALIC PAINT UPGRADE
DUAL HYDRAULIC BRAKES
LOCKING FUEL CAPS - SET
BRS LSA SOFTPAK PARACHUTE
SPORTCRUISER T-SHIRT
SPORTCRUISER CAP

PANEL UPGRADES

DYNON GLASS D100/D120 (EFIS + EMS) INC. BACK-UP 2-1/4 ASI & FUEL FLOW, COMPASS
ANALOG 6-PAK PANEL (ASI-ALT-VSI-RC ALLEN DG-TRUTRAK ADI-T&B)

AVIONICS OPTIONS

KING 97 TRANSEIVER, GARMIN 320GTX TRANSPONDER, PM3300 STEREO INTERCOM
UPGRADE TO GARMIN SL40
UPGRADE TO GARMIN SL30
UPGRADE TO GARMIN 327 GTX TRANSPONDER
GARMIN CDI G-102
UPGRADE TO GARMIN 328 GTX MODE S TRANSPONDER
2ND G-205 TRIM CONTROL AND PTT FOR THE RIGHT STICK

GPS UPGRADES

GARMIN 296 W/AIRGIZMO MOUNTING
GARMIN 396 W/AIRGIZMO MOUNTING
GARMIN 496 W/AIRGIZMO MOUNTING

AUTOPILOTS

TRUTRAK AUTOPILOT - DIGIFLIGHT II
TRUTRAK AUTOPILOT - DIGIFLIGHT II VS

PROPELLER UPGRADES

SENECH 2-BLADE CARBON GROUND-ADJUSTABLE
WOODCOMP VARIA 2-BLADE MECHANICAL IN-FLIGHT ADJUSTABLE (INC. MAN. PRESS. GAUGE)
WOODCOMP 2-BLADE ELECTRIC IN-FLIGHT ADJUSTABLE (INC. MAN. PRESS. GAUGE)
WOODCOMP 2-BLADE ELECTRIC IN-FLIGHT ADJ. CONSTANT-SPEED (INC. MAN. PRESS. GAUGE)

Prices available on request from TOPFUN Aviation.

