

# SPORTCRUISER LTD CZECH LIST



## Preflight Inspection/Interior

Control Lock ..... Remove  
 Ignition..... Off  
 Master ..... On  
 Instruments ..... On  
 Pitch & Roll Trim ..... Neutral  
 Flaps ..... Fully Extend  
 Exterior Lights ..... Check  
 Fuel Quantity ..... Check  
 Fuel Selector ..... Fullest Tank  
 Instruments ..... Off  
 Master ..... Off  
 Documents ..... ARrOW

## Exterior

Fuselage ..... Check Condition  
 Horizontal Stab..... Check  
 Horizontal Trim..... Neutral  
 Vertical Stab..... Check  
 Elevator ..... Check  
 Rudder ..... Check  
 Antennas ..... Check  
 Right Flap..... Check  
 Right Aileron..... Check  
 Right Trim tab..... Neutral  
 Wing Tip..... Check  
 Fuel ..... Check Visually  
 Wing Locker ..... Secure  
 Fuel/R Wing ..... Sample  
 Right Landing Gear ..... Check  
 Fuel/Cowling ..... Sample  
 Cowling ..... Check/Secure  
 Propeller..... Check/Secure  
 Main Landing Gear..... Check

Engine ..... Burp/Check Oil Level  
 Fuel L/Wing ..... Sample  
 Left Landing Gear ..... Check  
 Fuel ..... Check Visually  
 Wing Locker ..... Secure  
 Pitot/Static Port ..... Check  
 Wing Tip..... Check  
 Left Aileron ..... Check  
 Left Flap ..... Check

## Engine Start

Pedals ..... Adjust  
 Seat Belts ..... On/Secure  
 LSA Waiver ..... Brief  
 Brakes ..... Set/Hold  
 Throttle ..... Idle  
 Choke (Cold Engine) ..... On  
 Master ..... On  
 Instruments ..... On  
 Fuel pump ..... On  
 Area..... Clear  
 Ignition..... Start  
 Oil Pressure ..... Check  
 Choke..... Off  
 Throttle ..... 1500-2500RPM  
 Fuel Pump..... Off  
 Engine Instruments ..... Check  
 Avionics & Auto Pilot Switches..... On  
 Transponder..... STBY/OK/1200  
 GPS..... Press "ENTER"  
 Lights..... As needed

## Before Taxi

ATIS/Weather..... Obtain  
 Altimeter(s)..... Set  
 Canopy..... Secure/Locked  
 Flap ..... Retract  
 Brakes ..... Test

## Taxi

Wind Correction ..... Apply  
 Flight Instruments..... Check

US SPORT AIRCRAFT

972.735.9099..... 772.595.9996

### **Before Takeoff/Run-up**

Brakes ..... Set/Hold  
Flight Controls ..... Free/Correct  
Throttle ..... 4000RPM  
Engine Instruments ..... Check  
Oil Temperature ..... 120 Min  
Magnetos ..... Left/Right Check  
*(Max Drop 300RPM 120 Differential)*  
Throttle ..... Idle  
Trim ..... Neutral  
Transponder ..... ALT/Squawk  
Fuel Pump ..... On  
Canopy ..... Verify Locked

### **Take Off/Climb**

Full Power ..... Min 4900 RPM  
Engine Instruments ..... Green  
Rotate ..... 49kts  
Climb ..... 65-70kts  
Flaps ..... Retract at 200AGL  
Fuel Pump ..... Off 500 AGL

### **Cruise**

Power Set ..... 4800-5300 RPM  
Engine Instruments ..... Green  
*Avoid cruise at 4000 RPM*

### **Descent and Landing**

Fuel Pump ..... On  
Fuel Selector ..... Fullest Tank  
Seat Belts ..... Secure  
Down Wind ..... 4200 RPM  
Abeam ..... 3000 RPM  
Flaps ..... Extend As Needed  
Approach ..... 65-70KIAS

### **Go Around**

Throttle ..... Full  
Flaps ..... Half  
Climb ..... Establish 60-65KIAS  
Flaps ..... Fully Retract

### **After Landing**

Flaps ..... Retract  
Fuel Pump ..... Off  
Transponder ..... 1200/STBY

### **Shut Down**

Hobbs Time ..... Record  
Avionics/Auto Pilot ..... Off  
Lights ..... Off  
Ignition ..... Off  
Instruments/Master ..... Off  
Time ..... Record in Book

### **Securing**

Controls ..... Lock with seat belt  
Cabin ..... Clean  
Canopy ..... Close/Locked  
Tie-downs ..... Secure

### **EMERGENCY-Engine Failure**

Best Glide ..... Establish 60KIAS  
Landing Site ..... Select  
Fuel Pump ..... On  
Fuel ..... Switch Tank  
Ignition Switch ..... Both  
Throttle ..... Idle  
*Attempt to Restart*

### **Engine does not start**

*If time and altitude permits declare  
emergency on 121.5 & activate ELT  
After Final Flap Selection*

Ignition ..... Off  
All Switches ..... Off  
Fuel Selector ..... Off  
Canopy ..... Unlatch

### **EMERGENCY-BRS Deployment**

Seat Belts ..... Secure  
Engine ..... Shut Down  
Airspeed ..... Below 100KTS  
BRS Pin ..... Remove  
BRS Handle ..... Pull