

SportCruiser SVAP+ Checklist
Dynon SkyView HDX/Garmin aera® 796



PREFLIGHT INSPECTION

INTERIOR

Ignition OFF
 MASTER BAT ON
 EFIS 1 ON/EMS
 Pitch & Roll Trim..... NEUTRAL
 Fuel Quantity.....CHECK
 Menu-Engine Tools-Clear Timer
 Menu-Engine Tools-Fuel
 Fuel Computer Quantity ADJUST
 Fuel Selector.....FULLEST TANK
 Flaps 30
 Circuit Breakers CHECK IN
 Exterior Lights.....CHECK
 EFIS 1 OFF
 MASTER BAT OFF

EXTERIOR

L Flap.....CHECK
 L Aileron.....CHECK
 L Wing Tip.....CHECK
 Pitot/Static Port.....CHECK
 L Wing Leading EdgeCHECK
 L Wing Fuel..... VISUAL CHECK
 L Wing Locker..... SECURE
 L Landing Gear/Tire.....CHECK
 Nose Landing Gear/TireCHECK
 Cowling CHECK SECURE
 Propeller CHECK SECURE
 Engine OilCHECK
 Oil Level ≥50% in flat
 R Wing Locker SECURE
 R Landing Gear/TireCHECK
 R Wing Fuel VISUAL CHECK
 R Wing Leading Edge.....CHECK
 R Wing TipCHECK
 R Aileron Trim Tab..... NEUTRAL
 R Aileron.....CHECK

R Flap CHECK
 Temp Probe(s) CHECK
 R Fuselage..... CHECK
 Horizontal Stabilizer CHECK
 Vertical Stabilizer CHECK
 Elevator CHECK
 Elevator Trim Tab CHECK
 Rudder CHECK
 Antennas CHECK
 L Fuselage CHECK
 R Wing Fuel SAMPLE
 Gascolator Fuel..... SAMPLE
 L Wing Fuel..... SAMPLE

ENGINE START

Rudder Pedals ADJUST
 Parachute PinSTOW IN CONSOLE
 Circuit BreakersCHECK IN
 Seat Belt-Shoulder HarnessON
 LSA/BRS/Passengers BRIEF
 Brakes..... SET & HOLD
 MASTER BATON
 MASTER GENON
 EFIS 1 EMS LOADED/DISPLAYED
 Fuel Pump..... ON (> 2.2 psi)
 Throttle IDLE (cold), 5% (warm)
 Choke..... ON (cold), OFF (warm)
 Prop Area..... CLEAR
 Ignition..... START (10 sec max)
 Throttle 2000 - 2500 rpm
 Engine Instruments CHECK
 Oil Pressure > 12 psi within 10 sec
 EFIS 2ON
 Avionics.....ON
 Lights..... AS NEEDED
 Flaps UP

Menu-XPNDR AUTO/VFR
 Garmin 796 GPS..... ACCEPT/MAP

BEFORE TAXI

BrakesTEST
 WX/ATIS OBTAIN
 Altimeter SET
 Flight Plan ENTER/ACTIVATE
 Canopy..... SECURE

TAXI

Wind Correction APPLY
 Flight Instruments..... CHECK
 Initial Altitude & Heading..... SET

BEFORE TAKEOFF - RUN-UP

Flight Controls FREE & CORRECT
 BrakesHOLD
 Oil Temp..... > 120 F
 Throttle4000 rpm
 Engine Instruments CHECK
 Oil Pressure 30 to 102 psi
 Fuel Pressure 2.2 to 5.8 psi
 L & R Ignition..... CHECK
 ≤ 300 rpm drop, ≤ 115 rpm
 difference
 Throttle IDLE
 Trim NEUTRAL
 Flaps..... SET for TAKEOFF
 XPNDR..... SET
 Fuel Pump..... ON
 Continued →

Landing Light..... AS REQUIRED
 Canopy LOCKED/CHECKED

Emergency Takeoff Briefing:

On takeoff Roll
 After lift off, Below 1,000ft AGL
 Above 1,000ft AGL and/or turned
 Crosswind

When taking runway, confirm **CSTF²L** -
Canopy, Squawk, Trim, Flaps, Fuel
 pump, Lights

TAKEOFF - CLIMB

Throttle MAX (≥ 4900 rpm)
 Engine InstrumentsGREEN
 AirspeedCOMFIRM INCREASING

V_R 45 KIAS,

Climb 70 KIAS or ≥ 5200 rpm

Above 200' AGL

Flaps.....UP
 Oil Temp.....MONITOR
 Normal 190 - 230 F, Max 266 F

CRUISE

Throttle 4800 - 5500 rpm
 Landing Light.....AS REQUIRED
 Fuel Pump OFF
 Fuel PressureMONITOR
 Engine InstrumentsGREEN



