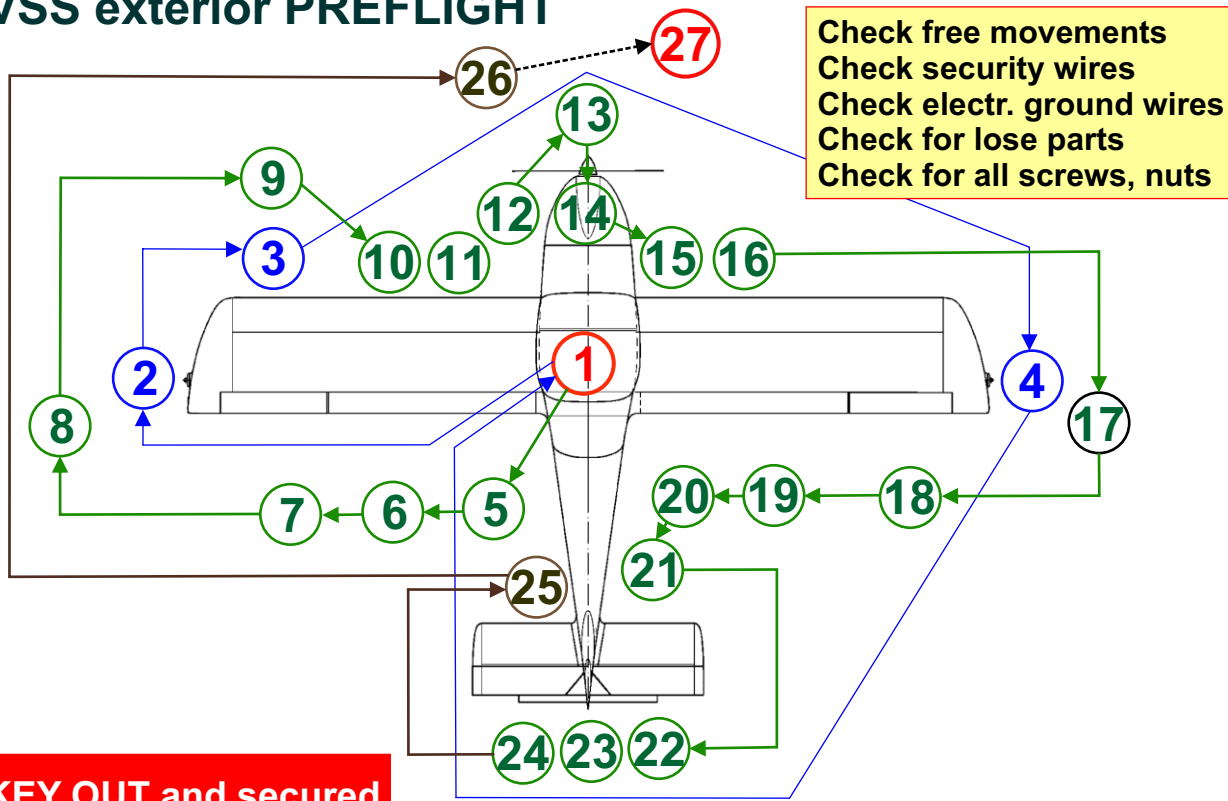


# EVSS exterior PREFLIGHT



**KEY OUT and secured**

## 1 COCKPIT

**Documents**.....**AROW**  
 check placards, check control wires,  
 check lose objects, leakages.....**OK**  
 Flaps.....**15DEG**  
 Fire exting., oil bottle.....**ABOARD**  
 Release locks.....**REMOVED**  
**Master**.....**ON**  
 all **exterior lights**.....**ON**

1st walk around

## 2, 3, 4 EXT. LIGHT

2 Check left beacon.....**OK**  
 Check left **RED** Anti-C.....**OK**  
 3 Check Landing Light.....**OK**  
 4 Check right beacon.....**OK**  
 Check right **GREEN** Anti-C... **OK**  
 inspect wing surfaces, vortex generators,  
 airplane condition, leakages (on ground)

Check free movements  
 Check security wires  
 Check electr. ground wires  
 Check for lose parts  
 Check for all screws, nuts

## 1 COCKPIT

all **exterior lights**.....**OFF**  
**Master**.....**OFF**  
 Check canopy, windshield.....**OK**

2nd walk around

## 5 LEFT FUEL DRAIN

Drain fuel sump.....**FULL PROBE**  
 Check fuel type (color).....**AV100LL**  
 Check for water and debris.....**NO**  
 drain until no water,  
 dispose fuel probe (on concrete spot)

## 6 LEFT FLAP

Flap extended.....**15DEG**  
 Flap free moveable.....**OK**  
 Flap free of obstacles.....**OK**  
 Flap not lose.....**OK**

## 7 LEFTAILERON

Hinge, surface.....**OK**  
 Free movement.....**OK**  
 Push rod and nut.....**OK**  
 Check trim tab.....**OK**  
 Check trim rod.....**OK**

## 8 LEFT TANK VENT

Tank air vent.....**FREE**

## 9 PITOT TUBE

Free pitot tube.....**FREE**  
 Free static port.....**FREE**

## 10 LEFT TANK LEVEL

Check fuel amount.....**VERIFY**  
 Tank cap properly closed.....**OK**

## 11 LEFT LDG GEAR

Check water inspect. windows.**OK**  
 Check bottom side wing.....**OK**  
 Check inspection latches.....**OK**  
 Check left gear leg.....**OK**  
 Check hydraulic brake.....**OK**  
 Check engine exhaust.....**OK**  
 Check front gear.....**OK**  
 Tire condition/inflation...**20-23 PSI**  
 Wheel cover.....**SECURE**  
 check for oil, hydraulic leakages

## 12 ENGINE / COWL

Check cooling liquid tank.....**OK**  
 Check hydraulic liquid tank.....**OK**  
 Check for objects.....**OK**  
 Check for leakages.....**OK**  
 Check cowling.....**OK**  
 Oil reservoir cap.....**OPEN**  
 Cleanness air intakes.....**CHECK**  
 Cleanness oil radiator.....**CHECK**  
 Cleanness liquid radiator..**CHECK**  
 Cleanness air filter.....**CHECK**

## 13 PROP

Prop blades.....**INSPECT**  
 Prop hub, spinner.....**OK**  
 Turn prop.....**counter-clockwise**  
 until gurgling sound in oil reservoir

## 14 OIL

Oil level.....**BETWEEN MARKS**  
 Refill oil.....**IF NEEDED**  
 Oil color, debris.....**OK**  
 Close oil cap.....**SECURE**  
 refill oil just with proper type

## 15 RIGHT LDG GEAR

Check bottom side wing.....**OK**  
 Check inspection latches.....**OK**  
 Check right gear leg.....**OK**  
 Check hydraulic brake.....**OK**  
 Tire condition/inflation....**20-23 PSI**  
 Wheel cover.....**SECURE**  
 check for oil, hydraulic leakages

## 16 RIGHT TANK LEVEL

Check fuel amount.....**VERIFY**  
 Tank cap properly closed.....**OK**

### 17 RIGHT TANK VENT

Tank air vent.....FREE

### 18 RIGHT AILERON

Hinge, surface.....OK  
Free movement.....OK  
Push rod and nut.....OK

### 19 RIGHT FLAP

Flap extended.....15DEG  
Flap free moveable.....OK  
Flap free of obstacles.....OK  
Flap not lose.....OK

### 20 RIGHT FUEL DRAIN

Drain fuel sump.....FULL PROBE  
Check fuel type (color).....AV100LL  
Check for water and debris.....NO  
Drain until no water,  
dispose fuel probe (on concrete spot)

### 21 ANTENNAS

Antennas.....SECURE  
Rear fuselage.....CHECK

### 22 STABILIZER, ELEVATOR

Surface.....CHECK  
Control tab.....CHECK  
Hinge.....CHECK  
Movement.....FREE  
Mount, nuts.....CHECK

### 23 VERT. STAB., RUDDER

Surface.....CHECK  
Movement rudder.....CHECK  
Control strings.....CHECK  
Mount, nut.....CHECK  
Do not bend rudder trim tab  
Do not push rudder against front wheel  
steering

### 24 ELEVATOR TRIM

Trim motor, wires.....CHECK  
Trim Tab Control.....CHECK  
Hinge.....CHECK  
Tail skid.....CHECK

### 25 PLACARD

Rear fuselage.....CHECK  
Registration placard.....MOUNTED

### 26 TIRE CONDITIONS

Inflation.....20-23PSI  
Check for white cotton spots..NOT  
Check tire profile.....OK  
pull and push plane on prop hub only

### 27 FINALIZE

All checked (see POH).....VERIFY  
Tie down.....REMOVED  
Chokes.....REMOVED  
Plane and prop.....FREE

### Remarks

If fuel refilled after fuel sump drained  
then drain fuel again

After oil refilled turn prop  
counter-clockwise again until  
gurgling sound and check level

If plane behind starts engine then  
protect/lock the controls

In case of strong head or tail wind,  
esp. if canopy is open - protect plane  
from rolling on ground - parking brake

Only ONE person stepping on  
wing ROOT to enter the plane

Check for loose items in cargo  
department, e.g. tow bar

Latch of tank cap always to the tail of  
plane (with air flow)

Do not close canopy without to  
have key secured before

Engine oil: AeroShell Sport Plus 4

Sunrise Aviation : (949) 852-8850  
ACI Jet fuel service : (949) 201-2550

AVGAS 100LL