

EVEKTOR SPORTSTAR CHECKLIST (C-IMJK)

EXTERNAL

COVID Attestation - **COMPLETE**
 Documents - **CHECK**
 Weight & Balance - **COMPLETE**
 Keys - **NOT IN IGNITION**
 Rudder Pedals - **ADJUST**
 Walkaround - **COMPLETE**
 Fuel Sample - **CHECK**
 Oil - **CHECK**
 Plugs and Cords - **REMOVED**
 Cowling Tape - **APPROPRIATE**
 Flaps - **RETRACTED**

PRE-START

Passenger Briefing - **COMPLETE**
 Canopy - **SECURED & LATCHED**
 Safety Harness - **FASTENED**
 Control Stick - **FREE & CORRECT**
 Flaps - **RETRACTED**
 Parking Brake - **OFF**
 Switches - **OFF**
 Avionics - **OFF**
 Master - **OFF**
 Circuit Breakers - **IN**
 Fuel Valve - **ON**
 Ignition - **OFF**
 Plugs and Cords - **REMOVED**
 M.I.S.A.F.E - **CHECK**

START

Start Time - **NOTE**
 Hobbs Time - **NOTE**
 Keys - **IN IGNITION**
 Fuel Valve - **ON**
 Throttle - **IDLE**
 Choke - **AS NEEDED**
 Brakes - **SET**
 Master - **ON**
 Fuel Qty - **CHECK**
 Prop Area - **CLEAR**
 Ignition - **START**
 Choke - **OFF (Slowly)**
 Oil Pressure - **GREEN IN 10s**
 Adjust RPM as needed
 Warm Up - **2000 RPM, 2 MINS**

AFTER START

Intercom - **ON (VOL 12, SQL 11)**
 Radio - **ON (VOL 2 O'CLOCK)**
 Transponder - **STBY 1200**
 Beacon - **ON**
 Turn Indicator - **ON**
 Socket - **ON (If Req'd)**
 Instruments - **CHECK**
 ATIS/AWOS - **COPY**
 Altimeter - **SET**
 Radio - **CHECK**

RUN UP

Brakes - **SET**
 Area - **CLEAR**
 Oil Temp - **Wait till 50 Deg Celsius**
 Throttle - **3500 RPM**
 Ignition - **L, BOTH, R, BOTH**
 300 MAX /120 DIFF
 Instruments - **CHECK**
 Throttle - **2000 RPM**

PRE TAKE OFF

Safety Harness - **FASTENED**
 Canopy - **SECURED & LATCHED**
 Instruments - **CHECK**
 Choke - **OFF**
 Master - **ON**
 Ignition - **BOTH**
 Controls - **FREE**
 Fuel - **ON & QTY**
 Flaps - **1 NOTCH (15 DEGREES)**
 Trim - **NEUTRAL**

RUNWAY CHECK

Pick No Go Point - **DETERMINE**
 T/O Engine Failures - **REVIEW**
 Transponder - **ALT**
 Ldg Light - **ON**
 Time - **NOTE**
 Full Power (on takeoff) - **CHECK**

POST TAKE-OFF

Flaps - **RETRACT (150 FT AGL)**
 Ldg Light - **OFF**
 Instruments - **GREEN**

PRE-LANDING

Canopy - **SECURED & LATCHED**
 Safety Harness - **FASTENED**
 Brakes - **TEST**
 Fuel - **ON & QTY**
 Ldg Light - **ON**
 Master - **ON**
 Ignition - **BOTH**
 Choke - **OFF**
 Instruments - **GREEN**

POST-LANDING

Clear Runway - **CHECK**
 Flaps - **RETRACTED**
 Ldg Light - **OFF**
 Transponder - **STBY**
 Taxi Clearance - **CHECK (If Req'd)**

SHUTDOWN

Throttle - **IDLE**
 Instruments - **CHECK**
 Intercom - **OFF**
 Radio - **OFF**
 Transponder - **OFF**
 Beacon - **OFF**
 Turn Indicator - **OFF**
 Other Switches - **OFF**
 Ignition - **OFF**
 Master - **OFF**
 Flight Plan - **CLOSE**
 Keys - **PLACE ON SEAT**
 Hobbs - **NOTE**

C-IMJK CHECKLIST v2.05

EMERGENCY CHECKLIST & CRITICAL SPEEDS (C-IMJK)

ENGINE FAILURE ON TAKE-OFF RUN

Throttle – **IDLE**
Brakes – **APPLY**
Fuel – **OFF**
Ignition – **OFF**
Master - **OFF**

ENGINE FAILURE ON TAKE-OFF

Speed – **BEST GLIDE (57, 52 KIAS)**
Land – **AHEAD IN FIELD OF VIEW**

ENGINE FAILURE IN FLIGHT

Speed – **TRIM BEST GLIDE (57 KIAS)**
Look for suitable landing
Mayday - **CALL**
Master – **ON**
Fuel – **ON**
Choke – **AS NEEDED**
Throttle – **IDLE**
Attempt Restart – **Ignition BOTH or START (if prop not rotating)**
Passenger - **BRIEF**
Canopy – **SECURED**
Safety Harness – **FASTENED**
Fuel – **OFF**
Ignition – **OFF**
Master – **OFF**
Flaps - **50**

ENGINE FIRE ON GROUND

Fuel – **CLOSE**
Throttle -**FULL**
Heat – **OFF**
Air – **CLOSE**
Ignition –**OFF**
Master –**OFF**
Airplane –**EXIT**
Fire Extinguisher –**USE**

ENGINE FIRE IN FLIGHT

Fuel – **CLOSE**
Throttle -**FULL**
Heat – **OFF**
Air – **CLOSE**
Speed – **BEST GLIDE (57 KIAS)**
Ignition –**OFF**
Master –**OFF**
Slip – **PERFORM (Altitude permitting to extinguish fire)**

SPEEDS

Vne – **146 KIAS**
Vno – **103 KIAS**
Va – **86 KIAS**
Vfe – **70 KIAS**

Vs – **42 KIAS**
Vso - **37**

Vy w flaps – **55 KIAS**
Vy w/o flaps – **62 KIAS**

Vx w flaps – **52 KIAS**
Vx w/o flaps – **56 KIAS**