

Virtavia A-4E SKYHAWK PROCEDURES

For detailed instructions on systems and instruments, refer to the manual. For suggested speeds, see the Reference Section at the end of the manual.

BEFORE STARTING ENGINES

- Master Battery Switch -- ON
- Fuel Quantity -- CHECK
- LOX Quantity -- CHECK
- De-ice -- OFF
- Aircraft Lighting -- OFF
- Altimeters -- SET

STARTING ENGINES

- Beacon Lights -- ON
- Throttle Lever -- IDLE
- Throttle Lever Fuel Button -- PRESS
- Depress and Hold Start Switch (5-10 secs) -- ON
- RPM over 20% and increasing -- CHECK
- Release Start Switch -- OFF
- Generator Switch ON -- CHECK
- Fuel Flow 1,000 PPH -- CHECK
- EGT 550 degrees -- CHECK
- Oil Pressure 50 PSI -- CHECK

BEFORE TAXI

- Anti-ice -- AS REQD
- Taxi and Navigation Lights -- ON
- AFCS Yaw Damper -- ON
- Flight Controls -- CHECK
- Speed Brakes -- CHECK OPERATION
- Wing Spoilers down (later A-4Es only) -- CHECK

TAXI AND BEFORE TAKEOFF

- Brakes -- CHECK
- Speed Brakes closed-- CHECK
- Canopy shut and locked -- CHECK
- Flight Instruments -- CHECK no red flags
- Engine Instruments -- CHECK all operating
- Takeoff Data -- CHECK
- Radio ON -- CHECK

TAKEOFF (GROUND)

- Flaps (one division) -- SET
- Pitch Trim (5 deg. UP) -- SET
- Thrust Lever -- 100% RPM -- SET
- VR - ROTATE -- CHECK
- Landing Gear -- UP AFTER POSITIVE RATE OF CLIMB
- Flaps -- RETRACT

AFTER TAKEOFF

- Thrust Lever to Desired Rate of Climb -- SET
- Gear -- UP AFTER POSITIVE RATE OF CLIMB
- Taxi Light -- OFF

CLIMB

- Climb speed 350 KIAS -- CHECK
- Climb power 90% RPM -- CHECK
- Altimeters -- 29.92 CROSSING 18,000 FEET -- RESET

CRUISE

- De-ice -- AS REQUIRED
- RPM at 70% -- CHECK

DESCENT

- Nav Radios -- SET
- De-ice -- AS REQUIRED
- Altimeters -- RESET TO LOCAL CROSSING 18,000 FEET
- Fuel Quantity -- CHECK
- LOX Quantity -- CHECK

APPROACH

- Flaps full down below 200 KIAS -- SET
- Gear down below 180 KIAS (3 circles) -- CHECK
- Taxi Light Switch -- ON
- Flaps -- Down one division -- SET
- Speed 120 KIAS -- CHECK
- Wing Auto Spoilers (where fitted) -- ON

BEFORE LANDING

- Angle of Attack -- 3 o'clock on AoA Gauge -- CHECK
- Angle of Attack -- yellow circle on AoA Indexer -- CHECK

LANDING

- Brakes -- AS REQUIRED
- Speed Brakes -- AS NEEDED
- Touchdown speed 80 KIAS -- CHECK

AFTER LANDING/CLEARING RUNWAY

- NAV radio -- OFF
- De-ice -- OFF
- Cockpit Lights -- AS DESIRED
- Speed Brakes -- RET
- Flaps Retracted -- SET

SHUTDOWN

- Throttle Lever to IDLE -- SET
- Throttle Lever Fuel Button to SHUTDOWN -- PRESS
- Taxi, Nav and Beacon Lights -- OFF
- Cockpit Lights -- OFF
- AFCS Yaw Damper -- OFF
- Generator Switch -- OFF
- Master Battery Switch -- OFF

NOTE: This aircraft's real-world checklists have been modified for use with Flight Simulator.