

## F-5E "Tiger II" Start-Up Procedure

F-5E Start-up Checklist	Long Start-up
- Master Arm to SAFE	LH
<b>Set BATT to ON</b>	<b>RH</b>
<b>Set GENERATORS to ON</b>	<b>RH</b>
<b>Set BOOST PUMPS to ON</b>	<b>RH</b>
<b>COMMS: Connect Air Supply</b>	<b>Comms</b>
<b>COMMS: Supply air to LEFT ENG</b>	<b>Comms</b>
- L Eng RPM $\geq 10\%$	RF
<b>Push L ENG START</b>	<b>LH</b>
<b>Set L ENG to IDLE</b>	<b>HOTAS</b>
- IDLE RPM (49 to 52%)	RF
- EGT no less than 140° C	RF
- Nozzle position 60 to 79%	RF
- Fuel flow rate about 400 pph	RF
- Oil pressure between 5 and 20 psi	RF
- UTILITY hydraulic pressure between 2800 and 3200 psi	RF
- Aux intake door position set to BARBER POLE	RF
<b>COMMS: Supply air to RIGHT ENG</b>	<b>Comms</b>
- L Eng RPM $\geq 10\%$	RF
<b>Push R ENG START</b>	<b>LH</b>
<b>Set L ENG to IDLE</b>	<b>HOTAS</b>
- IDLE RPM (49 52 %)	RF
- EGT no less than 140° C	RF
- Nozzle position 60 to 79%	RF
- Fuel flow rate about 400 pph	RF
- Oil pressure between 5 and 20 psi	RF
- UTILITY hydraulic pressure between 2800 and 3200 psi	RF
- Aux intake door position set to OPEN	RF
<b>COMMS: Disconnect Air Supply</b>	<b>Comms</b>
<b>Set AIRBRAKES to RETRACT</b>	<b>HOTAS</b>
<b>Set FLAP MODE to THUMB SWITCH</b>	<b>LH</b>
<b>Set Flap Thumb Switch to AUTO</b>	<b>HOTAS</b>
<b>Set DAMPERS to ENABLE</b>	<b>L ARM</b>
<b>Close CANOPY</b>	<b>RH</b>
<b>Set O2 SUPPLY to ON</b>	<b>RH</b>
<b>Set PITCH TRIM for Takeoff (6 clean - 9 heavy)</b>	<b>LF/Stick</b>
<b>Set ALT to 0 (for AGL)</b>	<b>LF</b>
<b>Set SAI to -3</b>	<b>LF</b>
<b>Set PAI to -3</b>	<b>LF</b>
<b>Set AUTO-BALANCE to LEFT LOW</b>	<b>RH</b>
<b>Set PITOT HEAT to ON</b>	<b>RH</b>
<b>Set both ANTI-ICE to ON</b>	<b>RH</b>
<b>COMMS: Remove Wheel Chocks</b>	<b>Comms</b>
<b>MASTER CAUTION Reset</b>	<b>RF</b>

	Long Start-up
<b>Set RWS POWER to ON</b>	<b>RF</b>
<b>Set RWS SEARCH to ON</b>	<b>RF</b>
<b>Set EXT NAV lights (as required)</b>	<b>R Elbow</b>
<b>Set FORMATION lights (as required)</b>	<b>R Elbow</b>
<b>Set BEACON to ON</b>	<b>R Elbow</b>
<b>Set UHF to BOTH</b>	<b>C</b>
<b>Set UHF FREQUENCY (as required)</b>	<b>C</b>
<b>Set CHAFF (as required)</b>	<b>L Arm</b>
<b>Set FLARE (as required)</b>	<b>L Arm</b>
<b>Set IFF MASTER to NORMAL</b>	<b>R Arm</b>
<b>Set IFF CODE to A / B</b>	<b>R Arm</b>
<b>Set IFF TEST and MODE (as required)</b>	<b>R Arm</b>
<b>COMMS: Remove Wheel Chocks</b>	<b>Comms</b>
- Set Throttle to 85% to Taxi	
- Hold NWS when steering	
- Rotation speed = 145 (clean) - 190 (heavy)	
<b>Set RADAR to STBY</b>	<b>L ARM</b>
<b>Set HSI to RUNWAY HDG (CRS knob)</b>	<b>LF</b>
<b>Extend NOSE STRUT</b>	<b>LF</b>
<b>Set FLAPS to AUTO</b>	<b>HOTAS</b>
<b>Set EJECT SEAT to ARMED</b>	<b>RH</b>