

F-16C "Viper" Start-Up Procedure

F-16C Start-up Checklist	Long Start-up
Set MAIN PWR to BATT	L Arm
- FLCS RLY is ON	L Arm
Set & Hold FLCS PWR to TEST	L Arm
- FLCS PWR x4 is ON	L Arm
- FLCS RLY is OFF	L Arm
- TO FLCS is ON	L Arm
- FLCS PMG is ON	L Arm
Set MAIN PWR to MAIN PWR	L Arm
- EPU GEN & EPU PMG are OFF	R Arm
Set PARKING BRAKE to ON	LH
Close CANOPY & Lock	LH
Set ENG FEED to NORM	L Arm
Set AIR SOURCE to NORM	R Arm
Set JFS to START 2	L Arm
- JFS RUN is ON	L Arm
- FLCS RLY is OFF	L Arm
- TO FLCS is ON	L Arm
- FLCS PMG is ON	L Arm
- ENG RPM at 20-25%	RF
Set ENG to IDLE	HOTAS
- SEC is OFF	RF
- ENGINE is OFF	R Brow
- STBY GEN is OFF	R Brow
- MAIN GEN is OFF	R Brow
- JFS is OFF	L Arm
- HYD/OIL PRESS warning light Off	R Brow
- Fuel Flow = 700 - 1700 pph	RF
- Oil pressure \geq 15 psi (min)	RF
- Nozzle Position > 94 %	RF
- Engine RPM = 62 - 80 %	RF
- FTIT \leq 650° C	RF
- Hydraulic Pressure (A & B) = 2850 - 3250 psi	RH
- AIR SOURCE to NORM	R Arm
Set MMC to ON	R Arm
Set ST STA to ON	R Arm
Set MFD to ON	R Arm
Set UFC to ON	R Arm
Set GPS to ON	R Arm
Set LEFT HDPT to ON (HTS pod only)	RH
Set RIGHT HDPT to ON (TGP only)	RH
Set FCR to ON	RH
Set RDR ALT to STBY	RH

Set COMM1 & 2 PWR/VOL to ON
Set COMM1 & 2 MODE to SQL
Set UHF Backup to BOTH
Scroll HUD SYM to UP
Set C&I to UFC
Set EGI to STOR HDG
- 10 RDY (90 sec)
Set EGI to NAV
Set MIDS LVT to ON
Select XMT to L16
Set IFF to NORM
Uncage SAI
Set STORES CONFIG to CASE I / CASE III
Set O2 SUPPLY to ON
Set O2 EMERGENCY to NORMAL
Set O2 DILUTER to NORMAL
- O2 Pressure in GREEN
- O2 Flow is flashing
Set THREAT WARNING AUX SYS PWR to ON
Set CMDS RWR to ON
Set CMDS JMR to ON
Set CMDS CH to ON
Set CMDS FL to ON
Set CMDS MODE to MAN
Set CMDS PRGM to 1/2/3/4 (if required)
Load DTC via DTE (coming)
Clear avionic faults on the TEST page (coming)
Set LIGHTS LANDING to ON
Set PARKING BRAKE to ANTI-SKID
Set NWS to ON
- Taxi speed < 25 kts
- Taxi turn speed \leq 10 kts
- Landing gear raised before 300 kts
At TAKE-OFF
Set LIGHTS LANDING to OFF
Set PROBE HEAT to ON
Set NWS to ON
Set SPEED BRAKES to CLOSED
Set RDR ALT to ON
Set EJECT SEAT to ARMED
- Set NWS to OFF at 70 kts
- Rotate 8-12° at 10-15 kts below take-off speed
- Landing gear raised before 300 kts

Long Start-up
L Arm
L Arm
L Arm
UFC
L Arm
R Arm
DED
R Arm
R Arm
HSD
L Arm
RF
RH
R Arm
R Arm
R Arm
R Arm
R Arm
R Arm
LH
LH
LH
LH
LH
LH
LH
LH
R Arm
RF
LH
LH
HOTAS
HUD
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LH
L Arm
HOTAS
HOTAS
RH
RH
HOTAS
HUD
HUD