

F-16C "Viper" QRT Start-Up Procedure

F-16 Start-up Checklist	Long Start-up
Set MAIN PWR to MAIN PWR	L Arm
Set PARKING BRAKE to ON	LH
Close CANOPY & Lock	LH
Set JFS to START 2	L Arm
- ENG RPM at 20-25%	RF
Set ENG to IDLE	HOTAS
- Engine RPM = 62 - 80 %	RF
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 <i>(HTS pod only)</i>	RH
Set RIGHT HDPT to ON <i>(TGP only)</i>	RH
Set FCR to ON	RH
Set RDR ALT to STBY	RH
Set UHF Backup to BOTH	L Arm
Scroll HUD SYM to UP	UFC
Set EGI to STOR HDG	R Arm
- 10 RDY (90 sec)	DED
Set EGI to NAV	R Arm
Set MIDS LVT to ON	R Arm
Set IFF MASTER to NORM	L Arm
Uncage SAI	RF
Set STORES CONFIG to CASE I / CASE III	RH
Set THREAT WARNING AUX SYS PWR to ON	LH
Set CMDS RWR to ON	LH
Set CMDS JMR to ON	LH
Set CMDS CH to ON	LH
Set CMDS FL to ON	LH
Set CMDS MODE to MAN / SEMI / AUTO / BYP	LH
Set CMDS PRGM to 1 / 2 / 3 / 4 <i>(if required)</i>	LH
Set LIGHTS LANDING to ON	LH
Set PARKING BRAKE to ANTI-SKID	LH
Set NWS to ON	HOTAS
- Taxi speed < 25 kts	HUD
- Taxi turn speed ≤ 10 kts	HUD

At TAKE-OFF	Long Start-up
Set LIGHTS LANDING to OFF	LH
Set PROBE HEAT to ON	L Arm
Set NWS to ON	HOTAS
Set SPEED BRAKES to CLOSED	HOTAS
Set RDR ALT to ON	RH
Set EJECT SEAT to ARMED	RH
- Set NWS to OFF at 70 kts	HOTAS
- Rotate 8-12° at 10-15 kts below take-off speed	HUD
- Landing gear raised before 300 kts	HUD

TO Weight (lbs) ▲	TO Speed (kias)
20000	128
24000	142
28000	156
32000	168
36000	178
40000	188
44000	198