

LETSFLYVFR.com - Falcon BMS 4.38 F-16C Viper Startup Checklist

For Simulator Use Only - Cold & Dark Startup Procedure

POWER & SYSTEMS INITIALIZATION

1. Battery - ON | Panel/Notes: Left console (FLCS Power)
2. MAIN PWR - MAIN | Panel/Notes: Right eyebrow switch
3. AVIONICS MASTER - OFF | Panel/Notes: Keep OFF for now
4. Comms Panel - UHF to Both | Panel/Notes: Optional, for ground ATC

ENGINE START SEQUENCE

1. JFS Start - START 1 | Panel/Notes: Left console (Engine start panel)
2. Monitor RPM & FTIT | Panel/Notes: Wait for ~20% RPM, FTIT should rise then stabilize
3. Throttle to IDLE (past detent) | Panel/Notes: Use SHIFT + Home if needed
4. Engine RPM - Climb to ~60% | Panel/Notes: Monitor stable engine behavior
5. FLCS BIT - Auto Runs | Panel/Notes: Confirm 5 FLCS test lights momentarily
6. FLCS Status - Check | Panel/Notes: -FLCS- light out = OK

ELECTRICAL & EPU SYSTEM

1. Main Gen - ON | Panel/Notes: Engine Panel
2. STBY Gen - ON | Panel/Notes: Engine Panel (optional)
3. EPU - ARM | Panel/Notes: EPU control panel
4. EPU Fuel Switch - NORM | Panel/Notes: Ensure not set to OFF
5. ENG Feed - NORM | Panel/Notes: Left Console

AVIONICS & SENSORS

1. AVIONICS MASTER - ON | Panel/Notes: After stable engine/gen
2. INS Mode - STOR HDG / NAV | Panel/Notes: Left console (INS panel)
3. Wait for INS ALIGN | Panel/Notes: STOR HDG: 3-4 mins / NAV: 8+ mins
4. Enter Lat/Long if needed | Panel/Notes: DED - LIST - 6 INS
5. Set MFDs | Panel/Notes: FCR, HSD, SMS, TGP etc.
6. Set Radar Altimeter - ON | Panel/Notes: Left side panel
7. Oxygen - Supply ON | Panel/Notes: Life support panel

COMM & SYSTEM CONFIG

1. Set UHF/VHF Frequencies | Panel/Notes: DED: COMM 1 & 2
2. Set IFF to STBY | Panel/Notes: LIST - 4 IFF
3. Set Master Arm - OFF | Panel/Notes: Right eyebrow panel
4. Set Laser Code (if needed) | Panel/Notes: DED TGP page (if carrying laser-guided weapons)
5. Load DTC if available | Panel/Notes: LIST - 0 DTE

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FINAL ITEMS (Pre-Taxi)

1. Canopy - Close & Lock | Panel/Notes: Right side panel
2. Seat - ARM | Panel/Notes: Right console
3. Parking Brake - Set | Panel/Notes: Left console
4. Exterior Lights - As Required | Panel/Notes: Taxi / Formation / Anti-collision
5. INS Knob - NAV | Panel/Notes: Only after alignment complete
6. Check Flight Controls | Panel/Notes: Move stick & rudder - confirm response
7. Trim Set | Panel/Notes: Nose slightly down, wings level
8. Ready for Taxi | Panel/Notes: Contact tower / ground as needed

OPTIONAL POD / PAYLOAD CHECKS

1. HTS Pod | Panel/Notes: Right Intake (Sta 5R) for SEAD
2. LANTIRN / SNIPER Pod | Panel/Notes: Left Intake (Sta 5L) for TGP
3. ECM Pod | Panel/Notes: Centerline or wing
4. Fuel Tanks | Panel/Notes: Optional 370gal (wing) or 300gal (center)
5. JHMCS | Panel/Notes: Automatic if selected loadout

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