

SCRAMBLE OPERATION

- BATT switch.....ON
- APU switch.....ON
 - APU READY light.....GREEN
- OBOGS switch.....ON
- ENG CRANK switch.....RIGHT POS
- Right throttle (RPM > 25%).....IDLE
- L/R-DDIs, MPCD and HUD.....ON
- COMM1 & COMM2 radios.....AS REQUIRED
- RADAR knob.....OPER
- INS knob.....GND/CV
- ANTI SKID switch.....ON/OFF
- L-DDI: select page.....FCS
- R-DDI: BIT page.....OSB STOP
- ENG CRANK switch.....LEFT POS
- Left throttle (RPM > 25%).....IDLE
- Canopy.....CLOSE
- FLAP switch.....HALF
- T/O TRIM button.....DEPRESS
- FCS RESET button.....DEPRESS
- Standby ADI.....UNCAGE
- RADAR altimeter.....450/370 ft
- BINGO fuel.....AS REQUIRED
- L/R-DDIs: select pages.....CHECKLIST / FCS
- INS knob (alignment complete).....NAV
- Parking brake.....RELEASE
- Ejection seat handle.....ARM
- ALR-67 RWR power button.....ON
- Standby barometric altimeter.....QFE
- L/R-DDIs: select pages.....HUD / RADAR

PREFLIGHT CHECKS

- Parking brake SET
- ANTI SKID switch ON/OFF
- Master Arm switch SAFE
- Wing fold handle MATCHES WING POS
- Ejection seat handle SAFE
- If required, tell Chief to PLACE the WHEEL CHOCKS.

ENGINE START

- BATT switch ON
 - Essential and utility batteries ~ 28 V
- Brake pressure ~ 3000 PSI
- FIRE warning test PERFORM
 - FIRE test switch TEST A & HOLD
 - Wait 10 sec for tape to rewind or reset battery switch.
 - FIRE test switch TEST B & HOLD
- APU switch ON
 - APU ACC caution light ON
 - APU READY light GREEN
- ENG CRANK switch RIGHT POS
- Right throttle (RPM > 25%) IDLE
- GPWS voice alerts ROLL LEFT, ROLL LEFT
- EMI/IFEI - right engine CHECK
 - N₂ RPM 63 – 70%
 - EGT 190 – 590°C
 - FF 420 – 900 PPH
 - NOZ 73 – 84%
 - OIL 45 – 110 PSI

ENGINE START

- BLEED AIR knob (**RPM > 60%**) CW 360°
- Caution and warning lights switch.....TEST
- Internal lighting.....AS REQUIRED
- Canopy.....CLOSE
- L/R-DDIs, MPCD and HUD.....ON
- COMM 1 and COMM 2 radios.....AS REQUIRED
- Radio **ATC** and **REQUEST START-UP**.
- Master caution button.....DEPRESS
 - L-DDI - FCS page.....**2 or R**
- R-DDI: FCS BIT page.....OBS STOP
- ENG CRANK switch.....LEFT POS
- Left throttle (**RPM > 25%**).....IDLE
- Master caution button.....DEPRESS
 - Left DDI.....**1 or L**

BEFORE TAXI

- MPCD: HSI page.....OBS DATA
 - A/C coordinates.....CHECK
- RADAR knob.....OPER
- INS knob.....GND/**CV**
- FCS RESET button.....DEPRESS
 - L-DDI: FCS page.....**X** (WINGS FOLDED: AILERON **X**)
- Flap switch.....AUTO
- FCS (cold weather).....BIT
 - FCS switch.....DEPRESS & HOLD
 - R-DDI: FCS page.....OBS FCS-MC
 - R-DDI: FCS-MC page.....OBS FCS

BEFORE TAXI

- Flap switch.....HALF
- Takeoff trim button.....DEPRESS
 - Stabilator.....12°/16°-19°
- OBOGS switch.....ON
- Four down test:
 - Pitot heat.....ON ⇒ AUTO
 - Arrestor hook.....DOWN ⇒ UP
 - Speed brake.....EXTEND ⇒ RETRACT
 - Refueling probe.....EXTEND ⇒ RETRACT
 - Launch bar.....EXTEND ⇒ RETRACT
- Standby attitude indicator.....UNCAGE
- RADAR altimeter.....450/370 ft
- Soft altitudes.....SET
 - MPCD: A/C page.....OBS DATA ⇒ A/C ⇒ RADAR ALT
 - UFC enter.....450/370 ft
- INS knob (**alignment complete**).....NAV
- ALR-67 RWR power button.....ON
- BINGO fuel.....AS REQUIRED
- Hand brake.....RELEASE
- Attitude source.....STBY
 - Verify HUD shows standby attitude data.
 - Agreement standby and INS data.....CHECK
 - R-DDI: FCS Page CH 1/3 of PROC row.....X
- Standby barometric altimeter.....QFE
- LDG/TAXI LIGHT switch.....ON
- If required, tell Chief to REMOVE the WHEEL CHOCKS.

TAXI

- Radio **ATC** and **REQUEST** premission to **TAXI TO RUNWAY**.
- Normal breakes.....**CHECK**
- Nosewheel steering.....**CHECK**
- Throttle~70-75% RPM

BEFORE TAKEOFF

- Radio **ATC** and **REQUEST** permission for **TAKE-OFF**.
- Canopy.....**CLOSED**
- WING FOLD.....**SPREAD & LOCK**
- IFF.....**ON**
- PARK BRK handle.....**FULLY STOWED**
- MENU checklist.....**COMPLETE**
- Engines (if desired).....**MIL CHECK**
 - N₂ RPM.....**92-102%**
 - EGT.....**715-830°C**
 - FF.....**6000-9000 PPH**
 - NOZ.....**0-57%**
 - OIL.....**95-180 PSI**

AFTER TAKEOFF

- LDG GEAR handle.....**UP**
- FLAP switch.....**AUTO**
- ALT switch (> 3000 ft).....**BARO**
- L/R-DDI: select pages.....**HUD/RADAR**

CLIMB

- Maintain 350 knots to 10,000 feet.

10,000 FEET

- Cockpit altimeter.....CHECK
- Fuel transfer.....CHECK
- Radar altimeter low alt warning system.....CHECK/SET

LANDING

- ENG ANTI ICE switch.....CHECK/SET
- PITOT ANTI ICE switch.....AUTO
- DEFOG handle.....HIGH
- WINDSHIELD switch.....AS DESIRED
- Altimeter setting.....CHECK
- Radar altimeter.....SET AND CHECK
- HUD.....NAV MASTER MODE
- ARA-63 (ILS)ON AND CHANNEL SET
- IFF.....AS DIRECTED
- Weapons/sensors.....AS REQUIRED