

## 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 (2x), FLIGHT CONTROLS (2x)
- EMI/IFEI - right engine ..... CHECK
  - N<sub>2</sub> 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**
- ALR-67 RWR power button.....**ON**
- BINGO fuel.....**AS REQUIRED**
- INS knob (**alignment complete**).....**NAV**
- Hand brake.....**RELEASE**
- Shoulder harness control handle.....**LOCK**
- 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**
- L/R-DDI: select pages.....**CHECKLIST/FCS**
- 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 N<sub>2</sub> RPM.....~70-75%

## 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
- L/R-DDI: select pages.....HUD/FC
- Engines (if desired).....MIL CHECK
  - N<sub>2</sub> 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