

SCRAMBLE OPERATION

- Battery switch.....ON
- Fire detection switch.....**FIRE TEST A ⇒ B**
- APU switch.....ON
- ENG CRANK switch.....**RIGHT POS**
- Right throttle (RPM > 25%) **IDLE**
- BLEED AIR knob (RPM > 60%)**CW 360°**
- Caution and warning lights switch.....**TEST**
- DDI's, MPCD and HUD.....ON
- Left DDI - select page.....**FCS**
- Right DDI - select page.....**BIT**
- COMM 1 and COMM 2 radios **AS REQUIRED**
- Right engine.....**CHECK**
- ENG CRANK switch **LEFT POS**
- Left throttle (RPM > 25%).....**IDLE**
- INS knob.....**GND or CV**
- RADAR knob.....**OPER**
- OBOGS switch.....ON
- OXY FLOW knob.....ON
- FCS RESET button.....**DEPRESS**
- Flap switch.....**AUTO**
- Takeoff trim button.....**DEPRESS**
- FCS bit switch and FCS OBS on BIT/FCS page **DEPRESS**
- Four down test.....**CHECK**
- Hand brake.....**RELEASE**
- BINGO fuel **SET**
- Standby barometric altimeter.....**SET**
- RADAR altimeter **200/40 ft**
- Standby attitude indicator.....**UNCAGE**
- Attitude source.....**STBY**

PREFLIGHT CHECKS

- Parking brake **SET**
- ANTI SKID switch **ON/OFF**
- Master Arm switch **SAFE**
- OXY FLOW knob **ON**
- Wing fold handle **MATCHES WING POS**
- Ejection seat handle **SAFE**

ENGINE START

- BATT switch **ON**
 - Essential and utility batteries **~ 28 V**
- 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 > 15%**) **IDLE**
- GPWS voice alerts **CHECK**
 - OFP 15C **ROLL LEFT, ROLL LEFT**
 - OFP 13C **ROLL OUT, ROLL OUT**
- EMI/IFEI - right engine **CHECK**
 - RPM N₂ **63-70%**
 - Temperature **190-590°C**
 - Fuel flow **420-900 PPH**
 - Nozzle position **73-84%**
 - Oil pressure **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 > 15%**).....IDLE
- Master caution button.....DEPRESS
 - Left DDI..... **1 or L**

BEFORE TAXI

- MPCD: HSI page.....OBS DATA
 - A/C coordinates.....CHECK
- INS knob.....GND/CV
- RADAR knob.....OPER
- WING FOLD.....SPREAD & LOCK
- 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
- Flap switch.....HALF
- Takeoff trim button.....DEPRESS
 - Stabilator.....12°
- OBOGS switch.....ON
- Four down test:
 - Pitot heat.....ON ⇒ OFF
 - Arrestor hook.....DOWN ⇒ UP
 - Speed brake.....EXTEND ⇒ RETRACT
 - Refuelling probe.....EXTEND ⇒ RETRACT
 - Launch bar.....EXTEND ⇒ RETRACT
- Standby attitude indicator.....UNCAGE
- Soft altitudes.....SET
 - MPCD: A/C page.....OBS DATA ⇒ A/C ⇒ RADAR ALT
 - UFC enter.....450 ft
- BINGO fuel.....SET
- Hand brake.....RELEASE
- Standby barometric altimeter.....SET

TAXI

- If required, tell Chief to REMOVE the WHEEL CHOCKS.
- Radio ATC and REQUEST premission to TAXI TO RUNWAY.
- Normal breakes.....CHECK
- Nosewheel steering.....CHECK

BEFORE TAKEOFF

- Canopy.....CLOSED
- IFF.....ON
- PARK BRK handle.....FULLY STOWED
- MENU checklist.....COMPLETE
- Engines.....MIL CHECK (if desired)
- Radio ATC and REQUEST permission for TAKE-OFF.