

## 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
- HOOK BYPASS switch switch ..... FIELD/CARRIER
- MASTER arm switch ..... SAFE
- WING FOLD handle ..... MATCHES WING POS
- Ejection seat arming 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 ..... LIT
- 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
- BLEED AIR knob (RPM > 60%) ..... CW 360°

## ENGINE START

- Master caution button.....DEPRESS
- Caution and warning lights LT TEST switch.....TEST
- Internal lighting.....AS REQUIRED
- Canopy.....CLOSE
- L/R-DDIs, MPCD and HUD.....ON
- L-DDI: select page.....FCS
- 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
  - R-DDI: FCSA, FCSB.....TESTING ⇒ **GO**

# BEFORE TAXI

- FLAP switch.....HALF
- T/O 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 ADI.....UNCAGE
- RADAR altimeter.....450/370 ft
- Soft altitudes.....SET
  - MPCD: A/C page.....OBS DATA ⇒ A/C ⇒ RADAR
  - 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
- ATT switch.....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
- NWS.....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 N<sub>2</sub> RPM.....~**70-75%**

## BEFORE TAKEOFF

- Radio **ATC** and **REQUEST** permission for **TAKE-OFF**.
- Canopy.....**CLOSED**
- WING FOLD handle.....**SPREAD & LOCK**
- IFF.....**ON**
- PARK BRK handle.....**FULLY STOWED**
- Ejection seat handle.....**ARM**
- 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

# FIELD LANDING PATTERN

# CARRIER LANDING PATTERN