

C-17A PILOT’S QUICK REFERENCE CHECK- LIST

COCKPIT PREPARATION

- GEAR HANDLE - DOWN
- ENGINE IGNITION - NORM
- BATT SWITCH - ON/LOCKED
- EMERG PWR SWITCH - AUTO
- WAP - CHECKED
- APU/ENG FIRE DETECTION SYS - TEST-ED
- EXT PWR SWITCH - ON (If Available)
- SMOKE DETECTION SYS - TEST/ARM
- EMERG LT - ON/OFF/ARM
- FLIGHT DECK EQUIPMENT - CHECKED/SECURED
- CIRCUIT BREAKERS - CHECKED
- UARRSI DOOR HANDLE - CLOSED/STOWED
- PARKING BRAKES - SET
- WAP - CHECKED
- INTERIOR/EXTERIOR LIGHTS - As Re-quired
- ANNUNCIATOR/DIGITAL LIGHTS - TEST-ED
- IRU SWITCHES 1, 2, 3, 4, - ON
- PILOT/COPILOT SENSOR SWITCHING PANEL - SET
- PILOT/COPILOT HUD’S MCD’S, AND MFD’S - ON/ADJUSTED
- COMM/NAV RADIOS - CHECKED
- PILOT/COPILOT STANDBY INSTRU-

- MENTS - CHECKED
- COMM SWITCH PANEL - SET
 - ELECTRICAL PANEL - SET
 - FUEL PANEL - SET
 - ENG SHUT OFF SWITCHES - OFF
 - FUEL QTY CHAN SEL - AUTO
 - HYD PANEL - CHECKED/SET
 - ENVIR PANEL - SET
 - STALL TEST - TESTED
 - ANTI ICE PANEL - SET
 - ENGINE FIRE PULL HANDLES 1, 2, 3, 4 - IN
 - STBY ENG SEL - N2
 - ANTI-SKID/BRAKE TEMP SWITCH - ARM
 - MWS/IRCM PANELS - CHECKED/OFF
 - CMDS PANEL - CHECKED/OFF
 - DEFENSIVE SYSTEMS PANEL - SET

BEFORE STARTING ENGINES

- APU - AS REQUIRED
- PARKING BRAKES - ON
- WAP - CHECKED
- FUEL QUANTITY - CHECKED
- EXTERIOR CLEARANCE - ALL CLEAR

STARTING ENGINES

- MFD’S 2, 3 - SET FOR ENGINE START
- NAV LIGHTS SWITCH - ON
- ANTI-COLLISION LIGHTS SWITCH - FSLG/WING
- ENGINE IGNITION SELECTOR SWITCH - A or B or A&B
- FUEL USED PUSHBUTTON - RESET
- THROTTLES - IDLE
- BLEED AIR SUPPLY PRESSURE - CHECKED

- ENGINE START - STARTING NO. _____
- ENVIR PANEL - SET
- ENGINE ANTI-ICE - AS REQUIRED
- PROBE HEAT SWITCHLIGHTS - AS RE-QUIRED

BEFORE TAXI

- IRCM - AS REQUIRED
- FLAPS/SLATS - CHECKED
- FLIGHT CONTROLS - CHECKED
- APU AND EXTERNAL EQUIPMENT - OFF AND REMOVED (If Required)
- STBY ENG SEL - EPR
- THRUST RATING - SET
- FLAPS - SET
- STABILIZER, RUDDER, AILERON TRIM - SET
- ALTIMETERS - SET
- GROUND CLEARANCE - ALL CLEAR
- COCKPIT WINDOWS - CLOSED
- WAP - CHECKED

BEFORE TAKEOFF

- BRAKES, STEERING, CONTROL STICK - CHECKED
- FLIGHT INSTRUMENTS - CHECKED
- SPOILERS SWITCH - ARM
- DEFENSIVE SYSTEMS - AS REQUIRED
- PROBE HEAT SWITCHLIGHTS - ON
- WAP - CHECKED

LINEUP

- SLATS/FLAPS - SLATS EXTEND, FLAPS 1/2
- EXTERIOR LIGHTS - AS REQUIRED

TAKEOFF - TYPICAL

- TAKEOFF THRUST - SET
- BRAKES - RELEASED
- ROTATION - 12 TO 15 DEGREES PITCH ATTITUDE
- POSITIVE RATE OF CLIMB - GEAR UP
- ABOVE 200 FEET AGL - FD/AP (As Re-quired)

TAKEOFF - TACTICAL PROFILE

- CLIMB OUT - NO SLOWER THAN 230
- ## AFTER TAKEOFF
- LANDING GEAR - UP, THREE GREEN
 - FLAPS/SLATS - UP/RET
 - SPOILERS SWITCH - DEARMED
 - ANTI ICE - AS REQUIRED
 - DEFENSIVE SYSTEMS - AS REQUIRED

AFTER TAKEOFF

- LANDING GEAR - UP, THREE GREEN
- FLAPS/SLATS - UP/RET
- SPOILERS SWITCH - DEARMED
- ANTI ICE - AS REQUIRED
- DEFENSIVE SYSTEMS - AS REQUIRED

CRUISE

- ALTIMETERS - CHECKED
- ANTI ICE - AS REQUIRED
- EXTERIOR LIGHTS - AS REQUIRED
- ENGINE IGNITION SELECTOR SWITCH - AS REQUIRED

DESCENT

- ENGINE IGNITION SELECTOR SWITCH - A or B or A&B
- ANTI ICE - AS REQUIRED
- DEFENSIVE SYSTEMS - AS REQUIRED

APPROACH

- 1. APPROACH MODE - ENGAGED
- 2. EXTERIOR LIGHTS - ON
- 3. ALTIMETERS - CHECKED
- 4. FLAP INDEX - SET
- 5. THRUST RATING - AS REQUIRED
- 6. WAP - CHECKED
- 7. DEFENSIVE SYSTEMS - AS REQUIRED

BEFORE LANDING

- 1. SLATS EXTEND, FLAPS SET
- 2. LANDING GEAR - DOWN, THREE RED
- 3. SPOILERS SWITCH - ARM
- 4. DEFENSIVE SYSTEMS - AS REQUIRED

LANDING - NORMAL

- 1. FPV - -1.0 to -1.5 DEGREES, TOUCH-DOWN RATE OF 240 FPM
- 2. AT MAIN GEAR TOUCHDOWN - THROTTLES - REV IDLE, TOE BRAKES
- 3. REVERSE THRUST - AS REQUIRED
- 4. 70 KCAS - THROTTLES - IDLE (If Required)
- 5. TAXI SPEED - THROTTLES - IDLE

GO AROUND

- 1. THROTTLES - MAX/TOGA - PRESSED
- 2. FLAPS - 1/2
- 3. AIRCRAFT - ACCELERATE/ROTATE
- 4. LANDING GEAR - GEAR UP, THREE GREEN

TOUCH AND GO LANDINGS

- 1. AT TOUCHDOWN - FLAPS 1/2
- 2. SPOILERS - RETRACTED
- 3. THROTTLES - AS REQUIRED
- 4. TOGA SWITCH - PRESSED

AFTER LANDING

- 1. FLAPS/SLATS - UP/RET
- 2. SPOILERS SWITCH - DEARMED
- 3. IRCM MODE CONTROL KNOB - STBY
- 4. EXTERIOR LIGHTS - AS REQUIRED
- 5. CARGO DOOR AND RAMP - AS REQUIRED
- 6. OUTBOARD ENGINES - SHUTDOWN (As Required)

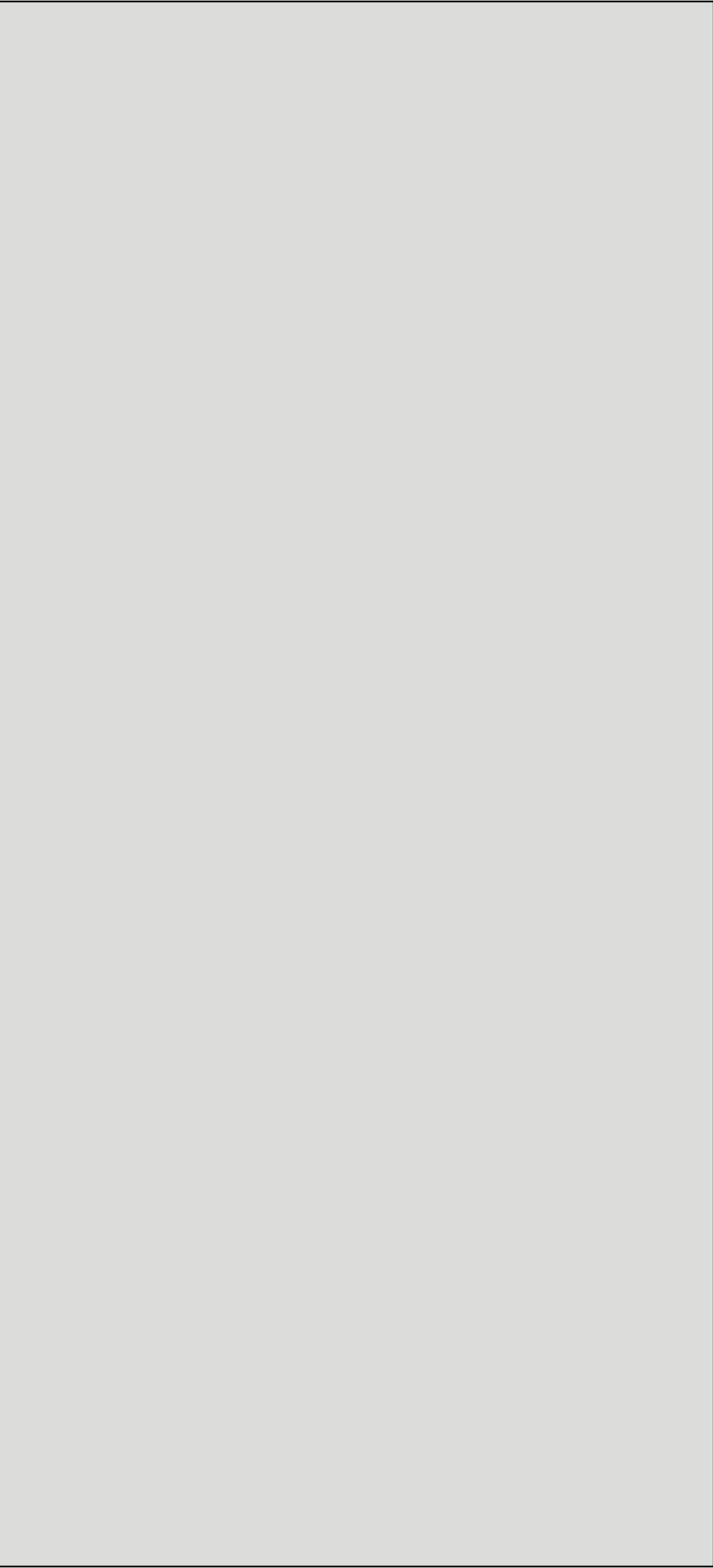
ENGINE SHUTDOWN

- 1. PARKING BRAKES - ON
- 2. CREW ENTRY DOOR - CLEARED TO OPEN
- 3. TRIM - ZERO
- 4. APU/EXT PWR - AS REQUIRED
- 5. ENVIR PANEL - SET
- 6. FUEL PANEL - SET
- 7. ENGINE IGNITION SELECTOR SWITCH - OFF
- 8. PROBE HEAT SWITCHLIGHTS - OFF
- 9. ANTI ICE PANEL - OFF
- 10. FLAPS/SLATS - AS REQUIRED
- 11. THROTTLES - IDLE
- 12. ENG SHUT OFF SWITCHES - OFF

BEFORE LEAVING AIRCRAFT

- 1. INTERIOR AND EXTERIOR LIGHTS - AS REQUIRED
- 2. IRU SWITCHES 1, 2, 3, 4 - OFF
- 3. HUD's - OFF/STOWED
- 4. MFD's - OFF
- 5. STBY ATTITUDE INDICATORS - CAGED
- 6. STBY ENG SEL - OFF
- 7. PARKING BRAKES - SET
- 8. APU/EXT PWR - AS REQUIRED

- 9. APU PWR - OFF
- 10. EXT PWR SWITCH - OFF
- 11. EMERG PWR SWITCH - OFF
- 12. BATT SWITCH - OFF



SECTION II:
MISSION PROCEDURES

- AIRDROP
- AIR REFUELING
- TACTICAL DESCENT
- ASSAULT LANDING
- ALERT COCKING
- ALERT START
- SEMI-PREPARED RUNWAY OPERATIONS

SECTION II:
MISSION PROCEDURES

AIRDROP: PRE-SLOWDOWN

- 1. RED LIGHT - ON
- 2. ADS MODE SWITCH - AS REQUIRED
- 3. NAV SOLUTION - CHECKED
- 4. AIRDROP DISPLAYS - SET

AIRDROP: SLOWDOWN

- 1. SLATS EXTENDED, FLAPS 1/2
- 2. THRUST RATING - SET
- 3. DOORS - CLEAR TO OPEN
- 4. DOORS - OPEN
- 5. ADS ARM ANNUNCIATOR - ILLUMINATED
- 6. FINAL FLAPS - FLAPS SET

AIRDROP: RELEASE POINT

- 1. DOORS - CHECKED
- 2. DROGUE - RELEASED
- 3. WACS - “FIVE, FOUR, THREE, TWO, ONE, GREEN LIGHT”
- 4. GREEN LIGHT - ON / MC SET ON
- 5. AIRDROP - LOAD CLEAR

AIRDROP: POST DROP

- 1. RAMP AND DOOR - CLOSED
- 2. AIRDROP DISPLAYS - OFF
- 3. SLATS/FLAPS - AS REQUIRED
- 4. THRUST RATING - SET
- 5. DOOR SYS ARM SWITCHLIGHT - OFF
- 6. RED LIGHT - OFF

AIR REFUELING

- 1. RADIO CONTACT - ESTABLISHED WITH TANKER
- 2. ALTIMETERS - CHECKED WITH TANKER
- 3. EXTERIOR LIGHTS - AS REQUIRED
- 4. LEVEL OFF - NOTIFY TANKER
- 5. 10 MILES - DEFENSIVE SYSTEMS, EMITTERS - OFF
- 6. 5 MILES - SET UARRSI DOOR, REQUIRED REFUELING VALVES, EXTERIOR LIGHTS (As Required), AP/AT - OFF
- 7. 1 MILE - UARRSI INDICATOR - READY
- 8. ON TANKER LATCH - UARRSI INDICATOR - LATCHED
- 9. ON FUEL TRANSFER - FUEL TANKS - FILLING

AIR REFUELING: POST

- 1. UARRSI SLIPWAY - CLOSED
- 2. UARRSI SLIPWAY SCAVENGE PUMPS - RUN FOR 5 MINUTES
- 3. REFUELING VALVES - CLOSED
- 4. EXTERIOR LIGHTS - AS REQUIRED
- 5. ALTIMETERS - AS REQUIRED
- 6. DEFENSIVE SYSTEMS, EMITTERS - AS REQUIRED

TACTICAL DESCENT

- 1. GEAR HANDLE - UP
- 2. SLATS - RETRACTED
- 3. SPEEDBRAKES - DEPLOYED
- 4. THROTTLE - IDLE REVERSE THRUST
Note: “E” Button on CNC Toggles Reverse Thrust in MSFS
- 5. DESCENT SPEED - 320 KCAS
- 6. LEVEL OFF INITIATION - 2,000 FEET ABOVE DESIRED FINAL ALTITUDE

ASSAULT LANDING

- 1. FLAPS - FULL
- 2. 50 FEET AGL - FLIGHT PATH VECTOR - MOVED UP, THROTTLES - ADVANCED
- 3. FINAL FPV - -1.5 to -2.0 DEGREES

ALERT COCKING PROCEDURE

- 1. AIRCRAFT PREFLIGHT - COMPLETED UNTIL “BEFORE STARTING ENGINES”
- 2. PARKING BRAKES - ON
- 3. NAV LIGHTS SWITCH - ON
- 4. ANTI-COLLISION LIGHTS SWITCH - FSLG/WING
- 5. EMERG LT - OFF
- 6. ALL IRU SWITCHES - OFF
- 7. FUEL QUANTITY - CHECKED
- 8. FUEL USED PUSHBUTTON - CHECKED
- 9. STBY ATTITUDE INDICATORS - CAGED
- 10. MFD’S 2, 3 - SET FOR ENGINE START
- 11. FLAP INDEX - 100
- 12. APU START CONTR SWITCH - OFF
- 13. APU MODE SEL SWITCH - ALERT
- 14. APU START CONTR SWITCH - RUN
- 15. APU PWR SWITCH - ON
- 16. EXT PWR SWITCH - OFF
- 17. EMERG PWR SWITCH - OFF
- 18. BATT SWITCH - OFF
- 19. ALL IRU SWITCHES - ON
- 20. ENGINE IGNITION SELECTOR SWITCH - A&B

ALERT START

- 1. ALERT APU START BUTTON - PRESS
- 2. BATT SWITCH - ON/LOCKED
- 3. EMERG PWR SWITCH - AUTO
- 4. EMERG LT - ARM

- 5. ENGINE START NO. 2 AND NO. 3 - STARTING NO. 2 AND NO. 3
- 6. ALL FUEL BOOST PUMPS - ON
- 7. ENGINE START NO. 1 AND NO. 4 - STARTING NO. 1 AND NO. 4
- 8. HYDRAULIC PUMPS - SET
- 9. ENVIRONMENTAL PANEL - SET
- 10. ENGINE ANTI-ICE - AS REQUIRED
- 11. PROBE HEAT SWITCHLIGHTS - ON
- 12. IRCM - AS REQUIRED
- 13. FLAPS/SLATS - CHECKED
- 14. FLIGHT CONTROLS - CHECKED
- 15. APU AND EXTERNAL EQUIPMENT - OFF AND REMOVED (If Required)
- 16. APU MODE SELECTOR SWITCH - NORM
- 17. PILOT/COPILOT STANDBY INSTRUMENTS - CHECKED
- 18. IRU’S - SET
- 19. COMM/NAV RADIOS - CHECKED
- 20. STBY ENG SEL - EPR
- 21. TOGA MODE - ENGAGED
- 22. THRUST RATING - SET
- 23. FLAP INDEX - SET
- 24. STABILIZER, RUDDER, AILERON TRIM - SET
- 25. ALTIMETERS - SET
- 26. GROUND CLEARANCE - ALL CLEAR
- 27. COCKPIT WINDOWS - CLOSED
- 28. WAP - CHECKED

SEMI-PREPARED RUNWAY TAKEOFF

- 1. TAKEOFF THRUST - SET WHILE MOVING
- 2. LATERAL DEVIATION FROM CENTERLINE - MONITORING

SEMI-PREPARED RUNWAY BEFORE
LANDING

- 1. HUD INTENSITY - REDUCED UNTIL TOUCHDOWN ZONE VISUALLY AC- QUIRED
- 2. DAYLIGHT OPERATIONS: LANDING LIGHTS - RETRACTED PRIOR TO LANDING, REMAIN RETRACTED UN- TIL AFTER TAKEOFF

SEMI-PREPARED RUNWAY LANDING

- 1. FLAPS - FULL
- 2. 60-40 KCAS - THROTTLES - REVERSE IDLE
- 3. 40 KCAS - BRAKING - MODERATED
- 4. AIRCRAFT STOPPED - THROTTLES - IDLE, FLAPS/SLATS - RETRACTED

SEMI-PREPARED RUNWAY AFTER
LANDING

- 1. AS SOON AS POSSIBLE - FLAPS/SLATS - RETRACTED