



CHECKLIST & PROCEDURES

BOEING C-17 GLOBEMASTER III (MILTECH)

EXTERNAL PREFLIGHT

ENGINE COVERS REMOVED
 PILOT COVERS REMOVED
 WHEEL PINS REMOVED
 FRONT GEAR TIRE PRESSURE CHECK
 MAIN GEAR TIRE PRESSURE CHECK

PREFLIGHT INSPECTION

GEAR HANDLE DOWN
 ENG IGNITION NORM/ORIDE SWITCH NORM
 ENG IGNITION SELECTOR SWITCH OFF
 ENG SHUT OFF SWITCHES 1, 2, 3, 4 OFF
 GND OPS PWR SWITCH OFF
 BATT SWITCH ON/LOCKED
 DC X TIE SWITCH AUTO
 EMERG PWR SWITCH AUTO
 XFER BUSES SWITCH AUTO
 L/R AV BUS SWITCHES AUTO
 WAP (WARN/CAUT DISPLAYS) RESET
 RESET MASTER CAUTION, CHECK WAP MSG
 FIRE DETECTION SYSTEM TESTED
 SMOKE DETECTION SYSTEM TESTED
 EXT PWR SWITCH ON (IF AVAILABLE)
 AC X TIE SWITCH AUTO
 BAILOUT ALARM TESTED
 EMERG LIGHTS ARM
 STALL TEST COMPLETE
 ON COMPLETION, VERIFY WAP MESSAGES
 AND SOUNDS

PREFLIGHT CHECKLIST

PARKING BREAKS ON
 WAP (WARN/CAUT DISPLAYS) CHECKED
 INTERIOR/EXTERIOR LIGHTS AS REQUIRED
 COCKPIT LIGHTS AS REQUIRED
 INSTRUMENT LIGHTS AS REQUIRED
 IRU SWITCHES 1, 2, 3, 4 ON
 HUD, MCD, MFD ON AND ADJUSTED
 COMM/NAV RADIOS SET
 PILOT STBY INSTRUMENTS CHECKED
 ELT SWITCH NORM

FED ARM SWITCH DISARM
 OBIGGS L&R SWITCHLIGHTS ON
 COMPT AIR FLOW ON
 TRIM AIR ON
 AVIONICS COOL ORIDE OFF
 W/S DEFOG ON
 L&R W/S ANTI-ICE OFF
 ENG ANTI-ICE OFF
 PROBE HEAT OFF
 NO SMOKING SIGN ON
 FASTEN SEATBELTS SIGNS ON
 ANTI-SKID/BRAKE TEMP SWITCH ARM
 MISSION COMPUTER (FMC) INITIALIZED
 FCS ACTUATOR PANEL EFCS
 FMC SETUP FLIGHT PLAN AND VERIFIED
 FUEL PUMPS #3 ON
 APU STARTER START
 WAIT RPM > 95%
 APU BLEED ON
 APU GENERATOR ON
 HYD2 AND HYD3 AUX PUMPS ON
 VERIFY PRESS PSI > 3000

LOADMASTER CHECKLIST

LOADMASTER COMPUTER ON
 OPEN CARGO RAMP/DOOR AS REQUIRED
 CARGO SELECTED AND LOADED CHECK
 TAKEOFF WEIGHT VERIFY
 VERIFY UNDER SAFE LIMITS
 CENTER OF GRAVITY VERIFY
 VERIFY UNDER SAFE LIMITS, CROSSCHECK
 WITH CHARTS

BEFORE ENGINE START

COMM RADIOS SET
 APU AND EXT. EQUIPMENT CHECK
 PARKING BRAKE ON
 WAP DISPLAYS CHECKED
 FUEL QTY CHECKED

ENGINE START

MFD 2, 3..... SET FOR ENGINE START
NAV LIGHTS ON
ANTICOL LIGHTS FSLG/WING
ENG IGNITION SELECTOR SWITCH A OR B
THROTTLES IDLE
BLEED AIR SUPPLY CHECKED
ENGINE SHUTOFF VALVE 1 ON
START ENGINE 1 START
ENG 1 N2 AND PARAMETERS MONITOR
ENGINE SHUTOFF VALVE 4 ON
START ENGINE 4 START
ENG 4 N2 AND PARAMETERS MONITOR
START ENGINES 2, 3 START & MONITOR
APU BLEED OFF
ENGINE BLEEDS ON, ALL FOUR
WING DE-ICE AS REQUIRED
ENG ANTI-ICE AS REQUIRED
PROBE HEAT SWITCHLIGHTS AS REQUIRED
NOTE: ON BELOW 6 DEG C
PACKS L&R ON
HYD PUMPS PRI/SEC/AUX ON, ALL FOUR

BEFORE TAXI

DC X TIE SWITCH AUTO
HYDRAULIC XFER PUMP AUTO
FLAPS/SLATS CHECKED
CHECKED FOR FULL MOVEMENT
FLIGHT CONTROLS CHECKED
CHECKED FOR FULL DEFLECTION
CHECKED IN MECH LAW
APU GENERATOR OFF
APU OFF
EXTERNAL POWER OFF
STBY ENG SEL EPR
THRUST RATING SET MAX, DRT, OR MAN
FLAPS SET
STABILIZERS SET
RUDDER AND AILERON TRIM 0 AND 0
ALTIMETERS SET
DOORS CLOSED
HYDRAULIC TEMPS CHECKED
WAP DISPLAY CHECKED

TAXI CHECKLIST

TAXI 40% N1 MAX
TAXI LIGHTS ON, EXTENDED
BRAKES MINIMIZE USE
THRUST REVERSES MINIMIZE USE

BEFORE TAKEOFF CHECKLIST

BRAKES, STEERING AND STICK CHECKED
FLIGHT INSTRUMENTS CHECKED
PROBE HEAT SWITCHLIGHTS ON
FUEL BOOST PUMPS ON
WAP DISPLAY CHECKED

LINEUP CHECKLIST

Slats EXTENDED
Flaps 1/2
Slats/Flaps INDEX CONFIRMED
HYDRAULIC TEMPS CHECKED
EXTERIOR LIGHTS AS REQUIRED
LANDING LIGHTS ON, EXTENDED

TAKEOFF CHECKLIST

BRAKES HOLD
TAKEOFF THRUST MAX EPR OR DRT EPR
ENGINES STABILIZE AT 1.15 EPR
BRAKES RELEASED
ROTATE 12 DEGREES

AFTER TAKEOFF CHECKLIST

LANDING GEAR UP, LIGHTS OUT
FLAPS/SLATS UP/RET
ANTI-ICE AS REQUIRED
PRESSURIZATION PACKS CHECKED AND ON
AC PACKS CHECKED AND ON

CRUISE

ALTIMETERS SET
ANTI-ICE AS REQUIRED
PRESSURIZATION CHECKED
EXTERIOR LIGHTS AS REQUIRED
PERS WARNING SIGNS AS REQUIRED

DESCENT

ENG IGNITION SELECTOR SWITCH A OR B
ANTI-ICE AS REQUIRED
PERS WARNING SIGNS ON
ENROUTE DESCENT FOLLOW SPEEDS
LOWEST OF MACH 0.74 / 310 KIAS
TACTICAL DESCENT FOLLOW SPEEDS
LOWEST OF MACH 0.80 / 320 KIAS

APPROACH

PASSING 10,000 FEET 250 KIAS MAX
EXTERIOR LIGHTS ON
ALTIMETERS SET
FLAPS SET
THRUST RATING AS REQUIRED
NOTE: USUALLY MAX
WAP DISPLAY CHECKED

BEFORE LANDING

SALTS/FLAPS EXTENDED, FLAPS ON INDEX
LANDING GEAR DOWN
SPOILER SWITCH ARM

LANDING

NORMAL LANDING

Flaps 3/4 to FULL
FPV -1.0 TO -1.5 DEGREES, 240FPM

ASSAULT LANDING

Flaps FULL
FPV -1.5 TO -2.0 DEGREES, 360FPM

REVERSES IDLE AT 70 KS

AFTER LANDING

FLAPS/SLATS UP/RET
SPOILER SWITCH DEARMED
EXTERIOR LIGHTS AS REQUIRED
CARGO DOOR AND RAMP AS REQUIRED
ENGINES OPERATE WITHIN MARGINS
OPERATE AT 1.05 EPR OR LESS FOR 5 MIN

ENGINE 1 AND 4

HYD PRI, SEC, AUX PUMPS OFF

APU START
APU GENERATOR ON
ENG 1 AND 4 BOOST PUMPS OFF
PROBE HEAT OFF

COCKPIT SWITCHOFF

PARKING BRAKE ON
ENGINE SHUT OFF SWITCHES OFF
ANTI-ICE OFF
HYD PUMPS OFF
INTERIOR/EXTERIOR LIGHTS AS REQUIRED
PERS WARNING SIGNS OFF
IRU SWITCHES 1, 2, 3, 4 OFF
OBIGGS L&R SWITCHLIGHTS OFF
EMERG LT SWITCH OFF
DC X TIE SWITCH AUTO
EMERG PWR SWITCH ON
XFER BUSES OFF
APU OFF
APU GEN OFF
BATT SWITCH OFF