

## Captain NG/MAX Flows

### FLT DECK PREP (Originating Flt)

1. Registration/Certificates ..... Check
2. Flt Deck Door ..... Check
3. Maintenance Status ..... Check
4. Aircraft Security Search ..... Check
5. Landing Gear Pins ..... Verify 3 Aboard
6. Circuit Breakers..... Check
7. EFB Preflight ..... Accomplish
8. Additional Items..... Check
9. LE Devices Annunciator Panel..... Test
10. ELT (as installed) .. ARM/ELT Light Out
11. GPS, ILS, and GLS Lights (as installed)  
..... Extinguished
12. IRS Mode Selectors ..... NAV
13. Service Interphone Switch ..... OFF
14. (NG) Reverser Lights ..... Extinguished
15. (MAX) REVERSER COMMAND/AIR  
GROUND/LIMITED Lights Extinguished
16. EEC Switches ..... ON, ALTN Lights Out
17. Crew Oxygen Pressure ..... Check
18. Pass Oxy Switch .... NORMAL/Guarded
19. Flight Recorder Test Switch ..... Test
20. MACH A/S WARNING Button(s) . Press
21. STALL WARNING TEST Buttons Press
22. (NG) PSEU Light ..... Extinguished
23. (MAX) MAINT Light ..... Extinguished
24. (MAX) ELEVATOR JAM LANDING  
ASSIST Switch OFF/Guarded/Light Out
25. Seat ..... Adjust
26. Rudder Pedals ..... Adjust
27. Flight Deck Lighting ..... Set as Desired
28. Master Lights Test and Dim Switch Test
29. Escape Strap ..... Connected
30. Flight Control Panel ..... Check
31. FLT CONTROL Switches . ON/Guarded
32. ALT FLAPS Mstr Switch. OFF/Guarded
33. ALT FLAPS Position Switch ..... OFF
34. SPOILER Switches ..... ON/Guarded
35. Yaw Damper Switch ..... ON
36. Navigation Panel ..... Check
37. VHF NAV, IRS&FMC Switches .....  
..... NORMAL
38. Display Switches ..... AUTO/NORMAL
39. Fuel Panel ..... Set

Complete the following:

- AFT and FWD FUEL PUMP switches—ON. Verify that the LOW PRESSURE lights are extinguished.
  - If the center tank fuel quantity exceeds 1,000 lb: LEFT and RIGHT CTR FUEL PUMP switches—ON. Verify that the
  - LOW PRESSURE lights illuminate momentarily and then extinguish.
  - **Crossfeed**—Closed. Verify that the VALVE OPEN light is extinguished.
40. Electrical Panel ..... Check
    - DC Amps and Volts—Check within limits at all TR positions
    - Amber BAT DISCHARGE, TR UNIT, and ELEC Lights—Extinguished
    - (NG) Galley Power Switch (as installed)—ON
    - (NG) CAB/UTIL and IFE/PASS SEAT Switches (as installed)—ON
    - (MAX) CAB/UTIL and IFE/PASS SEAT Switches—ON
    - Generator Drive Disconnect Switches—Guarded and safetied
    - Bus Transfer Switch—AUTO
  41. EQUIP COOLING Switches ..... Normal
  42. (MAX) EQUIP SMOKE Light Extinguish
  43. Passenger Signs ..... ON
  44. Window Heat Switches ..... ON
  45. Probe Heat Switches ..... Test
  46. Wing Anti-Ice Switch ..... OFF
  47. Engine Anti-Ice Switches ..... OFF
  48. Hyd Pump Switches ... System A—OFF  
System B—ON
  49. EQUIP Light ..... Extinguished
  50. Voice Recorder ..... Test
  51. Pressurization Indicators ..... Check
    - Cabin Differential Pressure—Zero
    - Cabin Altitude—Field Elevation
    - Cabin Rate Indicator—Zero
  52. EFIS Control Panel ..... Set
  53. Autothrottle Arm Switch ..... OFF
  54. Mode Control Panel ..... Set
    - Heading—Verify that the expected departure runway heading is set.
    - Altitude—Verify the altitude is set for the planned mode for takeoff:
    - Flight Director Switch—ON (do not select TO/GA).
    - Course—Set the departure course or engine failure procedure course, as appropriate.

### **(NG) Captain (Continued)**

1. Display Select Panels ..... NORM
2. Autopilot Indicators Panel ..... Test
3. Clock ..... Check/Set to UTC Time
4. Flight Instruments ..... Check
  - All Flt Instruments—No warning flags in view.
  - Airspeed Indicator—Check.
  - ADI—Verify a level attitude.
  - Altimeter— current ATIS & within limits.
  - Stby Altimeter & A/S Indicator—Check/Set.
  - IVSI—Indicates zero.
  - Compasses—Compare HSI and RDMI headings. X-check with stby magnetic compass
  - Standby Horizon—Set. Verify the pitch attitude.
  - Standby Radio Magnetic Indicator—Check/Set.
5. NWS Steering Switch ..... NORM/Guarded
6. N1 Set Knob ..... AUTO
7. SPD REF Selector ..... AUTO
8. Autobrake Select Switch ..... RTO
9. Fuel Flow Switch ..... RESET
10. Engine Instruments ..... Check
11. Fuel Quantity Indicators ..... Check
12. Engine Oil Quantity ..... Check
13. Radar ..... Test
14. Speedbrake Lever ..... Verify Down Detent
15. Reverse Thrust Levers ..... Verify Down
16. Thrust Levers ..... Full Fwd, Full Closed
17. Parking Brake ..... Set
18. Start Levers ..... Cutoff
19. Stab & AP Trim Cutout Switches NORMAL
20. Fire/Overheat Warning System ..... Test
21. Cargo Fire Detection System ..... Test
22. HGS Control Panel ..... As Required
23. VHF NAVIGATION Radios ..... Set
24. VHF Comm & Audio Control Panel ..... Set
25. Crew Oxygen System ..... Check
26. Aileron and Rudder Trim ..... Centered
27. Stab Trim Override  
Switch ..... NORM/Guarded
28. (-700) Smoke Goggles (as installed)  
..... Check
29. Sun Visor ..... Check
30. Flt Deck Sliding Window/Handle .....  
Closed & Locked
31. Clearance ..... Review
32. FMC ..... Review

### **(MAX) Captain (Continued)**

1. Autopilot Indicators Panel ..... Test
2. Auxiliary Display ..... Check UTC, XPDR, Month, Year, Nose Number
3. Flight Instruments ..... Check  
IRS alignment must be complete.
  - All Flight Instruments—No warning flags in view.
  - Airspeed Indicator—Check.
  - ADI—Verify a level attitude.
  - Altimeter—Current ATIS & within limits.
  - IVSI—Indicates zero.
  - PFD Compass—Crosscheck with the standby magnetic compass.
4. Engine Instruments ..... Check
5. Fuel Quantity Indicators ..... Check
6. Engine Oil Quantity ..... Check
7. Integrated Stby Flt Dsp (ISFD) Set/Check
8. NWS Switch ..... NORM/Guarded
9. Autobrake Select Switch ..... RTO
10. Fuel Flow Switch ..... RESET
11. Captain SELECTOR ..... Select C
12. HGS ..... As Required
13. Speedbrake Lever .... Verify Down Detent
14. Reverse Thrust Levers ..... Verify Down
15. Thrust Lvrs ..... Full Fwd, Full Closed
16. Parking Brake ..... Set
17. Start Levers ..... Cutoff
18. Prim & Backup Trim Cutout Switches  
..... NORMAL
19. Fire/Overheat Warning System ..... Test
20. Cargo Fire Detection System ..... Test
21. Radar ..... Test
22. VHF NAVIGATION Radios ..... Set
23. Com Radio & Audio Control Panel ..... Set
24. Crew Oxygen System ..... Check
25. Aileron and Rudder Trim ..... Centered
26. Stab Trim OVR Switch .. NORM/Guarded
27. Sun Visor ..... Check
28. FltDeck Sliding Window/Handle Closed & Locked
29. Clearance ..... Review
30. FMC ..... Review

## Captain NG/MAX Flows

**(NG) Through Flight Procedure**

1. Circuit Breakers ..... Check
2. Instrument Transfer Switches..... Normal
3. Fuel Panel .....Set
4. Electrical Panel.....Check
5. Passenger Signs .....ON
6. Window Heat Switches.....ON
7. Hyd Pump Switches .....Sys A—OFF,  
Sys B—ON
8. EQUIP Light ..... Extinguished
9. Autothrottle Arm Switch.....OFF
10. Mode Control Panel.....Set
11. Nose Wheel Steering Switch  
.....NORM/Guarded
12. Flight Instruments.....Check
13. Standby Altimeter and Airspeed Indicator  
..... Set/Check
14. Standby Compass and RDMI Switches  
..... Check/Set
15. Fuel Flow Switch .....RESET
16. Autobrake Select Switch ..... RTO
17. Speedbrake Lever...Verify Down Detent
18. Reverse Thrust Levers.....Verify Down
19. Thrust Levers ..... Full Forward, then Full  
Closed
20. Parking Brake.....Set
21. Start Levers..... CUTOFF
22. HGS Control Panel.....As Required
23. VHF NAVIGATION Radios.....Set
24. VHF Communications Radio and Audio  
Control Panel.....Set
25. Aileron and Rudder Trim ..... Centered
26. (-700) Smoke Goggles (as installed)  
.....Check
27. Crew Oxygen System.....Check
28. Flt Deck Sliding Window/Handle ..Closed  
&Locked
29. EFB Preflight .....Accomplish
30. Clearance.....Review
31. FMC.....Review
32. Aircraft Logbook .....Check

**(MAX) Through Flight Procedure**

1. Circuit Breakers..... Check
2. MAINT Light ..... Extinguished
3. Instrument Transfer Switches..... Normal
4. Fuel Panel .....Set
5. Electrical Panel..... Check
6. Passenger Signs .....ON
7. Window Heat Switches.....ON
8. Hyd Pump Switches ..... Sys A—OFF,  
Sys B—ON
9. EQUIP Light ..... Extinguished
10. Autothrottle Arm Switch..... OFF
11. Mode Control Panel.....Set
12. Flight Instruments..... Check
13. ISFD ..... Set/Check
14. Nose Wheel Steering Switch  
..... NORM/Guarded
15. Auto Brake Select Switch ..... RTO
16. Fuel Flow Switch ..... RESET
17. HGS..... As Required
18. Speedbrake Lever ... Verify Down Detent
19. Reverse Thrust Levers ..... Verify Down
20. Thrust Levers ..... Full Forward, then Full  
Closed
21. Parking Brake .....Set
22. Start Levers ..... CUTOFF
23. VHF NAVIGATION Radios.....Set
24. VHF Communications Radio and Audio  
Control Panel.....Set
25. Aileron and Rudder Trim ..... Centered
26. Crew Oxygen System.....Check
27. Flt Deck Sliding Window/Handle . Closed  
&Locked
28. EFB Preflight .....Accomplish
29. Clearance ..... Review
30. FMC..... Review
31. Aircraft Logbook ..... Check

**✓ BEFORE START CHECKLIST****PWB Takeoff Data Review**

- Review PWB Takeoff Data .....(LUVCARS)  
Uplink to FMC.....(LUVCARS)  
Execute INIT REF.....(FMC)  
Review the T/O REF pages.....(FMC)  
CAPT – Review PERF INIT, N1 LIMIT, T/O REF

**✓ BEFORE PUSH CHECKLIST****Pushback & Engine Start Procedure**

- Aircraft \_\_\_\_\_
- A's Off; Door lights out; parking brake  
is set
- Parking brake released; clear to push

**Engine Start Procedure**

- Starting # \_\_\_\_\_, Starting # \_\_\_\_\_

**Pushback Complete****Parking brake is set; you are cleared off**➤ **After Start Procedures** (push crew clear)

- After Start Flow – “Flaps X; Control  
Check”

**✓ BEFORE TAXI CHECKLIST****----- IF CHANGES TO FMC OR PWB DATA -----****✓ DEPARTURE PLAN CHECKLIST****----- 1 MIN PRIOR TO TAKEOFF -----**➤ **BEFORE TAKE OFF FLOW**

- Configuration ..... Check  
ATTEND Button ..... Pushed  
Thrust Lever Check ..... Check  
Fuel ..... Verified

**✓ BEFORE TAKEOFF CHECKLIST**

WHEN CLEARED ONTO RWY ..... LIGHTS SET

➤ **CLIMB FLOW @ 10,000 FT**

- “10,000 FT” ..... BOTH  
(CA) ATTEND BUTTON ..... PUSH  
PRESSURIZATION ..... CHECK  
(FO) CABIN TEMP ..... CHECK  
(CA) START SWITCHES ..... AS REQD  
(CA) APU ..... AS REQD  
FUEL SYSTEM ..... MONITOR  
VHF #2 RADIO ..... GUARD (121.5)

**✓ (PF) calls “CLIMB CHECKLIST”****-----APPROACHING [FL 180 / trans ALT]-----**

- “XX,XXX 29.92 SET” ..... BOTH  
(FO) WING / LOGO LIGHTS ..... OFF  
(CA) LDG / RWY TURN LIGHTS ..... OFF

**-----BEFORE TOP OF DESCENT-----**

- ATIS ..... ACQUIRE  
PWB ..... REQUEST LANDING DATA  
PWB ..... REVIEW DATA  
AUTOBRAKES ..... AS REQD  
APPROACH SPEEDS (INIT REF) ..... SET  
MINIMUMS ..... SET

**✓ DESCENT CHECKLIST****-----APPROACHING [FL 180]-----\***

- (CA) LDG/RWY TURN LIGHTS ..... ON  
(CA) START SWITCHES ..... AS REQD  
(FO) WING LOGO (NIGHT) ..... ON  
(FO) ALTIMETER ..... SET  
SHOULDER HARNESS ..... FASTEN  
(PF) “FLIGHT LEVEL 180, XX.XX; APPR CKLST  
(PM) “FLIGHT LEVEL XXX,”

**✓ APPROACH CHECKLIST**➤ **APPROACHING [10,000]**

- (CA) ATTENDANT CALL ..... PRESS  
(CA) ATTENDANT CALL ..... MONITOR  
“10,000 Ft, FLT ATTENDANTS NOTIFIED”  
(FO) 10,000 FT” PRESSURIZATION ..... CHECK  
SEATBELT SIGN ..... ENSURE ON

**✓ BEFORE LANDING CHECKLIST**➤ **AFTER LANDING FLOW (CA)**

- Flaps ..... “FLAPS UP”  
Speedbrake Lever ..... Down  
Landing Lights ..... OFF  
Runway Turnoff Lights ..... As Needed  
Taxi Light ..... Ensure ON  
HGS Combiner ..... Stow  
Engine #2 ..... Shutdown

➤ **PARKING SHUTDOWN FLOW (CA)**

- Parking Brake ..... Set  
Start Lever(s) ..... CUTOFF  
Fasten Seatbelt Switch ..... OFF  
Fuel Pump Switches ..... As Required

**✓ PARKING CHECKLIST**➤ **POST FLIGHT FLOW (CA)**

- Chocks In place ..... Acknowledge  
Parking Brake ..... Released  
Oil/Hydraulics Service ..... If required  
Exterior Inspection .. Complete as necessary  
Maintenance Items ..... Attend to