

## Pre-Start Checklist

Parking Brake SET  
Throttle IDLE  
BATT Master Switch 89 ON  
APU Generator Switch 4 ON  
APU Switch 107 ON  
APU Air Switch 139 OFF  
==> CHECK APU Generator Amperemeter, RPM, TGT, Main Bus Voltmeter  
AC + DC Bus Ties 104+92 SET AUTO  
==> Annunciator for Bus Ties go off  
Gear Lever CHECK DOWN  
Flaps UP  
Spoiler RETRACTED  
Fuel Quantity CHECK  
Engine Instruments CHECK  
Pitot Heat 111 OFF  
Anti-Ice 6 OFF  
Aircraft Lighting OFF or AS REQUIRED  
Flight controls CHECK  
Avionics 126 ON  
Check Weather (Atis, Flight Services)  
***Request Clearance***  
Transponder SET  
Beacon 119 ON

## Startup Checklist

Thrust Levers IDLE  
Engine Area CLEAR  
Anti-Ice 6 ON  
Aircondition fan 122 ON  
Hydr. Pump Eng. 2+3 134+133 OFF  
Fuel Valves 74+75 OPEN  
Fuel Pumps Eng 1-4 86 ON  
==> Fuel Pump Annunciator Lights go off  
Start Master Switch 113 ON  
Select Engine 4 112 SELECT  
Starter Button 115 PRESS few seconds  
==> Starting Annunciator Lights go on  
==> Starting Annunciator Lights go off when engine has started  
Repeat Starting Procedure for Engines 3 – 2 – 1  
Engine Selector Switch 112 OFF  
Start Master Switch 113 OFF  
APU Air Switch 139 ON  
Generator Switch 1+4 2+5 ON  
==> Check Engine Generator Lights go off  
Hydr. Pump Eng. 2+3 134+133 ON  
==> Check Hydraulic Warning Lights go off  
==> **Check all warning lights should be off, except green APU light**  
Pitot Heat 111 ON  
Anti-Ice 6 AS REQUIRED

### **Before Taxi Checklist**

Strobe Light 120 ON  
Nav Lights 121 ON  
Taxi Lights 9 ON  
Heading Indicator SET  
Altimeters SET  
Standby Instruments SET  
Avionics SET FOR DEPARTURE  
Autopilot SET and OFF  
Autothrottle ARMED  
F/D ON  
Yaw Damper 124 ON AS REQUIRED  
Elevator Trim SET for takeoff

***Request Taxi Clearance***

### **Taxi Checklist**

Fasten Seat Belts 10 ON  
No Smoking Sign 118 ON  
Brakes RELEASED  
Taxi to assigned runway SPEED Max. 20 knots

### **Before Take-off Checklist**

Brakes SET  
Throttle IDLE  
Flaps 10 deg  
Spoilers RETRACTED  
Landing Lights 8 ON  
Flight Instruments CHECKED  
Engine Instruments CHECK  
Takeoff Data (V1, VR, V2) CHECK  
Nav Equipment CHECK

***Request Takeoff Clearance***

### **Take-off Checklist**

Smoothly increase thrust to 40% N1 let spool up  
Takeoff Thrust FULL or TO/GA  
Brakes RELEASE  
V1 = 120 KIAS (decision)  
Vr = 125 KIAS (rotate)  
Pitch 10 deg. nose up  
V2 = 135 KIAS (safety speed)  
At Positive Climb Rate Touch Brakes  
Landing Gear RETRACT  
At 1000' AGL RETRACT Flaps to 5 deg  
At 210 KIAS RETRACT flaps up

## **Climb-out Checklist**

Throttle AS REQUIRED  
Trim for 240 KIAS  
Autopilot/Autothrottle CHECK and SET  
Taxi Lights 9 OFF  
Landing Lights 8 OFF  
APU Air Switch 139 OFF  
APU Switch 107 OFF  
Below 10000' max. speed 250 KIAS  
**ATC AS REQUIRED**  
Fasten Seat Belts 10 OFF  
No Smoking Sign 118 OFF  
Above 10000' speed 280 KIAS

## **Cruise Checklist (above FL 180)**

At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)  
Accelerate to cruise speed FL180 0.66 mach  
FL240 0.68 mach  
FL280 0.70 mach  
FL310 0.70 mach  
Engine+Instruments CHECK  
Fuel Quantity CHECK  
Radios TUNED and SET  
Autopilot CHECK and SET  
Lights as required

## **Descent Checklist**

Atis/Airport Information CHECK  
Altimeter and Radios CHECK AND SET  
Anti-Ice 6 AS REQUIRED  
Descent Speed to FL240 0.68 mach  
to FL180 0.64 mach  
At Transition Altitude (FL180) reset Altimeter to local  
to FL120 280 KIAS  
below 10'000ft 240 KIAS  
Fuel Quantities and Balance CHECK

## **Approach Checklist**

### ***Localizer Level Flight :***

Fasten Seat Belts 10 ON  
No Smoking Sign 118 ON  
APU Switch 107 ON  
APU Air Switch 139 ON  
Avionics + Radios SET  
Speed: Establish 200 KIAS  
Landing Lights 8 ON  
Auto Spoilers 128 ARM  
Flaps 10 degrees  
Speed: Establish 170 KIAS  
Flaps 20 degrees  
Speed: Establish 140 KIAS  
Landing Gear DOWN  
Turning toward runway: set flaps 30 degrees or FULL

### ***Final Glideslope Descent :***

Speed Establish 135 KIAS  
Park brakes VERIFY OFF  
APU CHECK RUNNING

## **Landing Checklist**

Landing Gear CHECK DOWN  
Autopilot OFF  
Autothrottle OFF  
Landing Speed 135 KIAS  
After touchdown Apply Reverse Thrust, at  
60 kts: Cancel Reverse Thrust  
Spoilers VERIFY EXTENDED  
Brakes AS REQUIRED

## **Taxi To Ramp**

Flaps UP  
Spoilers RETRACTED  
Taxi Lights 9 ON  
Landing Lights 8 OFF  
Speed Max. 20 knots  
Transponder OFF  
Elevator Trim TAKEOFF SETTING  
Lights AS DESIRED

## **Shutdown Checklist**

Brake SET  
Throttle IDLE  
Fasten Seat Belts 10 OFF  
No Smoking Sign 118 OFF  
Aircondition fan 122 OFF  
Pitot Heat 111 OFF  
Anti-Ice 6 OFF  
Taxi Lights 9 OFF  
Strobe Lights 120 OFF  
Nav Lights 121 OFF  
F/D OFF  
Avionics 126 OFF  
Hydr. Pump Eng. 2+3 134+133 OFF  
Generator Switch 1+4 OFF  
Fuel Pumps Eng 1-4 86 OFF  
Fuel Valves 74+75 CLOSE  
AC + DC Bus Ties 104+92 OFF  
APU Air Switch 139 OFF  
APU Switch 107 OFF  
APU Generator Switch 4 OFF  
Beacon 119 OFF  
BATT Master Switch 89 OFF