

## **Pre-Start Checklist**

Parking Brake SET  
Throttle IDLE  
Fuel Flow CUTOFF  
BATT Master Switch ON  
Landing Gear Lever CHECK DOWN  
Flaps UP  
Spoiler RETRACTED  
Fuel Quantity CHECK  
Pitot Heat OFF  
De-Ice OFF  
Aircraft Lighting OFF  
Flight controls FREE AND CORRECT  
Fasten Seat Belts ON  
No Smoking Sign ON  
Check Weather (Atis, Flight Services)  
De-Ice TEST/CHECK

### ***Request Clearance***

Transponder STANDBY  
Beacon ON

## **Startup Checklist**

Engine/Throttle Panel ACTIVATE  
Thrust Levers IDLE  
Engine Area CLEAR  
Eng 1 Start Switch START  
At N2 > 20% Fuel Flow Eng 1 ON  
N1 increasing as N2 incr. CHECK  
Oil Pressure CHECK  
Alt/Generator ON  
Repeat for Eng 2  
Aircondition fan ON

## **Before Taxi Checklist**

Nav Lights ON  
Taxi Lights / Runway Turnoff Lights ON  
MFD CONFIG  
Heading Indicator/Altimeters SET  
Standby Instruments SET  
Radios and Avionics SET FOR DEPARTURE  
Autopilot SET, don't activate  
Autothrottle SET, ARM, don't activate  
F/D ON  
Elevator Trim SET for takeoff

### ***Request Taxi Clearance***

## **Taxi Checklist**

Parking Brake RELEASE  
Taxi to assigned runway SPEED Max. 20 knots  
Brakes/Gyro/Turn Coordinator CHECK during taxi and turns

## **Before Take-off Checklist**

Parking Brake SET  
Throttle IDLE  
Elevator Trim SET for takeoff  
Flap Lever Position 1 - 2  
Spoilers RETRACTED  
Flight Instruments CHECK  
Engine Instruments CHECK  
Takeoff Data (V1, VR, V2) CHECK  
Nav Equipment CHECK  
Landing Lights ON  
Taxi Lights / Runway Turnoff Lights OFF  
Strobe Light ON  
Pitot Heat ON  
De-Ice AS REQUIRED  
Transponder ON  
***Request Takeoff Clearance***

## **Take-off Checklist**

Smoothly increase thrust to 40% N1 let spool up  
Takeoff Thrust FULL or TO/GA  
Brakes RELEASE  
V1 = 140 KIAS (decision)  
Vr = 150 KIAS (rotate)  
Pitch 10 deg. nose up  
V2 = 160 KIAS (safety speed)  
At Positive Climb Rate Touch Brakes  
Landing Gear RETRACT  
At 1000' AGL RETRACT Flaps to Pos. 1  
At 210 KIAS RETRACT flaps up

## **Climb-out Checklist**

Throttle AS REQUIRED  
Trim for 250 KIAS / 1700 fpm  
Autopilot/Autothrottle CHECK and ACTIVATE  
Below 10000' max. speed 250 KIAS  
***ATC AS REQUIRED***  
Fasten Seat Belts OFF  
No Smoking Sign OFF  
Landing Lights 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 0.67 mach (330 KIAS)

FL240 0.76 mach (335 KIAS)

FL280 0.80 mach (325 KIAS)

FL330 0.81 mach (295 KIAS)

Engine+Instruments CHECK

Fuel Quantity CHECK

Radios TUNED and SET

Autopilot CHECK and SET

Lights as required

## **Descent Checklist**

Atis/Airport Information CHECK

Altimeter CHECK

Radios SET

De-Ice AS REQUIRED

Descent Speed to FL240 0.75 mach

to FL180 0.65 mach

At Transition Altitude (FL180) reset Altimeter to local

to FL120 280 KIAS

below 10'000ft 250 KIAS

Fuel Quantities and Balance CHECK

Flaps / Landing Gear CHECK UP

Check Weather (ATIS, Flight Services)

## **Approach Checklist**

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

Fasten Seat Belts ON

No Smoking Sign ON

Avionics + Radios SET

Speed: Establish 210 KIAS

Landing Lights ON

Auto Spoilers ARM

Flap Lever Position 1 => 2

Speed: Establish 180 KIAS

Flap Lever Position 3 => 4

Speed: Establish 160 KIAS

Landing Gear DOWN

Turning toward runway:

Set Flap Lever Position 5 or FULL

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

Speed Establish 145 KIAS

Elevator Trim AS DESIRED

Parking Brake VERIFY OFF

De-Ice AS REQUIRED

## **Landing Checklist**

Autoland Available ?  
Landing Gear CHECK DOWN  
Autopilot and Autothrottle OFF  
Landing Speed 140 KIAS  
After touchdown Apply Reverse Thrust, at  
60 kts: Cancel Reverse Thrust  
Spoilers VERIFY EXTENDED  
Brakes AS REQUIRED

## **Taxi To Ramp**

Strobe Light OFF  
Flaps UP  
Spoilers RETRACTED  
Taxi Lights / Runway Turnoff Lights ON  
Landing Lights OFF  
Speed Max. 20 knots  
Transponder 1200 / OFF  
Elevator Trim TAKEOFF SETTING

## **Shutdown Checklist**

Parking Brake SET  
Throttle IDLE  
Passenger Signs OFF  
Aircondition fan OFF  
Pitot Heat OFF  
De-Ice OFF  
Taxi Lights / Runway Turnoff Lights OFF  
Nav Lights OFF  
F/D OFF  
Fuel Flow OFF  
Alt/Generators 1 – 2 OFF  
Engine Start Switches 1 – 2 VERIFY OFF  
Beacon OFF  
BATT Master Switch OFF