# Standard Checklists
## Airbus 320-232

### Receiving Aircraft
- **Start here if aircraft is Cold & Dark**
  - Logbook: CHECK
  - Thrust Levers: IDLE
  - Engine Master ½: OFF
  - Gear Lever: CHECK DOWN
  - Wipers: OFF
  - Mode Selector: NORM
  - Parking Brake: SET
  - Flaps: CHECK UP
  - Spoilers: CHECK UP
  - Battery Switches: ON
  - External Power: ON BUSSES
  - Fuel Pumps: ON
  - ADIRS 1/2/3: ALIGN
  - Hydraulic Pumps: AUTO
  - Avionics: ON
  - Air conditioning packs: ON
  - APU Bleed Air: OFF
  - Engine Bleed Air ½: AUTO
  - Pilot Heat: OFF
  - Anti-Ice: OFF
  - Flight Directors: ON
  - ILS/HSI Indicator: ON
  - No Smoking: ON
  - Brightness: SET

### Pre-Start
- **Request IFR/VFR clearance**
  - IRS Selector: NAV/ARC
  - Set ND range: 10 NM
  - NAV/LOGO Lights: POS 1
  - Strobe: AUTO
  - Engine/Instruments: CHECK
  - Fuel Request: IN PROGRESS
  - ATIS: CHECK
  - Altimeter: SET/CHECK

### Push-back
- **Request push-back**
  - Hydraulic Elec Pump: ON
  - Parking Brake: OFF
  - Pedal Brakes: RELEASED
  - Taxi/Dep. Briefing: COMPLETE

### Engine Start-up
- **Hydraulic Elec Pump:** OFF
  - Parking Brake: SET

### Gate Departure – 5 minutes
- Fasten Seat Belts: ON
- Fuel Pumps: ON
- APU Master Switch: ON
- APU Start Button: ON

### Hold until APUs are running smoothly
- APU running: CHECK
- External Power: OFF
- Doors: CLOSED
- Beacon: ON
- Taxi Lights: TAXI
- Wing Lights: ON
- NAV mode: ARM
- Managed speed: ARM

### Before Taxi
- Altimeter/Instruments: SET/CHECK
- Stand-by Instruments: SET/CHECK
- Radios/Avionics: SET/CHECK
- FCU: SET/CHECK
- Autothrottle: MAX
- Flaps: 1+F/2/3
- Spoilers: ARMED
- Flight Controls: CHECK
- Elevator Trim: CHECK
- Ruddor Trim: CHECK
- Autopilot: ARM/CHECK
- Autothrust: ARM/CHECK
- Flight Directors: CHECK ON
- ILS/HSI Indicator ½: CHECK ON

### Flight
- **Transponder:** AUTO
- **Flight Plan:** LOADED
- Cruise altitude: SET
- FMC Departure: SET
- Take-off Speeds: V1/V2/VR
- FLX TO: AS REQUIRED
- CLB SPD PRESEL: AS REQUIRED
- Initial Altitude: SET
- Align IRS in FMS: CHECK

### Start-up engines individually

<table>
<thead>
<tr>
<th>Engine Master 2</th>
<th>ON</th>
</tr>
</thead>
<tbody>
<tr>
<td>At N2&gt;25% Fuel Flow:</td>
<td>CHECK</td>
</tr>
<tr>
<td>N1 increasing normal:</td>
<td>CHECK</td>
</tr>
<tr>
<td>Oil Pressure:</td>
<td>CHECK</td>
</tr>
<tr>
<td>N1 stable:</td>
<td>CHECK</td>
</tr>
</tbody>
</table>

### Taxi
- **Parked Brake:** OFF
- Pedal Brakes: RELEASED
- Taxi to runway: MAX 25 KTS

### During Taxi
- Engine Instruments: CHECK
- Nav Equipment: SET/CHECK
- Auto Pilot: SET/CHECK
- Pilot Heat: ON/CHECK
- Cabin: SECURE

### Request Take-Off Clearance
- Landing Lights: ON
- RW Turn-Off Light: ON
- TO CONFIG: CONFIRM
- Bird Strike Caution: VISUAL/MAP

### Take-Off
- Pedal Brakes: SET
- Taxi Lights: TO
- Transponder: ON/AUTO
- Transponder Alt Rpt: ON

### Increase thrust to 40% N1
- Engine Spool-Up: MONITOR

### Increase thrust to FLX/TOGA
- Pedal Brakes: RELEASED

### Cross-check at 80 KTS
- Abort in cases of problems prior to V1
After Take-Off
Touch brakes at positive rate of climb
- Gear UP
- Autothrust ON
At thrust reduction altitude
- Thrust Levers CLIMB DETENT
- Spoilers RETRACTED
- Flaps UP AT F/S-Speed
- Autopilot ON/CHECK

Climb-Out
- Autopilot CHECK OFF
- ATC CONTACT
- APU Master Switch OFF
- Taxi Lights OFF
- RW Turn-Off Light OFF
- Altimeter at TA 1013/2992
- Cabin Crew RELEASE
- Set ND range 40 NM
- Below 10,000 ft MAX 250 KIAS

Climb – FL100 to FL180
Increase speed to 300 KIAS at FL100
- Landing Lights OFF
- Anti-ice OFF
- Fasten Seat Belts OFF
- Set ND range 80/160 NM

Cruise Notes
Maximum Cruise Speeds Reminder
FL180 345KIAS FL240 335KIAS
FL280 325KIAS FL330 0.82M
- Engine Instruments CHECK
- Radios/Frequencies SET/CHECK
- Autopilot NAV/CRZ
- Fuel Qty/Balance MONITOR

In-Range/Top Of Descent
Maximum Descent Speeds Reminder
To FL280 0.82M To FL240 345KIAS
To FL180 325KIAS To FL100 300KIAS
Below FL100 250 KIAS
- ATIS CHECK
- Altimeter/Instrument CHECK
- Radios/Avionics SET/CHECK
- Anti-ice AS REQUIRED
- Fuel Qty/Balance CHECK
- Flaps CHECK UP
- Gear CHECK UP
- Approach Briefing COMPLETE

Approach FL180 to FL100
- Set ND range maximum 40 NM
- Radios/Avionics SET/CHECK
- Fasten Seat Belts ON AT FL100
- Landing Lights ON AT FL100
Reduce speed to 250 KIAS At FL100

Approach FL100 to LOC
- Set ND range either 10/20 NM
- Cabin Crew INFORM 10 MIN
- ATIS RE-CHECK
- Altimeter at TL SET/CHECK
- DH or MDA SET/CHECK
- ILS/ GS Indicator ½ CHECK ON
- APU AS REQUIRED
- Spoilers ARMED
- Autopilot SET LO/MED
- Flaps PER SCHEDULE
- Nav Display At LOC ILS (ILS App only)
- Taxi Lights TO
- RW Turn-Off Light ON
- LOC Mode (ILS App) ARMED

Landing
Glide Slope active - VDEV/LDEV active
- APPR Mode ARMED
Glide Slope captured/ Final NPA
- Cabin SECURE
- Go-around altitude SET
- Gear DOWN
- Flaps 3/FULL
- Parking Brake OFF
- Decision Height CHECK
At 1000ft AGL/500ft in visual conditions
- Stable approach CHECK

After Landing/Taxi To Ramp
- Spoilers RETRACTED
- Flaps UP
- Autobrake OFF
- Taxi Lights TAXI
- Landing Lights OFF
- Strobe AUTO/OFF
- Transponder AUTO
- Elevator Trim NEUTRAL
- APU Master Switch ON
- APU Start Button ON

Parking For Turn-Around
- Parking Brake SET
- Thrust Levers IDLE
- Engine ½ OFF
- Fasten Seat Belts OFF
- Beacon OFF
- Taxi Lights OFF
- Wing Lights OFF
- Request GPU CHECK
- Request Stairs CHECK

Termination/Overnight
- Flight Directors OFF
- ILS/ GS Indicator ½ OFF
- APU CHECK OFF
- Hydraulic Pumps OFF
- Strobe OFF
- NAV/LOGO Lights OFF
- No Smoking OFF
- Battery Switches OFF
- Air conditioning packs OFF
- Bleed air OFF
- Avionics OFF
- External Power AS REQUIRED

IRS Selector NAV/ARC
When GPU available
- External Power ON BUSSES
- Fuel Pumps OFF
- Pitot Heat OFF
- Anti-ice OFF
- APU OFF
- Doors release OPEN
Go back to Pre-Start for next flight