## 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: RETRACTED
- Battery Switches: ON
- External Power: ON BUSSES
- Fuel Pumps: ON
- ADIRS 1/2/3: ALIGN
- Hydraulic Pumps: AUTO
- Avionics: ON
- Air conditioning packs: ON
- Pitot Heat: OFF
- Anti-Ice: OFF
- 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
- Transponder: AUTO
- Flight Plan: LOADED
- Cruise altitude: SET
- FMC Departure: SET

### Take-off Speeds

- V1/V2/VR
- FLX TO
- CLB SPD PRESEL
- Initial Altitude: SET
- Align IRS in FMS: CHECK

Hold here until re-fuelling is complete
- Weight/Balance: CHECK

### Start-up engines individually

- Engine Master 2: ON
- At N2>25% Fuel Flow ON
- N1 increasing normal: CHECK
- Oil Pressure: CHECK
- N1 stable: CHECK

- Engine Master 1: ON
- At N2>25% Fuel Flow ON
- N1 increasing normal: CHECK
- Oil Pressure: CHECK
- N1 stable: CHECK

- APU Bleed Air: OFF
- Engine Bleed Air ½: AUTO
- Anti-ice: AS REQUIRED
- Pilot Heat: ON
- Mode Selector: NORM

### Before Taxi

- Altimeter/Instruments: SET/CHECK
- Stand-by Instruments: SET/CHECK
- Radios/Avionics: SET/CHECK
- FCU: SET/CHECK
- Autopilot: ARM/CHECK
- Autothrust: ARM/CHECK
- Autobrake: MAX

Request Taxi Clearance
- Flight Directors: ON
- ILS/GS Indicator ⅓: ON
- Flight Controls: CHECK
- Elevator Trim: CHECK
- Rudder Trim: CHECK
- Anti-ice: AS REQUIRED
- Strobe: CHECK AUTO/ON
- Flaps: 1+F/2/3
- Spoilers: ARMED
- FMC messages: CLEAR

### 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
- Hydraulic Pumps: CHECK AUTO
- APU Bleed Air: ON
- Engine Area: CLEAR
- Mode Selector: IGN/START

### Taxi

- Parking 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 Spoil-Up: MONITOR

Increase thrust to FLX/TOGA
- Pedal Brakes: RELEASED

Cross-check at 80 KTS

Abort in case of problems prior to V1
**Standard Checklists**

**Airbus 320-232**

### 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

- Autobrake: 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: 345 KIAS
- FL240: 335 KIAS

**FL280: 325 KIAS**

- 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: 0.82 M
- To FL240: 345 KIAS
- To FL180: 325 KIAS
- To FL100: 300 KIAS

**Below FL100:** 250 KIAS
- ATIS: CHECK
- Altimeter/Instruments: 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: ARMED
- Spoilers: RETRACTED
- Autobrake: SET LO/MD
- 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 1000 ft AGL/500 ft in visual conditions
- Stable approach: CHECK

### After Landing/Taxi To Ramp

- Spoilers: RETRACTED
- Flaps: UP
- Autobrake: OFF
- Taxi Lights: OFF
- Strobe: AUTO
- 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
- IRS Selector: NAV/ARC

When GPU available:
- External Power: ON BUSSES
- Fuel Pumps: OFF
- Pilot Heat: OFF
- Anti-ice: OFF
- APU: OFF
- Doors release: OPEN

Go back to **Pre-Start** for next flight

### 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

When GPU available:
- External Power: ON BUSSES
- Fuel Pumps: OFF
- Pilot Heat: OFF
- Anti-ice: OFF
- APU: OFF
- Doors release: OPEN

Go back to **Pre-Start** for next flight