

Challenge Response

POWER OFF	
Parking Brake	SET / FIRST DETENT
BAT 2 and BAT 1	OFF
Documents / iPads / Binder	CHECKED
Exterior Inspection	COMPLETE
Safety Equipment	CHECKED
Oxygen Pressure / Valve	CHECKED
Nose Lever	OPEN
Airbrakes	IN / POSITION 0
Slat-Flap Handle	CLEAN
Emergency Slats	GUARDED
NORMAL Stabilizer C/B	ENGAGED
Power Levers	CUT-OFF
Thrust Reverser Switch	NORMAL / GUARDED
WX Radar	OFF
Brake Selector	NO. 1 ON
Standby Pump	OFF
Cabin Pressure Selector	AUTO / GUARDED
UP-DN Control	GREEN INDEX
Cabin Pressure Controller	SET
Normal Gear Handle	DOWN / GUARDED
Emergency Gear Pull	IN
Fire Pull Handles	IN
Extinguisher Switches	ZERO / SAFETY WIRED
Standby Horizon	CAGED
Anti-Ice	OFF
Bleed Air Panel	SET
Radio Master	OFF
Electrical Panel	SET
Fuel Panel	SET
Pitot Switches	OFF
Windshield Heat	OFF
Aircraft Lighting	OFF
Start Selectors	GRD START
Engine Computers	ON
Circuit Breakers	CHECKED
APU START	
BAT 2 then BAT 1	ON / CHECKED
BUS Tie	TIED
C Bus / D Bus	TIED
HRZN BAT	CHECKED
#2 P. BK Light	ON STEADY
Fire Warning	TESTED
Landing Gear Panel	TESTED
NO. 2 Boost Pump	ON / LIGHT OUT
NAV Light	ON
APU Master	ON
APU GEN	ON
APU	START / MONITOR
APU Ammeter	CHECKED
Bleed Air (Wait 2 mins after APU Start)	AS REQUIRED

NOTE:

1. After Takeoff Checklist is Silent except for Slats and Flaps.
2. **F** = First Flight Only; **AND** after each Battery Disconnect
3. **C** = Copilot Task & Response

Challenge Response

COCKPIT CHECK	
Seats and Pedals	ADJUSTED
Inverters	ON / CHECKED
EFIS / Radio Master	ON
Cabin / Cockpit Lighting	AS REQUIRED
Seat Belt / No Smoke	ON
Emergency Lights	ON THEN ARMED
IRS	ALIGN / NAV
FMS	INITIALIZED
Fuel TOT and REAR	CHECKED
HYD Quantity	CHECKED
Failure Warning Panel	TESTED
T/O CONFIG	TESTED
F Standby Pump	ON / AUTO
F Stall 2 / Auto Slats	TESTED
F Standby Pump	OFF
WX Radar	STBY
GPWS	TESTED
Battery Temp	CHECKED
Oxygen Masks	TESTED / 100%
Voice Recorder / FDR	TESTED
Radar Altimeter	TESTED
VMO / CAB Warnings	TESTED
Transponder / TCAS	ON / TESTED
E. BATT	ON
START / QUICK TURN	
Exterior Inspection	COMPLETE
Cabin Door	CLOSED / LIGHT OUT
Cabin Access Curtain	OPEN
Clearance / ATIS / Altimeters	RECEIVED / SET
FMS Route	SET AND CROSSCHECK
Take Off Data / Speeds	SET
Radios	SET
Fuel Quantity	CHECKED
Fuel Counters / Gross Weight	ZERO / SET
Cabin Pressure Controller	SET
Altitude Selector	SET
Departure Briefing	COMPLETE
Parking Brake	FIRST DETENT / LIGHT ON STEADY
EFIS	OFF
Boost Pumps	ON / LIGHTS OUT
Beacon	ON
Engines	START
AFTER START	
Engine Instruments	CHECKED
HYD Press / QTYS	CHECKED
Warning Lights / Flags	CHECKED
EFIS	ON / TESTED
BUS Tie	FLIGHT NORMAL
Battery Volt / Amps	CHECKED
Generator Volts / Amps	CHECKED
HRZN / E. BATT	CHECKED
XFR Pumps	ON / LIGHTS OUT
F Engine Computers	CHECKED
Windshield Heat	ON
F C Anti-Ice	APU BLEED OFF / CHECKED
Standby Horizon	UNCAGED / SET
Anti-Skid	TESTED
Standby Pump	AUTO
F Stall 1 / Auto Slats	TESTED
Mach Trim	ON
Autopilot Disconnects	CHECKED
Flight Controls	CHECKED
F Trims (5)	CHECKED / SET FOR T.O.
Slat-Flap Handle	SET FOR T.O.
IRS	NAV
Sliding Window	CLOSED
Circuit Breakers	CHECKED

Challenge	Response
TAXI	
Taxi Light _____	ON
Parking Brake _____	RELEASED
Steering _____	CHECKED
Brakes 1 and 2 _____	TESTED / 1 ON
Thrust Reverser _____	CHECKED / STOWED
BEFORE TAKEOFF	
Flight Controls _____	CHECKED
Flight Instruments _____	CHECKED
<input checked="" type="checkbox"/> APU _____	OFF
Departure Brief _____	REVIEW
Transponder _____	SET / TA/RA
FATS _____	CHECKED
LINE UP	
<input checked="" type="checkbox"/> Start Selectors _____	AIR START
<input checked="" type="checkbox"/> Pitot Switches _____	ON
<input checked="" type="checkbox"/> ENG Anti-Ice _____	AS REQUIRED
<input checked="" type="checkbox"/> Exterior Lights _____	ON
<input checked="" type="checkbox"/> Warning Lights / Flags _____	CLEAR
Runway and Headings _____	VERIFIED
AFTER TAKE OFF	
<input checked="" type="checkbox"/> Landing Gear _____	UP
<input checked="" type="checkbox"/> Taxi Light _____	OFF
<input checked="" type="checkbox"/> Slat-Flap Handle _____	CLEAN
<input checked="" type="checkbox"/> Anti-Ice _____	AS REQUIRED
<input checked="" type="checkbox"/> Start Selectors _____	GROUND START
<input checked="" type="checkbox"/> Yaw Damper _____	ON
Climb Power _____	SET
TRANSITION ALTITUDE	
Altimeters _____	29.92
<input checked="" type="checkbox"/> Landing / Wing Lights _____	OFF
<input checked="" type="checkbox"/> Seatbelt Sign _____	AS REQUIRED
<input checked="" type="checkbox"/> Pressurization _____	CHECKED
<input checked="" type="checkbox"/> Oxygen _____	CHECKED
CRUISE	
Pressurization _____	CHECKED
Fuel Quantity _____	CHECKED
Trends / VOR _____	CHECKED
Systems _____	CHECKED
DESCENT	
<input checked="" type="checkbox"/> Cabin Pressure _____	SET
<input checked="" type="checkbox"/> ATIS / WX _____	COPIED
<input checked="" type="checkbox"/> FBO And Customs _____	NOTIFIED
<input checked="" type="checkbox"/> Anti-Ice _____	AS REQUIRED
Approach Briefing _____	COMPLETE
APPROACH (18,000FT)	
Altimeters _____	SET
<input checked="" type="checkbox"/> Seatbelt Sign _____	ON
<input checked="" type="checkbox"/> Landing / Wing Lights _____	ON
<input checked="" type="checkbox"/> Avionics / Landing Data / Speeds _____	SET
<input checked="" type="checkbox"/> Fuel XFR Intercom / X Feed _____	CLOSED
<input checked="" type="checkbox"/> Brake Selector _____	1 ON
BEFORE LANDING	
<input checked="" type="checkbox"/> Landing Gear _____	DOWN 3 GREEN NO RED
<input checked="" type="checkbox"/> Start Selectors _____	AIRSTART
Anti-Skid _____	TESTED
<input checked="" type="checkbox"/> HYD Press / QTYS _____	CHECKED
<input checked="" type="checkbox"/> Airbrakes _____	IN / LIGHT OUT
<input checked="" type="checkbox"/> Slat-Flap Handle _____	20 / 48
<input checked="" type="checkbox"/> Taxi Light _____	ON
<input checked="" type="checkbox"/> Yaw Damper _____	OFF
<input checked="" type="checkbox"/> Anti Ice _____	AS REQUIRED

Challenge	Response
AFTER LANDING (Silent)	
Thrust Reverser _____	STOWED
<input checked="" type="checkbox"/> AIRFRAME Anti-Ice _____	OFF
<input checked="" type="checkbox"/> ENG Anti-Ice _____	AS REQUIRED
<input checked="" type="checkbox"/> Pitot Heat _____	OFF
<input checked="" type="checkbox"/> Windshield Heats _____	OFF
<input checked="" type="checkbox"/> Start Selectors _____	GROUND START
<input checked="" type="checkbox"/> BUS Tie _____	TIED
<input checked="" type="checkbox"/> Exterior Lights _____	AS REQUIRED
<input checked="" type="checkbox"/> WX Radar _____	STANDBY
<input checked="" type="checkbox"/> Airbrakes _____	IN / LIGHT OUT
<input checked="" type="checkbox"/> Slat-Flap Handle _____	CLEAN
<input checked="" type="checkbox"/> Transponder _____	AS REQUIRED
<input checked="" type="checkbox"/> Trims _____	SET FOR T.O.
<input checked="" type="checkbox"/> APU _____	AS REQUIRED
PARKING	
Parking Brake _____	FIRST DETENT / LIGHT ON STEADY
Dome Light _____	AS REQUIRED
WX Radar _____	OFF
Standby Pump _____	OFF
ENG Anti-Ice _____	OFF
Engines _____	2 MIN AT IDLE / SHUT DOWN
XFR Pumps / Boost Pumps 1 and 3 _____	OFF
Beacon _____	OFF
Seatbelt Sign _____	OFF
Standby Horizon _____	CAGED
Floor Heat _____	OFF
IRS _____	OFF
FMS Times _____	RECORDED
FMS _____	OFF
HRZN / E. BATT _____	OFF
Transponder _____	OFF
Radio Master _____	OFF
EFIS _____	OFF
Inverters _____	OFF
Circuit Breakers _____	CHECKED
APU _____	SHUTDOWN
NO. 2 Boost Pump _____	OFF
Emergency / Exterior Lights _____	OFF
BUS Tie _____	FLIGHT NORMAL
C Bus / D Bus _____	ISOLATE
BAT 2 then BAT 1 _____	OFF
Chocks / Parking Brake _____	AS REQUIRED
Oxygen Valve / Extended Stay _____	CLOSED

GROSS WEIGHT	25	26	27	28	29	30	31	32	33	34	35
Vref (S+48)	106	108	110	112	114	116	118	120	121	123	125

LANDING DATA
GROSS WEIGHT X 1,000 LBS.