

Highlighted	Pilot Flying Responds
<i>Silent</i>	Silent Checklist

START

Cell Phones	OFF
Gear pins/Chocks/Keys	REMOVED
Hyd 3A & 2B	ON/ CHECK
Parking brake & Press	SET/CHECK
EFIS/Radios	OFF
IRSs	NAV
Doors	CHECK
Thrust Levers	SHUTOFF
SCAV/MAIN EJECTRS	LIGHTS ON
Fuel Pumps	ON
ACUs	OFF
CKPT heat	OFF
Bleed air pressure	45 PSI MIN
Ignition A or B	ARM
Beacon	ON
Engines	START
SCAV/MAIN EJCTRS Lights	OFF
Start Check	COMPLETE

BEFORE TAXI

IGN	DISARM
Isolation Valve	OPEN
ACUs	ON
Hyd 2B pump	OFF/CHECK HYD PRESS
14 th Bleeds	ON
Gen 1	TEST/ON
AC ESS bus	NORM
Gen 2	TEST/ON
APU Gen	OFF
DC bus Tie Lights	EXTINGUISHED
DC Volts/Amps	CHECK
Servo Monitor	CHECK
Reverse Thrust	ARM
EFIS and Radios	ON
ADG Unit	TEST
Rudder	CHECK
N/W steering	ARM
Stall protection System	TEST
CKPT heat	STBY/ CHECK/ Off
Before Taxi Check	COMPLETE

TAXI

Departure Runway	BUGGED/ VERIFIED
Transponder	AS REQ
Antiskid	ARM/TEST
Brakes	CHECK
Reverse Thrust/Anti-Ice	CHECK
Cowl Anti-Ice	CHECK/SET
Wing Anti-Ice/ISOL valve	NORMAL/ STBY/ CHECK/ SET
Pneumatics/APU	SET
APR	STATIC TEST/ ARM
Fuel Qty/ Balance	CHECK
Flight Instruments	CHECK/ SET
Flight controls/Spoilers	CHECK
Flaps	SET 20/ VERIFIED
Trims (3) Channel 1	SET FOR T/O/ VERIFIED
YD/Mach Trim	ENGAGED
Takeoff Data	SET
Takeoff Briefing	COMPLETE
Taxi Check	COMPLETE

BEFORE TAKEOFF

Radar	SET
Transponder/TCAS	ALT/ON
Ground Spoilers	ON
Lights	ON
Hyd B Pumps	ON
Ignition	SET
Windshield Heat/ADS Heater	SET/ ON
Anti-Ice	AS REQ
Annunciator	RECALL
APR Dynamic check on the roll	READY
Departure Runway	BUGS ALIGNED/ VERIFIED
Before Takeoff Check	COMPLETE

CLIMB (silent)

APR	OFF
Gear	UP
Flaps	UP
Thrust	MAX CONTINUOUS
Reverse Thrust	DISARM
Landing Light	OFF
Hyd B pumps	OFF
Ignition	AS REQ
Bleeds	TRANSFER
ACU transition	COMPLETE
APU	OFF
Anti-Ice	AS REQ
Pressurization	CHECK
Cabin Signs	AS REQ
APU Power/Fuel	OFF
Climb Check	COMPLETE

TRANSITION (climb)

Altimeters 29.92/**29.92**
 Recogs OFF
 Pressurization..... CHECK
 Transition Check COMPLETE

DESCENT

Seat Belts ON RT/ **ON LT**
 Pressurization..... SET
 Fuel BALANCED
 Anti ice..... AS REQ
 Landing Data COMPUTED

Transition Altitude

Altimeters _ _ RT/ **_ _ LT**
 Recogs ON
 Galley SECURE
 Approach Briefing..... COMPLETED
 Descent Check COMPLETE

APPROACH

APU Start/Transition AS REQ
 Fuel crossflow CLOSE
 Reverse Thrust..... ARM
 Cabin Signs SET
 Avionics / Displays SET
 Hyd B Pumps ON/CHECK
 Pressurization..... CHECK
 Approach Check..... COMPLETE

BEFORE LANDING

Gear DOWN / WOW OUT / **VERIFIED**
 Anti-Skid ARM/ TEST
 Brake Pressure..... CHECK
 Hyd Quantities / Pressures CHECK
 Nosewheel Steering **ARM / CENTER / LIGHT OUT**
 Ignitions AS REQ
 Flaps..... SET
 Flight Spoilers..... STOWED
 Ground Spoilers ON
 Reverse Thrust..... ARM
 Landing Lights ON
 Annunciator RECALL
 Before Landing Check..... COMPLETE

AFTER LANDING (silent)

Anti-Ice/Windshield/ADS heaters..... OFF
 IGN..... OFF
 Lights AS REQ
 Hyd B Pumps OFF
 Flight & Ground Spoilers..... STOWED / OFF
 Flaps UP
 Transponder..... AS REQ
 Radar / TCAS..... STBY
 EFIS OFF
 Stby Gyro OFF
 APU..... START
 APU Gen..... ON
 APU Bleed Transition COMPLETE
 After Landing Check COMPLETE

SHUTDOWN

Parking Brake/ Pressure **AS REQ**
 Transponder..... STBY
 Nosewheel Steering..... **OFF**
 Essential AC power..... NORM
 Gens 1 + 2 **OFF**
 Engines **SHUTOFF**
 Cabin Signs..... OFF
 Thrust Reversers DISARM
 Fuel pumps OFF
 14th Bleeds OFF
 Beacon..... OFF
 Aircraft..... CHOCKED
 Shutdown Check..... COMPLETE

SECURING

Emerg Lights OFF
 O₂ OFF
 Avionics / IRSs OFF
 Stby Gyro CAGE
 APU Gen..... OFF
 APU..... STOP
 APU Bleed Air OFF
 ACUs..... OFF
 Isolation valve CLOSE
 10th Bleeds CLOSE
 Hyd 3A pump OFF
 APU Power/Fuel OFF
 Battery..... OFF
 Gear Pins and Chocks INSTALLED
 Parking Brake OFF
 Securing Check..... COMPLETE

I First flight of the day

BEFORE START

External Preflight COMPLETE
 Cabin / Faucets CHECK
 Documents ON BOARD / CHECK
 Circuit Breakers CHECK
 Flap Lever / Position MATCHED
 Landing Gear Release DOWN
 ADG manual release STOWED
 ADG lamp TEST
 Overhead sws – Light sws OFF
 Battery sw ON
 Ext pwr AS REQ
 Fire Warning / fault / squibs TEST
 APU bleed air OFF
 APU Power / Fuel ON
 Battery Volts ABOVE 22 V
 APU START
 APU Gen TEST/ON
 Elect pwr panel CHECK / SET
 Warning Lts TEST
 Bleed air leak detect TEST/RESET
 Loop A and B TEST
 Ext Pwr OFF / DISCONNECT
 APU Bleed Air ON
 Isolation Valve OPEN
 Manifold Bleed Pressure 50 PSI
 ACUs ON
 Emerg Lights CHECK/ARM
 Stby Gyro ON / SET
 IRSs 1, 2, 3 ALIGNED
 FMS INITIALIZE
 Cool air panels TEST / RESET
 Lights AS REQ
 Servo Monitor CHECK
 Nose door CLEAR
 Nosewheel Steering OFF
 Hyd 3A Pump ON / CHECK
 Nose Door Light OUT
 Parking Brake SET
 Servo Monitor Green Lt OUT
 Brake Pressure INBOARD
 Hyd 3A Pump OFF

Hyd B Pumps (one at time) ON / CHECK
 Servo Monitor LIGHTS OUT
 Flt Controls/Flt Surface Indicators CHECK
 TOC-Flight Spoiler, Trim, & Flaps CHECK
 Hyd B Pumps OFF
 Ground Spoilers TEST
 Hyd A Pump (to maintain inbrd brakes) ON
 CKPT heat NORMAL CHECK
 Emer Press CHECK
 Pressurization SET
 Windshield / Anti-Ice / ADS heaters CHECK
 Flt director / modes SELECT / SET
 Captains Oxygen mask CHECK / 100%
I CVR/FDR TEST
I ENG Vibration TEST
 Clock (left side) SET
I Audio Panels (left side) TEST / SET
I Batt Temp TEST
I Service Batteries / Chargers ON / CHECK
I Static Selector (left side) GUARDED
 EFIS (left side) TEST
I Pilot's instrument / reversionary panel SET
I Flaps Ovr and GPWS NORM / TEST
I Engine and fuel gauges TEST
 Jet Pipe / Pylon overheat TEST
I Radio Bay and Bag Fire TEST
 Ice Detector TEST
 Engine speed control ON
 AFCS advisory panel / FGC CHECK / SET
 Fuel Panel CHECK
 Landing Gear Panel TEST
 MLG bay overheat detector TEST
 ESS AC PWR XFER CHECK
 Oxygen mask (right side) CHECK / 100%
I Temperature Control SET
I Clock (right side) SET
I Audio Panels (right side) TEST*/ SET
I SELCAL / Aural warnings TEST
I Static Selector (right side) GUARDED
 EFIS (right side) TEST
I Copilots instruments / reversionary panel SET
 Pitch and Roll disconnects STOWED
 TCAS TEST / AUTO
 Avionics ON
 Trims TEST / SET
 Flt data / FMS / Laser Track SET
 Altimeters / Flt Instruments SET X CHECKED
 Before Start Check COMPLETE