

Pre-Start Checklist

Parking Brakes SET
Throttle IDLE
Battery Switch OFF
Avionics Master Switch OFF
Master Caution Display ON
Flaps UP
Propeller HIGH RPM
Fuel Cond. Lever FUEL CUTOFF (Ctrl-Shift-F1)
Landing Gear Lever CHECK DOWN
Battery Switch ON
Panel Lights ON if required
Fuel Quantity CHECK
Flight controls CHECK
Avionics Master Switch ON
Check Weather (ATIS, Flight Services)
Anti-ice Switch TEST/CHECK
Anti-ice Annunciators ILLUMINATED

Request Clearance

Transponder STANDBY
Beacon ON

Startup Checklist

Engine and Propeller Area CLEAR
Throttle IDLE
Fuel Flow / Fuel Cond. Lever ON
Right Ignition and Engine Start Switch ON (hold until engine starts)
Right ITT and N1 Turbine RPM MONITOR
Right FUEL PRESS LO Annunciator EXTINGUISHED
Right OIL PRESS LO Annunciator EXTINGUISHED
Right Oil Pressure CHECK
Right Generator ON
==> Repeat for left engine
Feather/Unfeather Props CHECK once
Master Warning Display OFF
Master Caution Display OFF
Throttle Quadrant Display OFF
Engine Instruments CHECK

Before Taxi Checklist

Nav Lights ON
Taxi Lights ON
Heading Indicator / Altimeter SET
Instruments NORMAL OPERATION
Radios and Avionics CHECKED and SET
Autopilot SET and OFF
F/D ON
Yaw Damper ON AS REQUIRED
Autofeather ARM
Anti-ice AS REQUIRED

Request Taxi Clearance

Taxi Checklist

Parking Brake RELEASE
Taxi to assigned runway SPEED Max. 20 knots
Brakes CHECK during taxi
Directional Gyro PROPER IND. during turns
Turn Coordinator PROPER IND. during turns
Artificial Horizon ERECT during turns

Before Take-off Checklist

Parking Brake SET
Fuel Quantity CHECK
Throttle IDLE
Propeller HIGH RPM
Elevator Trim SET for takeoff
Flight Controls FREE AND CORRECT
Radios and Avionics SET
Landing Lights ON
Taxi Lights OFF
Engine Instruments CHECK
Annunciator Lights CHECK
Strobe Light ON
Pitot Heat ON
Anti-ice AS REQUIRED
Transponder ON

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to FULL
Brakes RELEASE
V1 = 105 KIAS (decision)
Vr = 110 KIAS (rotate)
V2 115 KIAS
Pitch 10-15 degrees
At Positive Climb Rate Touch Brakes
Landing Gear RETRACT
Trim for climb to maintain 140 KIAS Torque 65
Annunciator Lights CHECK
Engine Instruments CHECK

Climb-out Checklist

Propeller Synchrophaser ON
Autopilot CHECK and SET
Landing Lights OFF
Airspeed 160-170 KIAS Torque 80
Propeller 1600 RPM
Engine Instruments MONITOR
ATC AS REQUIRED
At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)

Cruise Checklist

Accelerate to cruise speed 220-240 KIAS Torque 85
Propeller 1600 RPM
Autofeather OFF
Service Ceiling 35'000 ft
Engine+Instruments CHECK
Engine Temperatures STABILIZE at cruise cond.
Anti-ice AS REQUIRED
Fuel Quantity CHECK
Radios TUNED and SET
Autopilot CHECK and SET
Lights as required
Engine Instruments CHECK

Descent Checklist

Atis/Airport Information CHECK
Altimeter CHECK
Radios SET
Autofeather ARM
Descent Speed 180 KIAS Torque 15
Propeller 1600 RPM
Flaps CHECK UP
Landing Gear CHECK UP
Fuel Balance CHECK
At Transition Altitude (FL180) reset Altimeter to local
Check Weather (ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Landing Lights ON
Autofeather VERIFY ARMED
Propeller HIGH RPM
Fuel Cond. Lever FULL
Anti-ice AS REQUIRED
Speed: Establish 150 KIAS Torque 25
Flaps SET APPR
Speed: Establish 130 KIAS Torque 35
Landing Gear DOWN
Turning toward runway: set flaps FULL DOWN

Final Glideslope Descent :

Speed: Establish 105 KIAS Torque 20
Parking Brake VERIFY OFF

Landing Checklist

Landing Gear CHECK DOWN, 3 GREEN
Autopilot OFF
Landing Speed 100 KIAS
Touchdown MAIN WHEELS FIRST
Landing Roll LOWER NOSE WHEEL
After touchdown Apply Reverse Thrust, at
50 kts: Cancel Reverse Thrust

Taxi To Ramp

Strobe Light OFF
Flaps RETRACT
Taxi Lights ON
Landing Lights OFF
Anti-ice OFF
Speed Max. 20 knots
Elevator Trim TAKEOFF SETTING
Avionics/Radios AS REQUIRED
Transponder 1200

Shutdown Checklist

Parking Brake SET
Throttle IDLE
Autofeather OFF
F/D OFF
Avionics Switch OFF
Taxi Lights OFF
Nav Lights OFF
Pitot Heat OFF
Fuel Cond. Lever CUTOFF (Ctrl-Shift-F1)
Propeller FEATHER
Beacon OFF
Panel Light OFF
Battery Switch OFF when N1<15%
Generator Switches OFF

Securing Aircraft

Parking Brake Verify SET
Throttle Verify IDLE
All Switches Verify OFF