

PREFLIGHT INSPECTION**COCKPIT**

Control Lock. REMOVE AND STOW
Parking Brake. SET
All Switches. OFF
Trim Tabs. SET TO ZERO

RIGHT FUSELAGE

Load Distribution. CHECK AND SECURE
Utility Door. SECURE
Static Port. UNOBSTRUCTED

EMPENNAGE

Control Surfaces. UNDAMAGED, FREE AND SECURE
Rudder Trim Tab. SECURE AND NEUTRAL
Elevator Trim Tab. SECURE AND SET FOR TAKEOFF
Tail Deice Boots. UNDAMAGED AND SECURE
Tail Cone, Tail Nav Light, and Beacon. CHECK
Tail Tie Down. REMOVED
Cabin Air Inlet. CHECK

LEFT FUSELAGE

Cabin Air Outlet. CHECK
Static Port. UNOBSTRUCTED
All Antennas and Lower Beacon. CHECK

LEFT WING TRAILING EDGE

Fuel Sump Aft of Wheel Well. DRAIN
Fuel Vents. CHECK
Flaps. CHECK CONDITION
Aileron. UNDAMAGED, FREE AND SECURE
Aileron Trim Tab. SECURE AND NEUTRAL

LEFT WING LEADING EDGE

Lights and Deice Boots. CHECK CONDITION
Stall Warning Vane. CHECK FREEDOM OF MOVEMENT
Fuel. CHECK QUANTITY AND SECURE CAP
Fuel Sight Gauge. CHECK
Tie Down and Chocks. REMOVE
Engine Oil (10 qt. min). CHECK, SECURE CAP AND DOOR
Engine Cowling and Doors. CHECK CONDITION AND SECURE
Engine Air Intake. REMOVE COVER AND CLEAR
Propellor and Prop Deice Boots. CHECK
Cowl Flap. CHECK
Wheel Well Doors. CHECK
Tire, Brake Line, and Strut. CHECK
Landing Gear Uplock Roller. CHECK
Forward Fuel Drains (2). DRAIN

NOSE SECTION

Wheel Well Doors. CHECK
Tire and Strut. CHECK
Pitot Tube. UNOBSTRUCTED
Taxi Light. CHECK
Heater Air Inlets. CLEAR
Baggage Door. SECURE

RIGHT WING LEADING EDGE

Wheel Well Doors. CHECK
Tire, Brake Line, and Strut. CHECK
Landing Gear Uplock Roller. CHECK
Forward Fuel Drains (2). DRAIN
Cowl Flap. CHECK
Forward Fuel Drains (2). DRAIN
Engine Oil (10 qt. min). CHECK, SECURE CAP AND DOOR
Engine Cowling and Doors. CHECK CONDITION AND SECURE
Engine Air Intake. REMOVE COVER AND CLEAR
Propellor and Prop Deice Boots. CHECK
Fuel Sight Gauge. CHECK
Fuel. CHECK QUANTITY AND SECURE CAP
Tie Down and Chocks. REMOVE
Lights and Deice Boots. CHECK CONDITION

RIGHT WING TRAILING EDGE

Aileron. UNDAMAGED, FREE AND SECURE
Fuel Vents. CHECK
Fuel Sump Aft of Wheel Well. DRAIN
Flaps. CHECK CONDITION

AIRSPEDS FOR SAFE OPERATION

(5400 lbs.)

Two-Engine Best Angle of Climb (V_X)	86 KIAS
Two-Engine Best Rate of Climb (V_Y)	104 KIAS
Single-Engine Best Angle of Climb (V_{XSE})	96 KIAS
Single Engine Best Rate of Climb (V_{YSE})	100 KIAS
Air Minimum Control (V_{MCA})	81 KIAS
Intentional One Engine Inoperative (V_{SSE})	86 KIAS
Cruise Climb	139 KIAS
Balked Landing Climb	95 KIAS
Landing Approach Flaps 30°	96 KIAS
Turbulent Air Penetration	156 KIAS
Maximum Demonstrated Crosswind	22 kts

* Intermediate stop turnaround item.

CONFIGURATION.. Denotes that the system configuration is to be confirmed and announced. THE WORD "CONFIGURATION" IS NOT A CHECKLIST RESPONSE.

**BEFORE STARTING ENGINES
(POWER OFF)**

*Aircraft Preflight..... COMPLETE
 *Nose Baggage Compartment. CHECKED AND SECURE
 Control Lock. REMOVED
 *Circuit Breakers. IN
 *Panel Switches. *CONFIGURATION*
 *Avionics. OFF
 *Gear Handle. DOWN
 Clock. WOUND & SET
 EFB Preflight. COMPLETE
 *Cowl Flaps. OPEN
 *Voltage Regulator..... SWITCH

**BEFORE STARTING ENGINES
(POWER ON)**

*Battery/Voltage ON & CHECKED
 Annunciators. CHECKED
 *Parking Brake. SET
 Trims. CHECKED & SET
 *Seat Belt & Shoulder Harness..... SECURE
 *Fuel Quantity. CHECKED & SET
 *Fuel Selectors. ON

ENGINE START

*Passengers..... BRIEFED
*Cabin Door/Warning Light..... CLOSED & OUT
*Nav Lights. *CONFIGURATION*
*Beacon. ON
*Prop Area. CLEAR

BEFORE TAXI

*GPU. DISCONNECTED
*Oil Pressure & Engine Instruments..... CHECKED
*Alternators. ON
*Starter Disengagement. CHECKED
*Avionics. ON
*Brakes..... CHECKED
*Circuit Breakers. IN
Autopilot & Electric Trim. CHECKED & SET
*Flaps..... SET FOR TAKEOFF
*Trims..... 3 SET
*Radios & Radar. ON SET & STBY
*Transponder. FLIGHT ID SET AND ON ALT
*EFB..... CHECKED & SET

RUN-UP

*Flight Instruments..... CHECKED
*GPS/VOR Selector Switch..... CHECKED
 Props (1500 RPM)..... FEATHER CHECKED
 Loadmeters..... CHECKED
 Ice Protection Equipment..... CHECKED
 Alternator Switches..... BOTH ON
 Suction/Pressure..... CHECKED
 Magns (1700 RPM)..... CHECKED
 Wing Boots (2000 RPM)..... CHECKED
 Prop Governors (2300 RPM)..... CHECKED
*Flight Controls..... FREE & CORRECT
*Parking Brake..... RELEASED
*Taxi Lights..... *CONFIGURATION*

TAKEOFF

*Landing & Taxi Lights..... *CONFIGURATION*
*Strobe Lights..... ON
*Pitot Heat & Ice Protection..... ON & *CONFIGURATION*
*Radar..... *CONFIGURATION*
*Headings..... CHECKED

AFTER TAKEOFF

Landing Gear..... UP
Flaps..... UP & OFF
Landing & Taxi Lights..... OFF
Power..... SET TO CLIMB

CRUISE

Cowl Flaps. CLOSED
Power. SET
Boost Pumps. *CONFIGURATION*
Mixtures. SET
Fuel Quantity. MONITOR

APPROACH

EFB. CONFIGURED
Approach. REVIEW
Navs. TUNED AND IDENTIFIED
GPS/VOR Selector Switch. *CONFIGURATION*
Fuel Selectors. ON
Fuel Quantity. CHECKED
Mixtures. AS REQUIRED
Seats & Seat Belts. SET AND FASTENED
Flaps. SET

BEFORE LANDING

Landing Gear. DOWN, 3 GREEN
Brakes. CHECKED
Mixtures. FULL RICH
Props. FORWARD
Flaps. DOWN
Landing Lights. *CONFIGURATION*

**GO AROUND/MISSED APPROACH
(TWO ENGINES)**

Flaps. APPROACH
Landing Gear. UP
Flaps. UP & OFF
Power. SET TO CLIMB
Landing & Taxi Lights. OFF

AFTER LANDING

Landing Lights & Strokes. OFF
Ice Protection. OFF
Cowl Flaps. OPEN
Heater. FAN or OFF
Mixtures. FULL RICH
Props. FULL FORWARD
EFB. *CONFIGURATION*
Radar. OFF
Flaps. UP
Trims. RESET

SHUTDOWN

Engines..... IDLE AT 1000 RPM
Taxi Lights..... OFF
Avionics..... OFF
Heater Blower..... OFF
Mags..... GROUND TEST
Mixtures..... IDLE CUTOFF
Mags..... OFF
Beacon & Nav Lights..... OFF
Alternator Switches..... OFF
Battery Switch..... OFF
Control Lock..... INSTALLED
Cargo Compartments..... CHECKED & SECURE
Postflight..... COMPLETE