

## N23GD Cessna 172N/G 1978

### Interior Preflight

AIRCRAFT DOCUMENTS.....CHECK  
HOBBS AND TACH TIME...VERIFY/RECORD  
MASTER SWITCH.....ON  
FUEL GUAGES.....CHECK  
EXTERIOR LIGHTS.....CHECK  
FLAPS.....DOWN  
MASTER SWITCH.....OFF

### Exterior Preflight

OIL.....CHECK (MIN. 5.75 qts)  
FUEL STRAINER.....PULL  
COWL FASTENERS.....SECURE  
PROP/SPINNER.....CONDITION  
AIR INTAKES.....CLEAR  
AIR FILTER.....CLEAR  
ALT. BELT.....CHECK  
NOSE GEAR& TIRE.....CONDITION  
WINDSHIELD.....CHECK  
LEFT WING SUMP.....DRAIN  
LEFT STRUT.....CHECK  
LEFT WING LEADING EDGE.....CHECK  
LEFT FUEL QUANTITY.....CHECK  
STATIC PORT.....CLEAR  
PITOT TUBE .....CHECK  
FUEL VENT.....CHECK  
AUX TANK SUMP.....DRAIN  
AUX TANK QUANTITY.....CHECK  
LEFT WINGTIP.....CHECK  
LEFTAILERON.....CHECK  
LEFT FLAP.....CHECK  
LEFT MAIN GEAR/TIRE.....CHECK  
LEFT SIDE FUSELAGE.....CHECK  
ELEVATOR.....CHECK  
RUDDER/VERTICAL FIN.....CHECK  
ELEVATOR TRIM.....CHECK  
ANTENNAES.....CHECK  
RIGHT SIDE FUSELAGE.....CHECK  
RIGHT MAIN GEAR/TIRE.....CHECK  
RIGHT FLAP.....CHECK  
RIGHTAILERON.....CHECK  
RIGHT WINGTIP.....CHECK  
AUX TANK SUMP.....DRAIN  
AUX TANK QUANTITY.....CHECK  
RIGHT LEADING EDGE.....CHECK  
RIGHT STRUT.....CHECK  
RIGH FUEL SUMP.....DRAIN  
RIGHT FUEL QUANTITY.....CHECK

### Before Engine Start

Preflight INSPECTION.....COMPLETE  
CHOCKS/TIEDOWNS.....REMOVED  
PASSENGER BRIEFING.....COMPLETE  
SEATBELTS/HARNESSES.....FASTENED  
CARB HEAT.....OFF  
CIRCUIT BREAKERS.....IN  
MIXTURE.....RICH  
THROTTLE.....1/8" OPEN  
PRIME.....AS REQUIRED

PRIMER.....IN AND LOCKED?  
FUEL SELECTOR.....BOTH  
PROP AREA.....CLEAR?  
MASTER SWITCH.....ON

### Engine Start

MAGNETOS.....BOTH  
PROP AREA.....CLEAR!  
STARTER.....TURN TO ENGAGE  
THROTTLE.....1000 RPM  
OIL PRESSURE.....CHECK RISING  
MIXTURE.....LEAN FOR TAXI  
FLAPS.....UP

### Before Taxi

RADIO MASTER.....ON  
TRANSPONDER.....VERIFY CODE  
LIGHTS.....AS REQUIRED  
INTERCOM.....CHECK  
RADIOS.....SET  
ATIS.....OBTAIN  
ALTIMETER.....SET  
HEADING INDICATOR.....SET

### Taxi

GROUND.....121.8  
AREA.....CLEAR  
BRAKES.....CHECK ON ROLLOUT  
INSTRUMENT CHECK.....DURING TAXI

### Engine Run Up

PROPELLER.....INTO THE WIND  
FUEL SELECTOR.....BOTH  
FLIGHT CONTROLS.....FREE AND CORRECT  
BRAKES.....HOLD  
MIXTURE.....RICH  
THROTTLE.....1700 RPM  
OIL PRESSURE.....CHECK  
OIL TEMP.....CHECK  
MAGNETOS.....CHECK (MAX 125/50 RPM DROP)  
CARB HEAT.....CHECK DROP  
SUCTION GUAGE.....(4.6-5.4) CHECK  
AMMETER.....CHECK  
IDLE .....CHECK  
AUTOPILOT.....TEST

### Before Takeoff

MIXTURE.....AS REQUIRED/RICH  
CARB HEAT.....OFF  
TRANSPONDER.....ALTITUDE  
AUTOPILOT.....OFF  
FLIGHT CONTROLS.....FREE/CORRECT  
TRIM.....CHECK  
FLAPS.....0 DEGREES  
LANDING/TAXI LIGHT.....ON

WINDOWS AND DOORS.....CLOSED  
TAKEOFF BRIEF.....COMPLETED  
CALL TOWER.....124.2

### Takeoff

RUNWAY HEADING.....CHECK/VERIFY  
POWER.....FULL  
FLIGHT CONTROLS... POSITION FOR WIND  
POWER.....CHECK FULL  
ROTATE.....55 KTS  
CLIMB.....75-80 KTS

### Climb

POWER.....FULL  
MIXTURE.....LEAN AS REQ'D  
LANDING/TAXI LIGHT.....OFF

### Cruise

PITCH.....SET  
POWER.....2200-2400 RPM  
TRIM.....SET  
MIXTURE.....LEAN AS REQ'D

### Before Landing

ATIS/WEATHER.....OBTAIN  
CARB HEAT.....AS REQ'D  
MIXTURE .....RICH/AS REQUIRED  
FUEL SELECTOR.....BOTH  
LANDING/TAXI LIGHT.....ON  
APPROACH BRIEF.....COMPLETE  
SEATBELTS.....FASTENED

### Normal Landing

DOWNWIND.....85 KIAS  
BASE.....75 KIAS  
FINAL.....65 KIAS

### After Landing

FLAPS.....UP  
MIXTURE.....LEAN FOR TAXI  
CARBURETOR HEAT.....OFF  
TRANSPONDER.....VERIFY GND  
LANDING/TAXI LIGHT.....OFF  
RADIO.....CALL GND 121.8

### Shutdown

AVIONICS MASTER.....OFF  
MIXTURE.....IDLE CUT-OFF  
MAGNETOS.....OFF  
MASTER SWITCH.....OFF  
TACH/HOBBS.....RECORD  
CONTROL LOCK.....INSTALL  
EXTERIOR.....CHECK