

C-172S NavIII PILOT'S CHECKLIST

Revision 4: October 11, 2021
FOR INSTRUCTIONAL USE ONLY

V/R AIRCRAFT ACCEPTANCE

Maintenance Status	CHECKED
Aircraft Surfaces	CLEAR
Windows	CLEAN
Emergency & Safety Equipment	CHECKED
Hobbs Meter	RECORDED
Tachometer Time	RECORDED
Aircraft Documents	CHECKED
Aircraft Acceptance Checklist	COMPLETE

N/R PREFLIGHT INSPECTION

Rudder Gust Lock (if installed)	REMOVE
Pitot Cover (if installed)	REMOVE
Cabin	
Aircraft Acceptance Check	COMPLETE
Parking Brake	SET
Control Lock	REMOVE
Ignition Switch	OFF
Avionics Master Switch	OFF
Battery Master Switch	ON
Fuel Gauges	CHECKED
Low Fuel Annunciators	EXTINGUISHED
Avionics Master Switch	ON
Avionics Cooling Fan	CHECK AUDIBLY
Avionics Master Switch	OFF
Alternate Static Source	OFF
Annunciator Panel Switch	TEST
Fuel Selector Valve	BOTH
Fuel Shutoff Valve	ON
Flaps	DOWN
Exterior/Cockpit Lights	CHECKED/OFF
Pitot Heat	CHECKED/OFF
Battery Master Switch	OFF
Trim	SET TAKE OFF

Fuselage/Empennage

Antennas	CHECKED
Rudder Gust Lock	REMOVE/CHECKED
Elevator, Rudder & Trim Tab	CHECKED
Tie Down	REMOVED

Right Wing

Flap, Aileron & Hinges	CHECKED
Wing Tip	CHECKED
Leading Edge	CHECKED
Tie Down	REMOVED
Strut, Tire & Brake	CHECKED
Fresh Air Inlet	CLEAR
Fuel Tank Sumps (5)	DRAIN
Fuel Level & Cap	CHECKED/SECURE

Nose

Windshield	CHECKED
Oil Level	CHECKED, 6 QT MINIMUM
Oil Dipstick	SECURE
Belly Fuel Drains (3)	CHECKED
Cabin Air Inlet	CLEAR
Propeller & Spinner	CHECKED
Alternator Belt	CHECKED
Air Filter	CLEAR
Nose Wheel & Strut	CHECKED
Static Source	CHECKED

Left Wing

Fresh Air Inlet	CLEAR
Fuel Tank Sumps (5)	DRAIN
Fuel Level & Cap	CHECKED/SECURE
Tie Down	REMOVED
Stall Warning Inlet	CLEAR
Fuel Vent	CLEAR
Pitot Tube	CHECKED
Strut, Tire & Brake	CHECKED
Leading Edge	CHECKED
Wing Tip	CHECKED
Flap, Aileron & Hinges	CHECKED
Preflight Inspection Checklist	COMPLETE

C/R BEFORE STARTING ENGINE

A/C ACCEPTANCE CHECK	COMPLETE
PREFLIGHT INSPECTION	COMPLETE
PASSENGER BRIEFING	COMPLETE
SEATS & BELTS	CHECKED
CIRCUIT BREAKERS	CHECKED
ELECTRICAL EQUIPMENT	OFF
AVIONICS SWITCH	OFF
FUEL SELECTOR VALVE	BOTH
FUEL SHUTOFF VALVE	ON
BEACON	ON
BEFORE STARTING CHECKLIST	COMPLETE

C/R STARTING ENGINE

THROTTLE	OPEN 1/4 INCH
MIXTURE	IDLE CUT OFF
STBY BATT (HOLD 20 SECONDS)	TEST/ARM
ENGINE INDICATING SYSTEM	CHECK
BUS E VOLTS (24V MINIMUM)	CHECK
M BUS VOLTS (1.5V MAXIMUM)	CHECK
BATT S AMPS	VERIFY DISCHARGE
STBY BATT ANNUNCIATOR	CHECK
PROPELLER AREA	CLEAR
BATTERY MASTER SWITCH	ON
PRIME	AS REQUIRED
BRAKES	HOLD
IGNITION SWITCH	START
MIXTURE	ADVANCE TO RICH
THROTTLE (800-1000 RPM)	SET
OIL PRESSURE	CHECKED
AVIONICS MASTER SWITCH	ON
RADIOS	ON
FLAPS	RETRACTED
MIXTURE	LEAN
AMMETER	CHECKED
RADIOS	SET & CHECKED
GPS SATELLITES	CHECKED
RAIM, LRUS, & SBAS	CHECKED
AUTOPILOT (if installed)	CHECKED
STARTING ENGINE CHECKLIST	COMPLETE

C/R BEFORE TAXI

FLIGHT INSTRUMENTS	SET/CHECKED
TAXI BRIEFING	COMPLETE
LIGHTS	AS REQUIRED
TAXI AREA	CLEAR
BRAKES	RELEASE
BEFORE TAXI CHECKLIST	COMPLETE

C/R TAXI CHECK

BRAKES & STEERING CHECKED
INSTRUMENTS CHECKED
TAXI CHECKLIST COMPLETE

C/R BEFORE TAKEOFF

PARKING BRAKE SET
SEATBACKS UPRIGHT
SEAT BELTS CHECKED/SECURE
DOORS CLOSED & LOCKED
FLIGHT INSTRUMENTS CHECKED/SET
FUEL QUANTITY CHECKED
FLIGHT CONTROLS FREE & CORRECT
ALTIMETERS (PFD/STBY) SET
ALT SEL SET
STANDBY FLIGHT INSTR. CHECKED
FUEL QUANTITY CHECKED
FUEL SHUTOFF VALVE ON
FUEL SELECTOR VALVE BOTH
ELEVATOR TRIM TAKEOFF

ENGINE CHECK

MIXTURE RICH
THROTTLE 1800 RPM
MAGNETOS CHECKED
VAC INDICATOR CHECKED
ENGINE INDICATOR CHECKED
AMMETERS/VOLTMETERS CHECKED
ANNUNCIATORS CHECKED
IDLE CHECKED
THROTTLE (800-1000 RPM) SET
MIXTURE LEAN

AFTER ENGINE CHECK

TRANSPONDER SET
CABIN PWR 12V SWITCH OFF
DEPARTURE BRIEFING COMPLETE
BRAKES RELEASE
BEFORE TAKEOFF CHECKLIST COMPLETE

V/R LINE UP

Flaps (0-10°) SET/CHECKED
AFTER CLEARED ONTO RUNWAY
Mixture RICH
Landing Light/Strobes ON
Time Off NOTE
Line Up Checklist COMPLETE

V/R CLIMB

Flaps (after reaching 60 KIAS) RETRACTED
Engine Indicating System CHECKED
Airspeed 70-85 KIAS
Mixture SET
Transponder CHECK
Climb Checklist COMPLETE

V/R CRUISE

Throttle (75% power or less) SET
Mixture LEAN
Trim SET
Landing Light OFF
Cruise Checklist COMPLETE

C/R BEFORE LANDING

SEATS & BELTS CHECKED
FUEL SHUTOFF VALVE ON
FUEL SELECTOR VALVE BOTH
MIXTURE RICH
LANDING LIGHT ON
CABIN PWR 12V SWITCH OFF
AIRSPPEED SET
FLAPS AS REQUIRED
BEFORE LANDING CHECKLIST COMPLETE

C/R GO AROUND

THROTTLE FULL
FLAPS RETRACT TO 20°
AIRSPPEED 60 KIAS
FLAPS RETRACT SLOWLY
GO AROUND CHECKLIST COMPLETE

V/R AFTER LANDING

Brakes APPLY
Time On NOTE
External Lights AS REQUIRED
Throttle (800-1000 RPM) SET
Mixture LEAN
Flaps RETRACT
Transponder CHECK
After Landing Checklist COMPLETE

V/R PARKING

Parking Brake SET
Radios, Electrical & Lights OFF
Avionics Master Switch OFF
Magnetos GROUND CHECKED
Mixture IDLE CUT OFF
Ignition Switch OFF
Master Switch OFF
STBY BATT Switch OFF
Brakes RELEASE
Control Lock INSTALLED
Fuel Selector Valve LEFT OR RIGHT
Hobbs Meter RECORDED
Tachometer Time RECORDED
Pitot Cover (if applicable) INSTALLED
Tie Downs SECURED
Parking Checklist COMPLETE

KLAL LOCAL FREQUENCIES

KLAL ATIS: 118.025 **KPCM CTAF: 123.05**
KLAL GRD: 121.4 **KPCM AWOS: 120.025**
KLAL TWR: 124.5 **KPCM ASOS: 133.675**
LAL VOR: 116.00 **KBOW TWR: 121.2**
TPA APRCH: 119.90 **KBOW GRD: 121.9**
FSS: 122.4 **KBOW AWOS: 123.775**
FLT WATCH: 122.0 **KLAL ILS 9: 110.1**

KVDF ILS RWY 23 111.35

SUNRISE 863-644-4270