

C-172R/S NavII PILOT'S CHECKLIST

Revision 1: Issued 7/11/2011
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
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

Baggage Compartment	INSPECT
Baggage Door	CLOSE D /LOCKED
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 (2)	CLEAR
Fuel Tank Sumps (5)	DRAIN
Fuel Level & Cap	CHECKED/SECURE

Nose

Windshield	CHECKED
Eng. Oil Level & Dipstick	CHECKED/ 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 (2)	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
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
CHECKLIST	COMPLETE

C/R STARTING ENGINE

THROTTLE	OPEN 1/4 INCH
MIXTURE	IDLE CUT OFF
PROPELLER AREA	CLEAR
BATTERY MASTER SWITCH	ON
AUXILIARY FUEL PUMP SWITCH	ON
MIXTURE	RICH/IDLE CUTOFF
AUXILIARY FUEL PUMP SWITCH	OFF
BRAKES	HOLD
IGNITION SWITCH	START
MIXTURE	ADVANCE TO RICH
THROTTLE (1000 RPM OR LESS)	SET
OIL PRESSURE	CHECKED
NAVIGATION LIGHTS	AS REQUIRED
AVIONICS MASTER SWITCH	ON
RADIOS	ON
FLAPS	RETRACTED
MIXTURE	LEAN
AMMETER	CHECKED
TRANSPONDER	STBY & TESTED
RADIOS	SET & CHECKED
CHECKLIST	COMPLETE

C/R BEFORE TAXI

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

C/R TAXI CHECK

BRAKES & STEERING CHECKED
INSTRUMENTS CHECKED
CHECKLIST COMPLETE

C/R BEFORE TAKEOFF

PARKING BRAKE SET
SEATBACKS UPRIGHT
SEAT BELTS CHECKED/SECURE
DOORS CLOSED & LOCKED
FLIGHT INSTRUMENTS CHECK/SET
FUEL QUANTITY CHECK
FLIGHT CONTROLS FREE & CORRECT
FUEL SHUTOFF VALVE ON
FUEL SELECTOR VALVE BOTH
ELEVATOR TRIM TAKEOFF

ENGINE CHECK

MIXTURE RICH
THROTTLE 1800 RPM
SUCTION GAUGE CHECKED
ENGINE GAUGES & AMMETER CHECKED
MAGNETOS CHECKED
IDLE CHECKED
THROTTLE (1000 RPM OR LESS) SET
MIXTURE LEAN

AFTER ENGINE CHECK

RADIOS SET
NAV/GPS SWITCH SET
AUPTOPILOT (IF INSTALLED) OFF
DEPARTURE BRIEFING COMPLETE
BRAKES RELEASE
CHECKLIST COMPLETE

V/R LINE UP

Flaps (0-10°) SET/CHECKED
Heading Indicator & Compass CHECKED
AFTER CLEARED ONTO RUNWAY
Mixture RICH
Transponder ON/ALT
Landing Light/Strobes ON
Time Off NOTE
Checklist COMPLETE

V/R CLIMB

Flaps (after reaching 60 KIAS) RETRACTED
Engine Gauges CHECKED
Airspeed 70-85 KIAS
Mixture SET
Checklist COMPLETE

V/R CRUISE

Throttle (75% power or less) SET
Mixture LEAN
Trim SET
Landing Light OFF
Heading Indicator/Compass CHECKED
Checklist COMPLETE

V/R DESCENT

Power SET
Mixture ADJUST
Altimeter SET
Nav/GPS switch SET
Fuel Selector Valve BOTH
Flaps SET

C/R BEFORE LANDING

SEAT BACKS UPRIGHT
SEATS & BELTS CHECKED
FUEL SHUTOFF VALVE ON
FUEL SELECTOR VALVE BOTH
MIXTURE RICH
LANDING LIGHT ON
AIRSPPEED SET
AUTOPILOT (IF INSTALLED) OFF
CHECKLIST COMPLETE

C/R GO AROUND

THROTTLE FULL
FLAPS RETRACT TO 20°
AIRSPPEED 55R/ 60S KIAS
FLAPS 10° UNTIL OBSTACLES CLEARED
FLAPS RETRACTED
CHECKLIST COMPLETE

V/R AFTER LANDING

Brakes APPLY
Time On NOTE
External Lights AS REQUIRED
Throttle (1000 RPM or less) SET
Mixture LEAN
Flaps RETRACT
Transponder STANDBY
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
Brakes RELEASE
Control Lock INSTALLED
Fuel Selector Valve LEFT OR RIGHT
Hobbs Meter RECORDED
Tachometer Time RECORDED
Pitot Cover (if applicable) INSTALLED
Rudder Gust Lock (if applicable) INSTALLED
Tie Downs SECURED
Checklist COMPLETE

LOCAL FREQUENCIES
KOMN ATIS: 118.475 **KXFL ATIS: 128.325**
KOMN GRD: 121.625 **KXFL GRND: 121.75**
KOMN TWR: 119.075 **KXFL TWR: 118.95**
OMN VOR: 112.6 **PRCT AREA: 122.85**
DAB APRCH: 125.8 **FLT WATCH: 122.0**
KDAB ATIS: 120.05 **KDAB ILS: 109.7**
KDAB TWR: 120.7 **KDAB CLR: 119.3**
KDAB GRD: 121.9
ST. PETE FSS: 122.4 or 122.1/122.6