



**Notodden og Kongsberg
FLYKLUBB**

**PREFLIGHT
INSPECTION
C172 LN-NKF
Rev.1**

PREFLIGHT		
1	Magnetos	OFF
2	ELT	CHECK IN ARM POSITION
3	Control Wheel Lock	REMOVE
4	Fire Ext / First Aid / Survival Kit	CHKD
5	Master Switch	ON
6	Flaps	FULL
7	Avionics	Turn ON avionics bus 1, verify forward avionics fan is heard. Turn OFF avionics bus 1. Turn ON avionics bus 2, verify aft avionics fan is heard. Turn OFF avionics bus 2
8	Pitot heat (Max 3 min on grund)	CHKD
9	Landing & Taxi Lights	CHKD
10	Nav, Strobe & Beacon Lights	CHKD
11	Master Switch	OFF
12	Fuel System - Drain Sumps	DRAIN (13 DRAINS)
13	RH Fuel Tank Quantity & Filler Cap	CHKD
14	LH Fuel Tank Quantity & Filler Cap	CHKD
15*	LH Main Wheels / Brakes / Strut	CHKD
16*	LH Wing Surface	CLEAN
17	LH Fuel Vent	CHKD
18	LH Pitot Probe	CHKD
19	LH Stall Warner	CHKD
20*	LH Wing Static Wicks	CHKD
21*	LH Aileron	CHKD
22*	LH Flap	CHKD
23	LH Door & Baggage door	CHKD CLOSED/LOCKED
24	Tail Section, Static Wicks & Trim Tabs	CHKD
25	Antennas	CHKD
26	Windows	CLEAN
27	Repeat item (*) on RH	REPEAT
28	Engine Cowling	CHKD
29	Oil Quantity (Min 5) / Oil filler Cap	CHKD
30	Propeller & Spinner	CHKD
31	Alternator Belt	CHKD
32	Nose Wheel Strut	CHKD
33	Static Source (Left side of fuselage)	CHKD
34	Towbar & Chocks	REMOVE



BEFORE START:

1	A/C Doc. / Pax Brief / Preflight	COMPLETED
2	Control Locks / Chocks	RMWD
3	Parking Brake	SET
4	Seats & Belts	CHKD/FASTEN
5	Circuit Breakers	CHKD
6	Electrical Equipment	OFF
7	Cabin Power 12 Volt	OFF
8	Avionics Switch Bus 1 & 2	OFF
9	Standby Batt Switch	TEST 10 SEC – ARM
10	Flight Controls	FREE & CORRECT
11	Elevator Trim	SET FOR TAKEOFF
12	Fuel Selector Valve	BOTH
13	Fuel Shutoff Valve	CHECK ON
14	Throttle Control	SET 1 CM
15	Mixture Control	IDLE CUT
16	Engine Indicating System	NO RED X's
17	Bus E Volts	MIN 24V
18	M Bus Volts	1,5V OR LESS
19	Batt S Amps	DISCHARGE
20	Standby Batt Annunciator	CHKD
21	Master / Alternator Switch	ON
22	Beacon	ON
23	Fuel Pump (Only Cold Engine)	ON
24	Mixture Control	FULL RICH 3-5 SEC – IDLE CUT
25	Fuel Pump	OFF
26	Propeller Area	CLEAR
27	Magnetos	BOTH - START
28	Mixture Control	RICH

AFTER START:

1	Oil Pressure / Volts / Amps	CHKD
2	Fuel Quantity	CHKD
3	Avionics	BUS 1 & 2 - ON
4	Nav Lights	AS REQ (NIGHT ONLY)
5	Flaps	UP
6	ATIS (If Available)	RECEIVED
7	Altimeters	SET
8	Clearance	RECEIVED

TAXI:

1	Taxi Lights	ON
2	Brakes	CHKD
3	Flight Instruments	CHKD CORRECT

BEFORE TAKE-OFF:

1	Engine Run Up	1800RPM – LEFT/RIGHT MAGNETOS (150/50) – ALL ENG INSTR. GREEN – CHECK IDLE – BACK TO 1000 RPM
2	T/O Considerations /Emerg. Brief	BRIEFED / GIVEN
3	Flaps	10 – UP
3	Cabin Doors / Windows	CLSD & LCKD
4	Transponder	CHKD

LINE UP:

1	Lights	STROBE ON / LANDING LIGHT ON
2	Mixture	RICH
3	Engine Instruments	CHKD GREEN



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NORMAL CHECKLIST
C172 LN-NKF
Rev.1

CLIMB:

1	Flaps	UP
2	Landing / Taxi Lights	OFF

CRUISE:

1	Cruise Power / Mixture	SET / LEAN
2	Engine Instruments	CHKD

APPROACH:

1	ATIS (If available)	RECEIVED
2	Altimeters	QNH SET FOR DESTINATION AERODROME

BEFORE LANDING:

1	Seat Belts	FASTEN
2	Fuel Selector Valve	BOTH
3	Flaps	AS REQUIRED
4	Mixture	RICH
5	Lights	AS REQUIRED
6	Cabin Power 12 Volt	OFF
7	Brakes	CHKD
8	Landing Considerations	BRIEFED

AFTER LANDING: (Out of RWY)

1	Flaps	UP
2	Lights	STROBE OFF / LANDING LIGHT OFF

PARKING:

1	Parking Brake	AS REQ
2	Taxi Light	OFF
3	Avionics	BUS 1 & 2 OFF
4	Mixture	IDLE CUTOFF
5	Magnetos	OFF
6	Master / Alternator Switch	OFF
7	Tachometer	NOTE
8	Standby Batt Switch	OFF
9	Lights	OFF
10	Fuel Selector Valve	LEFT/RIGHT
11	Fuel Shutoff Valve	STAYS ON
12	Stick Lock	INSTALLED
13	Documents	COMPLETED
14	Flightplan	CLOSE W/NOTAM
15	Chocks	ON
16	Clean up A/C	DONE



ON GROUND

ENGINE FIRE:

1	Magnetos Switch	START (continue cranking)
2	If start: 1800 RPM for a few minutes, then shutdown and inspect for damage. If no start: continue checklist	
3	Throttle Control	FULL
4	Mixture Control	IDLE CUTOFF
5	Magnetos Switch	START(continue cranking)
6	Fuel Shutoff Valve	OFF
7	Fuel Pump Switch	OFF
8	Magnetos Switch	OFF
9	STBY Battery Switch	OFF
10	Master Switch	OFF
11	Engine	SECURE
12	Parking Brake	RELEASE
13	Fire Extinguisher	OBTAIN
14	Airplane	EVACUATE
15	Fire	Extinguish

IN FLIGHT

ENGINE FIRE:

1	Mixture Control	IDLE CUTOFF
2	Fuel Shutoff Valve	PULL OFF
3	Fuel Pump	OFF
4	Master / Alternator Switch	OFF
5	Cabin Vents	OPEN / AS REQ
6	Cabin Heat / Cabin Air	OFF
7	Airspeed	100 KIAS
8	Landing	ASAP

ELECTRICAL FIRE:

1	STBY Battery Switch	OFF
2	Master / Alternator Switch	OFF
3	Cabin Vents	CLOSED
4	Cabin Heat and Cabin Air	CLOSED
5	Fire Extinguisher	ACTIVATE
6	Avionics Switch	OFF
7	All other Switches (except Magnetos)	OFF
8	Cabin Vents	OPEN
9	Cabin Heat and Cabin Air	ON

Continue checklist from POH page 3-12

ENGINE FAILURE:

1	Fuel selector	BOTH
2	Fuel shutoff valve	CHECK ON
3	Mixture Control	FULL RICH
4	Fuel pump	ON
5	Magnetos	BOTH –START IF REQ
6	Fuel pump	OFF
7	Landing	ASAP
8	If no start: continue with emergency landing checklist	

EMERGENCY LANDING CHECKLIST:

1	Seat Belts	FASTEN
2	Mixture Control	IDLE CUT
3	Throttle Control	PULL CLOSED
4	Fuel Shutoff Valve	PULL OFF
5	Flaps	AS REQ
6	Master / Alternator Switch	OFF
7	STBY Battery Switch	OFF
8	Doors	UNLATCH