N1702E

## 1975 CESSNA 172N

PREFLIGHT	
WX/WEIGHT/FP/AROW	COMPLETE
TIES, LOCKS, CHOCKS	REMOVED
PARKING BRAKE	SET
IGNITION SWITCH	OFF
MASTER	ON
FUEL GAUGES	CHECK
• FLAPS	
PITOT HEAT SWITCH	
STROBES/NAVS/LANDING	ON/CHECK
PITOT/LIGHTS/MASTER	OFF
TRIM	TAKE OFF
FIRE EXTINGUISHERS	
FUSELAGE / ANTENNAS	CHECK
EMPENNAGEMOVEME	
FLAPS: HINGES,PINS,NUTS	
AILERONS: HINGES/MOVEMENT	
WING SURFACES/LEADING EDGE	CHECK
TIRES, LINES, BRAKES, STRUT	CHECK
FUELSUPPLY	SLIMP STRAIN
STRAINER	PIII I 4-6 SECS
OIL	
6 IF LONG FLIGHT IS PLAN	
PROP CLEAN FROM NICKS & CUTS	
ENGINE COMPARTMENT	
AIR FILTER	
STATIC/PITOT/DRAIN	
STALL WARNING VENT	
STORAGE	
HOBBS	
PASSENGER BRIEF: SAFE	
Seatbelts, Air vents, Fire extingu	
Exits, Sick, Talking	
Exits, Sick, Talking PRE-START	
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS	LOCK / ON
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS FUEL SELECTOR/VALVE	LOCK / ON
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS FUEL SELECTOR/VALVE LIGHTS/ELECTRICAL/RADIOS	LOCK / ON ON/BOTH
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS FUEL SELECTOR/VALVE LIGHTS/ELECTRICAL/RADIOS PARKING BRAKES	LOCK / ONON/BOTHOFF
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVELIGHTS/ELECTRICAL/RADIOS PARKING BRAKES	LOCK / ONON/BOTHOFF
Exits, Sick, Talking  PRE-START  SEAT BACK, TRACK & BELTS.  FUEL SELECTOR/VALVELIGHTS/ELECTRICAL/RADIOSPARKING BRAKES.  CIRCUIT BREAKERSENGINE START	LOCK / ONON/BOTHOFFTEST/SETIN
Exits, Sick, Talking  PRE-START  SEAT BACK, TRACK & BELTS.  FUEL SELECTOR/VALVE.  LIGHTS/ELECTRICAL/RADIOS.  PARKING BRAKES.  CIRCUIT BREAKERS.  ENGINE START  MIXTURE.	LOCK / ONON/BOTHOFFTEST/SETIN
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS FUEL SELECTOR/VALVE LIGHTS/ELECTRICAL/RADIOS PARKING BRAKES CIRCUIT BREAKERS ENGINE START MIXTURE CARB HEAT	LOCK / ONON/BOTHOFFTEST/SETINRICHCOLD (IN)
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS.  ENGINE START MIXTURE. CARB HEAT. PRIME.	LOCK / ONON/BOTHOFFININ
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS FUEL SELECTOR/VALVE LIGHTS/ELECTRICAL/RADIOS PARKING BRAKES CIRCUIT BREAKERS ENGINE START MIXTURE CARB HEAT	LOCK / ONON/BOTHOFFININ
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS.  ENGINE START MIXTURE. CARB HEAT. PRIME.	LOCK / ON ON/BOTH OFF TEST/SET IN RICH COLD (IN) AS REQUIRED OPEN % INCH
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELLTS. FUEL SELECTOR/VALVELIGHTS/ELECTRICAL/RADIOS PARKING BRAKES	LOCK / ON ON/BOTH OFF TEST/SET IN RICH COLD (IN) AS REQUIRED OPEN ½ INCH
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELLS. FUEL SELECTOR/VALVE LIGHTS/ELECTRICAL/RADIOS PARKING BRAKES CIRCUIT BREAKERS  ENGINE START  MIXTURE  CARB HEAT PRIME THROTTLE PROP	LOCK / ONON/BOTHOFFININRICHCOLD (IN) .AS REQUIREDOPEN % INCHCLEARON
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE	LOCK / ON ON/BOTH OFF TEST/SET IN RICH COLD (IN) AS REQUIRED OPEN % INCH OPEN ON
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS	LOCK / ON ON/BOTH OFF TEST/SET IN RICH COLD (IN) AS REQUIRED OPEN % INCH CLEAR ON ON
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS. ENGINE START MIXTURE. CARB HEAT PRIME. THROTTLE. PROP. MASTER. BEACON. IGNITION SWITCH.	LOCK / ONON/BOTHOFFININRICHCOLD (IN)AS REQUIREDOPEN % INCHCLEARONONSTART E TO 1000 RPM
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS. ENGINE START MIXTURE. CARB HEAT. PRIME. THROTTLE PROP. MASTER. BEACON. IGNITION SWITCH. ENGINE ENGAGES. THROTTL INE	LOCK / ONON/BOTHOFFTEST/SETINRICHCOLD (IN)AS REQUIREDOPEN ½ INCHCLEARONONSTART E TO 1000 RPM .IN THE GREEN
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELLTS. FUEL SELECTOR/VALVE LIGHTS/ELECTRICAL/RADIOS PARKING BRAKES CIRCUIT BREAKERS  ENGINE START  MIXTURE  CARB HEAT PRIME THROTTLE PROP MASTER BEACON IGNITION SWITCH ENGINE ENGAGES THROTTL OIL PRESSURE	LOCK / ONON/BOTHOFFTEST/SETINRICHCOLD (IN)AS REQUIREDOPEN ½ INCHCLEARONONSTART E TO 1000 RPM .IN THE GREEN
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS. ENGINE START MIXTURE. CARB HEAT. PRIME. THROTTLE PROP. MASTER. BEACON. IGNITION SWITCH. ENGINE ENGAGES. THROTTL INE	LOCK / ON ON/BOTH OFF OFF TEST/SET IN RICH COLD (IN) AS REQUIRED OPEN ½ INCH CLEAR ON START E TO 1000 RPM IN THE GREEN NOTED
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS.  ENGINE START  MIXTURE. CARB HEAT. PRIME THROTTLE. PROP. MASTER. BEACON. IGNITION SWITCH. ENGINE ENGAGES. THROTTL OIL PRESSURE. TIME. PRE-TAXI / TAXI FLAPS. MIXTURE.	LOCK / ONON/BOTHOFFIN
Exits, Sick, Talking PRE-START SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS. ENGINE START MIXTURE. CARB HEAT PRIME. THROTTLE. PROP. MASTER. BEACON. IGNITION SWITCH. ENGINE ENGAGES. THROTTL ENGINE ENGAGES. THROTTL IME. PRE-TAXI / TAXI FLAPS.	LOCK / ONON/BOTHOFFIN
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS.  ENGINE START  MIXTURE. CARB HEAT. PRIME THROTTLE. PROP. MASTER. BEACON. IGNITION SWITCH. ENGINE ENGAGES. THROTTL OIL PRESSURE. TIME. PRE-TAXI / TAXI FLAPS. MIXTURE.	LOCK / ONON/BOTHOFFTEST/SETINRICHCOLD (IN)AS REQUIREDOPEN ½ INCHCLEARONONSTART E TO 1000 RPM .IN THE GREENNOTEDRETRACTEDLEANON/ALT
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELLTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS.  ENGINE START  MIXTURE. CARB HEAT. PRIME THROTTLE. PROP. MASTER BEACON. IGNITION SWITCH. ENGINE ENGAGES. THROTTL OIL PRESSURE. TIME. PRE-TAXI / TAXI FLAPS. MIXTURE. RADIO/AVIONICS/TRANSPONDER.	LOCK / ON
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS	LOCK / ON
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS. ENGINE START  MIXTURE. CARB HEAT PRIME. THROTTLE PROP. MASTER. BEACON. IGNITION SWITCH. ENGINE ENGAGES. THROTTL OIL PRESSURE. TIME. PRE-TAXI / TAXI FLAPS. MIXTURE. RADIO/AVIONICS/TRANSPONDER. ATIS / ALTIMETER. LIGHTS.	LOCK / ON  ON/BOTH  OFF  TEST/SET  IN  RICH  COLD (IN)  AS REQUIRED  OPEN % INCH  CLEAR  ON  START  E TO 1000 RPM  IN THE GREEN  NOTED  RETRACTED  LEAN  ON/ALT  WITHIN 75'  AS REQUIRED  RADIO TEST
Exits, Sick, Talking PRE-START  SEAT BACK, TRACK & BELTS. FUEL SELECTOR/VALVE. LIGHTS/ELECTRICAL/RADIOS. PARKING BRAKES. CIRCUIT BREAKERS. ENGINE START  MIXTURE. CARB HEAT PRIME. THROTTLE. PROP. MASTER. BEACON. IGNITION SWITCH. ENGINE ENGAGES. THROTTL OIL PRESSURE. TIME. PRE-TAXI / TAXI FLAPS. MIXTURE. RADIO/AVIONICS/TRANSPONDER. ATIS / ALTIMETER. LIGHTS. TAXI CALL.	LOCK / ONON/BOTHON/BOTHOFFIN

RUN UP	
BRAKES	SET/HOLD
LIGHTS	
CABIN DOORS	
INSTRUMENTS	
FLIGHT CONTROLSFREE 8	
TRIM	
MIXTURE	
THROTTLE	1/00 RPW
MAGS TESTDROP <125B/T	
CARB HEAT	
AMMETER"ZI	
SUCTION4	
OIL PRESS/TEMP	
FUEL TANKS	
THROTTLE/LOCKIDL	E CK / 1000
ABORT PLAN READY	
ROLL BEFORE ROTATION: Any Anomaly	
<ul> <li>Throttle Idle, Brake, Exit RWY</li> </ul>	
AFTER ROTATION W/USABLE: Engine Fail/F	ire
<ul> <li>Throttle Idle, Land straight ahead</li> </ul>	
AFTER ROTATION, W/O USABLE, <1000: Vg	
spot 30° of nose, communicate, shut down, emo	
AFTER ROTATION > 1000: Vg 60-65 KTS, star	
back to the field	idara rato tarri
PRE-TAKE OFF	
LIGHTSAS	PEOLIPED
INSTRUMENTS	
TRANSPONDER	
TIME	
TRIMS	
SEAT BELTS, DOORS, WINDOWS	
BRAKETAKE OFF	RELEASE
TAKE OFF	
FLAPS	
CARB HEAT	
THROTTLE	
INSTRUMENTS	
AIRSPEED	
V <sub>R</sub>	
V <sub>Y</sub>	70-80 KTS
ENROUTE	
CLIMB	75-85 KTS
MIXTURELEAN FOR	R ALTITUDE
CRUISEPOWER 2000 to 2700 R	
ELEVATOR TRIM	ADJUSŤ
MIXTURE	
PRE-DESCENT/LANDING	
WX	ORTAINED
ALTIMETER	
RADIOS	
NAV/GPS	
SEATBELTS/DOORS/WINDOWS	
MIXTURE	KICH
GO AROUND	0055
THROTTLE	
CARB HEAT	
FLAPSRETR	
AIRSPEED	60-70 KTS
FLAPS10 UNTIL OBSTACLE	CLEARED
RETRACT AFTER SAFE ALTITUDE, PR	•
TDIM	DECHIDED

	ОРЕ	RATING	SPEEDS: KTS	
VNE I	NEV.EXCEED	160	VG T/O FLAPS UP	65
VNO (	RUISE	128	VG T/O FLAPS DN	60
VA N	MANEUVER	97	VSO STALL DIRTY	44
VR F	ROTATE	55	VS1 STALL	50
VX		59	APPR FL.DOWN	55-65
VY		70-80	APPR FL. UP	60-70
	ENROUTE	75-85	SH FLD APP CLIMB	57
VFE	10° - 40°	85	XWIND	15
			RUNWAY	
			AS RE	
			LEAN F	
			RET	
TRANSPONDERALTITUDE				
TRIM			SET	FOR T/C
			DOWN	
			IERA ~ ACTION	
MIXTUF			ACON	OFI
	P	OST FLIG	SHT CHECK	
HOBBS	/TACH			LOGGE
SQUAW	/KS			LOGGE
WINDO	WS			CLEAN
CONTR	OL LOCK/BELT	S		SET
SHADE				SE1
TRASH	/ITEMS		RI	EMOVED
TIES, L	OCKS, CHALKS	3		SECURE
DOORS				OCKED
		A/C INFO	RMATION	
MAX GI	ROSS: 2300		BAGGAGE: 120	
-	UEL: 100LL BL	IIE	ELECTRICAL: 14	v DC
	PACITY P/TANK		BATTERY: 12	
	EABLE P/TANK		ALTERNATOR: 60	-
"	LADEL I / IAIN	1. 24	ALILIMATON. 00	AIVII
OI	L CAPACITY: 8	QTS	TIRE PRESSU	RE
	WEIGHT: 10W		NOSE: 31PS	
-	SAE 30 OR SAE		MAINS: 29 PS	
	00 ON OAL		III/AIII 0. 23 F 0	
VAC	UUM: 4.5 - 5.4 i	in. Hg.	SERVICE CEILING:	13.100

## **EFFECTIVE 03-30-24**

A: AIRSPEED: 60 KTS
B: BEST SPOT TO LAND WIND DIR/VELOCITY
C: CHECK ENGINE
CARB HEATON
FUEL SELECTORBOTH
• MIXTURERICH
PRIMERIN/LOCKED
• MAGSCHECK
D: DECLARE EMERGENCY
• TWR, APP, Unicom121.5
• SQUAWK7700
• E.L.TON
E: ENGINE SECURE
FUEL SELECTOROFF
MIXTUREFULL CUT-OFF
THROTTLEIDLE CUT-OFF
FULL FLAPSWHEN FIELD ASSURED
AVIONICS, MASTER, MAGSOFF
SEAT BELTS/HARNESSSECURE
DOORSUNLATCH/PROP
FORCE LANDPROTECT BODY
ENGINE FIRE: START UP
NOT STARTED
THROTTLEOPEN
MIXTURE / FUEL / SELECTOROFF
MAGSTURN 5 SECONDS & SHUTDOWN
militari di Contra di Cont
<u>STARTED</u>
RUN A FEW MINUTES @ 1700 RPM
DRAW FLAMES IN CYLINDER
MIXTURE / FUEL / SELECTOROFF
EXTERNAL EXTINGUISHER
ENGINE FIRE IN FLIGHT
ENGINE FIRE: IN FLIGHT
ENGINE FIRE IN FLIGHT MIXTURECUTOFF
ENGINE FIRE: IN FLIGHT MIXTURECUTOFF FUEL SELECTOROFF
MIXTURE
MIXTUREOFF FUEL SELECTOROFF SLIP OR EMERGENCY DESCENTEXT.FLAMES MASTER/MAGS/ELECTRICALOFF
MIXTUREOFF FUEL SELECTOROFF SLIP OR EMERGENCY DESCENTEXT.FLAMES MASTER/MAGS/ELECTRICALOFF CABIN HEAT/AIROFF
MIXTURE