N79113

PREFLIGHT
WX/WEIGHT/FP/AROWCOMPLETE
TIES, LOCKS, CHOCKSREMOVED
PARKING BRAKESET
IGNITION SWITCHOFF
MASTERON
PFDVERIFY ON / NO RED X'S
FUEL GAUGESCHECK
FLAPSEXTEND
PITOT HEAT SWITCHON/CHECK (IFR)
STROBES/NAVS/LANDINGON/CHECK
PITOT/LIGHTS/MASTEROFF
TRIMTAKE OFF
FIRE EXTINGUISHERSECURE/GREEN
FUSELAGE / ANTENNASCHECK
EMPENNAGEMOVEMENT & SECURITY
FLAPS: HINGES,PINS,NUTSSECURED AILERONS: HINGES/MOVEMENTCHECK
WING SURFACES/LEADING EDGECHECK
TIRES, LINES, BRAKES, STRUTCHECK
FUELSUPPLY, SUMP, STRAIN
OIL6-8 QUARTS
8 IF LONG FLIGHT IS PLANNED
PROP CLEAN FROM NICKS & CUTSCHECK
ENGINE COMPARTMENTCLEAR
AIR FILTERCLEAN
STATIC/PITOT/DRAINCLEAR
STALL WARNING VENTCLEAR
STORAGELOCKED
HOBBSLOGGED
PASSENGER BRIEF: SAFEST
Seatbelts, Air vents, Fire extinguisher
Exits, Sick, Talking
PRE-START
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON FUEL SELECTOR/VALVE
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON FUEL SELECTOR/VALVEON/BOTH LIGHTS/ELECTRICAL/RADIOSOFF
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON FUEL SELECTOR/VALVEON/BOTH LIGHTS/ELECTRICAL/RADIOSOFF PARKING BRAKESTEST/SET
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON FUEL SELECTOR/VALVEON/BOTH LIGHTS/ELECTRICAL/RADIOSOFF PARKING BRAKESTEST/SET CIRCUIT BREAKERSIN
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON FUEL SELECTORIVALVEON/BOTH LIGHTS/ELECTRICAL/RADIOSOFF PARKING BRAKESTEST/SET CIRCUIT BREAKERSIN ENGINE START
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON FUEL SELECTOR/VALVEON/BOTH LIGHTS/ELECTRICAL/RADIOSOFF PARKING BRAKESTEST/SET CIRCUIT BREAKERSIN ENGINE START MIXTURERICH
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON FUEL SELECTORIVALVEON/BOTH LIGHTS/ELECTRICAL/RADIOSOFF PARKING BRAKESTEST/SET CIRCUIT BREAKERSIN ENGINE START MIXTURERICH CARB HEATCOLD (IN)
PRE-START
PRE-START
PRE-START SEAT BACK, TRACK & BELTS
PRE-START
PRE-START SEAT BACK, TRACK & BELTSLOCK / ON FUEL SELECTOR/VALVEON/BOTH LIGHTS/ELECTRICAL/RADIOSOFF PARKING BRAKESTEST/SET CIRCUIT BREAKERSIN ENGINE START MIXTURERICH CARB HEATCOLD (IN) PRIMEAS REQUIRED THROTTLEOPEN ½ INCH PROPCLEAR MASTERON PFDON / NO RED X'S
PRE-START
PRE-START SEAT BACK, TRACK & BELTS LOCK / ON FUEL SELECTORVALVE ON/BOTH LIGHTS/ELECTRICAL/RADIOS OFF PARKING BRAKES TEST/SET CIRCUIT BREAKERS IN ENGINE START MIXTURE RICH CARB HEAT COLD (IN) PRIME AS REQUIRED THROTTLE OPEN ½ INCH PROP CLEAR MASTER ON / FD ON / NO RED X'S BEACON ON IGNITION SWITCH START
PRE-START SEAT BACK, TRACK & BELTS LOCK / ON FUEL SELECTORVALVE ON/BOTH LIGHTS/ELECTRICAL/RADIOS OFF PARKING BRAKES TEST/SET CIRCUIT BREAKERS IN ENGINE START MIXTURE RICH CARB HEAT COLD (IN) PRIME AS REQUIRED THROTTLE OPEN ½ INCH PROP CLEAR MASTER ON PFD ON / NO RED X'S BEACON ON IGNITION SWITCH START ENGINE ENGAGES THROTTLE TO 1000 RPM
PRE-START SEAT BACK, TRACK & BELTS
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PRE-START SEAT BACK, TRACK & BELTS LOCK / ON FUEL SELECTORVALVE ON/BOTH LIGHTS/ELECTRICAL/RADIOS OFF PARKING BRAKES TEST/SET CIRCUIT BREAKERS IN ENGINE START MIXTURE RICH CARB HEAT COLD (IN) PRIME AS REQUIRED THROTTLE OPEN ½ INCH PROP CLEAR MASTER ON PFD ON / NO RED X'S BEACON ON IGNITION SWITCH START ENGINE ENGAGES THROTTLE TO 1000 RPM
PRE-START SEAT BACK, TRACK & BELTS
PRE-START SEAT BACK, TRACK & BELTS LOCK / ON FUEL SELECTOR/VALVE ON/BOTH LIGHTS/ELECTRICAL/RADIOS OFF PARKING BRAKES TEST/SET CIRCUIT BREAKERS IN ENGINE START MIXTURE RICH CARB HEAT COLD (IN) PRIME AS REQUIRED THROTTLE OPEN % INCH PROP CLEAR MASTER ON / NO RED X'S BEACON ON / GNITION SWITCH START ENGINE ENGAGES THROTTLE TO 1000 RPM OIL PRESSURE IN THE GREEN TIME NOTED PRE-TAXI / TAXI FLAPS RETRACTED MIXTURE LEAN RADIO/AVIONICS/TRANSPONDER ON/ALT FREQ/ATIS/ALTIMETER (PRIMARY & STBY) SET ALTIMETER WITHIN 75' LIGHTS AS REQUIRED TAXI CALL RADIO TEST
PRE-START SEAT BACK, TRACK & BELTS

RUN UP				
BRAKES	SET/HOLD			
LIGHTS				
CABIN DOORS				
INSTRUMENTS				
AUTO PILOT & FLIGHT DIRECTOR				
FLIGHT CONTROLSF				
TRIMMIXTURE				
THROTTLE				
MAGS TEST	DROP <125			
Difference in drop between				
CARB HEAT				
AMMETER				
OIL PRESS/TEMP	CHECK			
FUEL TANKS				
THROTTLE/LOCK.				
ABORT PLAN READ				
ROLL BEFORE ROTATION: Any Anom				
Throttle Idle, Brake, Exit RV	NY F '''E'			
AFTER ROTATION W/USABLE: Engine	Fail/Fire			
 Throttle Idle, Land straight a AFTER ROTATION, W/O USABLE, <100 	anead			
spot 30° of nose, communicate, shut dow				
AFTER ROTATION > 1000: Vg 80 MPH,	etandard rate turn			
back to the field	Standard rate turn			
PRE-TAKE OFF				
LIGHTS	AS REQUIRED			
INSTRUMENTS				
TRANSPONDER				
TIME	NOTED			
TRIM	SET FOR T/O			
SEAT BELTS, DOORS, WINDOWS				
BRAKETAKE OFF	RELEASE			
FLAPS				
CARB HEAT THROTTLE				
INSTRUMENTS				
AIRSPEED				
V _R				
V _v	85 MPH			
ENROUTE CLIMB80-90 MPH				
CLIMB	80-90 MPH			
CRUISEPOWER 2200 to 2	700 RPM (< 75%)			
ELEVATOR TRIM				
MIXTUREPRE-DESCENT / LAND	LEAN			
PRE-DESCENT / LANL				
ALTIMETER				
RADIOS				
NAV/GPS				
SEATBELTS/DOORS/WINDOWS				
MIXTURE				
DESCENT AIRSPEED (FLAPS UP)	70-80 MPH			
DESCENT AIRSPEED (FLAPS DOWN)	65-75 MPH			
GO AROUND				
THROTTLE				
CARB HEAT				
FLAPS				
AIDCDEED				
AIRSPEED FLAPSRETRACT INCREMENTS	68 MPH			

1969 CESSNA 172K

	SPEEDS: MPH		
80	VG GLIDE		NE NEV.EXCEED
	VSO STALL DIRTY		NO CRUISE
57	VS1 STALL CLEAN		A
	VFE FLAPS EXT		R ROTATE
70-80	APP: FLAPS UP	65	X BEST ANGLE
65-75	-		Y BEST RATE
69	SHORT FLD LDG: 40°	80-90	LIMB ENROUTE
65	GO AROUND	15	WIND
	SPEEDS: KTS	ERATING S	OPE
69	VG GLIDE	64	NE NEV.EXCEED
42	VSO STALL DIRTY		NO CRUISE
49	VS1 STALL CLEAN		A
86	VFE FLAPS EXT		R ROTATE
61-69		56	
56-65	APP: FLAPS DN		Y BEST RATE
60	SHORT FLD LDG: 40°	69-78	LIMB ENROUTE
56	GO AROUND		WIND
	RUNWAY	CLEAR F	
RACTED TITUDE	RETF		RANSPONDER
RACTED TITUDE FOR T/OOFFOFF OGGED OGGEDCLEANSETSET EMOVED	RETF AL' SET F DOWN ERA ~ ACTION ACON HIT GHECK L RE	SHUTT TS ~ CAM ACON) STER, BE/ OST FLIG	IXTURE
RACTED TITUDE FOR T/OOFFOFF OGGED OGGEDSETSET EMOVED SECURE OCKED	RETF AL SET F DOWN ERA ~ ACTION ACON. HT CHECK L REE SE L RMATION	SHUTI TS ~ CAM ACON) STER, BEA OST FLIG	IXTURE
RACTED TITUDE FOR T/OOFFOFF OGGED OGGEDLEANSETSET EMOVED SECURE OCKED	RETF AL' SET F DOWN ERA ~ ACTION ACON. HT CHECK L	SHUTI TS ~ CAM ACON) STER, BEA OST FLIG	IXTURE
RACTED TITUDE FOR T/O OFFOFF OGGED OGGED .CLEANSE1 EMOVED SECURE OCKEDSE1 EMOVED SECURE OCKED	RETF AL SET F DOWN ERA ~ ACTION ACON. HT CHECK L REE SE L RMATION	SHUTI TS ~ CAM ACON) STER, BEA OST FLIG TS A/C INFO UE K: 21	IXTURE
RACTEL TITUDE FOR T/O OFF OFF OGGED OGGED C.CLEAN SET EMBEL EMBEL SET EMBEL EMBL EMB	RETF AL' SET F DOWN ERA ~ ACTION ACON. HT CHECK L RE	SHUTI TS ~ CAM ACON) STER, BEA OST FLIG TS A/C INFO UE K: 21 K: 19 QTS	IXTURE

POWER LOSS IN FLIGHT / EMERGENCY LANDING
A: AIRSPEED: 80 MPH / 69 KTS
B: BEST SPOT TO LAND WIND DIR/VELOCITY
C: CHECK ENGINE
CARB HEATON MIXTURERICH
FUELBOTH 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
<u>STARTED</u>
RUN A FEW MINUTES @ 1700 RPM
 DRAW FLAMES IN CYLINDER
MIXTURE / FUEL / SELECTOROFF
EXTERNAL EXTINGUISHER
ENGINE FIRE: IN FLIGHT
MIXTURECUTOFF
FUEL SELECTOROFF
SLIP OR EMERGENCY DESCENTEXT.FLAMES
MASTER/MAGS/ELECTRICALOFF
CABIN HEAT/AIROFF
IF FIRE NOT EXTINGUISHEDINCREASE SPEED
FORCED LANDING (W/O POWER)EXECUTE
ELECTRICAL MASTER/ELECTRICALOFF
CABIN HEAT/AIROFF
DEFROSTEROFF
LAND AS SOON AS PRACTICAL
IF FIRE OUT, TEST EACH ELECT. DEVICE
ONE AT A TIME
IF FIRE EXTINGUISHED. VENTILATE CABIN
IF NOT EXTINGUISHED: USE EXTINGUISHER, VENTILATE,
EMERGENCY LANDING
ENGINE
FUEL SELECTOROFF
THROTTLE/MIXTUREIDLE/CUT-OFF
VENTS
HEATEROFF
RADIO FAILURE
AUDIO PANELON
CIRCUIT BREAKERSIN
VOLUMECHECK
ALT. SWITCHRECYCLE