	C	essna 172S Gʻ	1000 Skyhaw	/k	
	Quick referen	ce only. Refer to P	OH for Complete	Procedures	
PREFLIGHT		PRE-TAXI		ENROUTE CLIMB	
CERT/DOC (ARROW)	ONBOARD	MIXTURE	LEAN 1" FOR TAXI	AIRSPEED	70-85 KIAS
PARKING BRAKE	AS REQUIRED	AVIONICS BUS 1 & 2	ON	MIXTURE	EAN TO GREEN FF
CONTROL LOCK	REMOVE	FLAPS	RETRACT		
/AGNETOS	OFF	RADIOS/FPL/ALT/NAV	SET	CRUISE	
VIONICS BUS 1 & 2	OFF	TRANSPONDER	1200	MAX POWER TOP OF	
CIRCUIT BREAKERS	CHECK IN	PFD CHECK	NO RED Xs	TRIM	AS REQUIRED
ALT STATIC AIR	CHECK OFF	ATIS/AWOS	OBTAIN	MIXTURE	EAN TO PEAK +50
ATT MASTER & ALT	ON	ALTIMETERS	SET		
PFD	ON	STBY INSTRUMENTS	CHECK/SET	DESCENT/APPROAC	
Ax LOG	CHECK	FUEL QUANTITY CONTACT GROUND IF	SET & CHECK	POWER & MIXTURE	AS REQUIRED
ACH/HOBBS	RECORD CHECK	CHECK BRAKES, DG,		ATIS/AWOS ALTITUDE SELECT	OBTAIN, ALT SET
OW FUEL ANNC	OFF	Children Divined, DO,		RADIOS/FPL/ALT/NAV	
CHECK OIL PR. VOLT.		GROUND CHECK			ONTACT AT 10 NM
	CLE, CHECK FANS	BRAKES	SET	EXTERIOR LIGHTS	ALL ON
PITOT HEAT & VOLTS	CHECK	SEATS/BELTS	UP & SECURE	APCH BRIEF	CONDUCT
LAPS	EXTEND	DOORS & WINDOWS	SECURE	SEATS/SEAT BELTS	
BAT & ALT MASTER	OFF	AUTOPILO		AUTOPILOT	OFF
EXTERIOR IS	SE EXT CHECKLIST	AUTOPILOT (AP)	ENGAGE	FUEL SELECTOR	BOTH
		HDG & ALT MODES	TEST	MIXTURE	FULL RICH
BEFORE STARTING EI		FLIGHT CONTROLS	OVERPOWER AP	CABIN 12V SWITCH	OFF
CHOCKS	REMOVED	AP DISC, VERIFY AP C			
RAKES	SET	FLIGHT DIRECTOR	DESELECT	AFTER LANDING	
SEATS/BELTS	UP AND SECURE	ELEV TRIM	TEST & SET	PITOT HEAT	OFF
PAX BRIEF	S.A.F.E.T.Y.	FLIGHT CONTROLS	FREE & CORRECT	LIGHTS TO JUST BC	
VIONICS BUS 1 & 2	VERIFY OFF	THROTTLE	1800 RPM MAX DROP 125	MIXTURE	LEAN 1" FOR TAX
LEC EXCEPT BCN	OFF BOTH	MAG CHECK	MAX DROF 125 MAX DIFF. 50 RPM	FLAPS	RETRACT
UEL SHUT OFF	FULL IN (ON)	VACUUM/SUCTION	CHECK	SHUTDOWN	
	TOLL IN (ON)	ENGINE INST	CHECK	PARKING BRAKE	ON
NGINE START		AMPS & VOLTS	CHECK	TRANSPONDER	ALT. 1200
IIXTURE	IDLE CUT-OFF	ANNUNCIATORS	NONE	AVIONICS BUS 1 & 2	OFF
HROTTLE	CRACK OPEN	THROTTLE	IDLE CHECK	ELEC EXCEPT BCN	OFF
STBY BATT TEST	10 SEC, LIGHT ON	THROTTLE	800-1000	THROTTLE	FULL IDLE
TBY BATTERY	ARM	CIRCUIT BREAKERS	CHECK IN	MAGNETOS	GROUND CHECK
BUS VOLTS	24 V MIN			THROTTLE	1200 RPM 10 SEC
I BUS VOLTS	1.5 V MAX	BEFORE TAKEOFF		MIXTURE	IDLE CUT-OFF
BATT	DISCHARGING	RADIOS	SET TO TWR/CTAF	MAGNETOS	OFF
ATT MASTER & ALT	ON	FLIGHT PLAN	SET	TACH/HOBBS	RECORD
EACON	ON	DEPARTURE BRIEF	CONDUCT	BATT MASTER & ALT	
IAV LGTS (IF NIGHT)	ON	AUTOPILOT	OFF	STBY BATT	OFF
	ON DICU 2.5 SEC	MIXTURE	FULL RICH	CONTROL LOCK	IF NEEDED
	RICH 3-5 SEC OFF	FLAPS CABIN 12V SWITCH	AS REQUIRED OFF	LANDING GEAR PARKING BRAKE	CHOCK OFF
MIXTURE	IDLE CUT-OFF	WINDOWS	AS REQUIRED	FLIGHT PLAN	CLOSE
REA	IDLE CUT-OFF	PARK BRAKE	AS REQUIRED OFF	FLIGHT PLAN	CLUSE
MAGNETOS	START	WINDOWS	AS REQUIRED		
	RICH UPON START	EXTERIOR LIGHTS	AS REQUIRED ALL ON		
HROTTLE	800-1000		, .22 011	KLAF FREQUENCIES	
DIL PRESSURE	GREEN	TAKEOFF		ATIS	127.75
1 & S BATT VOLTS	POSITIVE	THROTTLE	FULL OPEN	TOWER	119.60
OW VOLT ANNC	OFF	ENGINE INSTRUMENT		GROUND	121.90
		ROTATE	55 KIAS	FSS	122.35
- 4 -) P		Vy	74 KIAS	GRISSOM APCH	123.85
				PURDUE AV UNICOM	
				2.1002.11001	UPDATED 04/05/2023

EMERGENCY PROCEDURES

			JUEDUK	-0		
QUICK REFERE	NCE ONLY. Refer to F	POH s	ection 3 for comple	ete procedures		
ENGINE FIRE DURING STAR	т	ENGI	NE FIRE IN FLIGHT			
STARTER	CONTINUE CRANKING	MIXT	URE	IDLE CUT-OF		
F ENGINE DOES NOT STAR		FUEL	SHUTOFF	PULL OF		
THROTTLE	FULL OPEN	ELEC	TRIC FUEL PUMP	OF		
MIXTURE	IDLE CUT-OFF	MAST	TER SWITCH	OF		
MAGNETO SWITCH	CONTINUE CRANKING	CABI	N VENTS	OPEN IF NEEDEI		
FUEL SHUTOFF VALVE	PULL OFF	CABI	N HEAT AND AIR	OFF EXCEPT OVERHEAD		
ELECTRIC FUEL PUMP OFF			AIRSPEED 100 KIAS OR HIGHER TO SNUFF OUT FIRE			
MAGNETO SWITCH OFF			UTE FORCED LANDIN	G		
STBY BATTERY SWITCH	OFF					
MASTER SWITCH OFF		EL EC	TRICAL FIRE IN FLIGH	т		
F FIRE CONTINUES EVACUATE						
			BATT SWITCH	OF		
ENGINE FAILURE IN FLIGHT			TER SWITCH	OF		
			N VENTS	CLOS		
	68 KIAS		N HEAT AND AIR	PUSH OF		
	AVIGATE, LAND INTO WIND		EXTINGUISHER	AS REQUIRE		
CHECKLIST:			NICS SWITCH	OF		
FUEL SHUTOFF	PUSH IN (ON)		LECTRICAL	OF		
FUEL SELECTOR	BOTH		UIT BREAKERS	CHECK, DO NOT RESE		
ELECTRIC FUEL PUMP	ON		ASAP. IF ELEC POWE			
MIXTURE	FULL RICH		N VENTS	OPE		
	OTH, START IF PROP STOP		N HEAT AND AIR	PULL O		
	UEL PUMP OFF, ON IF FF DROP		ER SWITCH	O		
If engine does not restart:			BATT SWITCH	ARM		
FORCED LANDING			NICS BUS 1	0		
AIRSPEED	70 FLAPS UP, 65 FLAPS DN	AVIU	NICS BUS 2	0		
SEATS/SEAT BELTS	UP AND SECURE					
DECLARE EMERGENCY	121.5, SQUAWK 7700	LOW	VOLTAGE LIGHT ILLUI	MINATES (ALT FAIL)		
prep to EVACUATE:	121.5, SQUAWK 1700	ALTR	MASTER SWITCH	OF		
MIXTURE	IDLE CUT-OFF		IELD CIRCUIT BREAKE			
FUEL SHUTOFF VALVE	PULL FULL OUT		MASTER & ALTR	0120101		
MAGNETO SWITCH	OFF		VOLTS ANNUNCIATOR			
FLAPS	AS REQUIRED		S VOLTS	27.5 V MI		
STANDBY BATT SWITCH	OFF		TT AMPS	CHECK CHARGING (+		
MASTER SWITCH	OFF		voltage light stays on	2.1201101.0110100(
DOORS	OPEN BEFORE LANDING		MASTER SWITCH	OF		
-			NICS BUS 1	OF		
TRAINING PURPOSES ONLY	PEEER TO POH SECTION		T HEAT	OF		
	A second se Second second sec second second sec	ALL E	XT LIGHTS	OF		
3 FOR MORE II	NFORWATION		N 12V SWITCH	OF		
		LAND	AS SOON AS POSSIBI	E		
	V-SPE 68		Manuau aning Cr	90-10		
Vg BEST GLIDE Vso Stall (Full Flap)	48	VA Vfe1	Manuevering Speed Flaps 0-10°	90-10		
	40	VFE1 VFF		8		
Vs1 Stall (Flaps UP)	55	VFE	Flaps 10-30° Max Normal Operation			
Vn Betete				12		
VR Rotate Vx Best Angle of Climb Vy Best Rate of Climb	62 74	VNE	Never Exceed te Climb	16 75-8		