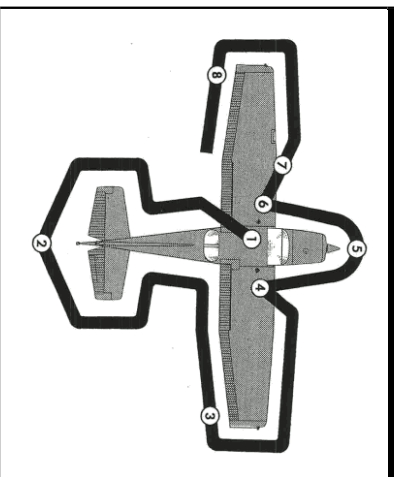


PREFLIGHT

1 CABIN	
1 Pitot Cover	REMOVE
2 POH	ACCESSIBLE
3 Mass & Balance	IN LIMITS
4 Parking Brake	SET
5 Control Wheel Lock	REMOVE
6 Magnetos	OFF
7 Avionics Master	OFF
Master ALT1/BAT	
	ON
Fuel Quantity	
	CHECK
Avionics Master	
	ON
Avionics Fan	
	AUDIBLE
Avionics Master	
	OFF
Alt. Static Air	
	PUSH OFF
Annunciator Panel	
	TEST

BATTERY	
Fuel Selector	BOTH
Fuel Shutoff Valve	ON
Flaps	EXTEND
Pitot Heat	ON/CHECK
Master ALT/BAT	OFF
20 Baggage Door	CHECK

2 EMPENNAGE	
21 Tail Tiedown	DISCON
22 Ctrl. Surfaces	CHECK
23 Elevator Trim Tab	CHECK
24 Antennas	CHECK

3 RIGHT WING - Trailing Edge	
25 Flaps	CHECK
26 Aileron	CHECK

4 RIGHT WING	
27 Wing Tiedown	DISCON
28 Main Wheel Tire	CHECK
29 Fuel Tank	5x DRAIN
30 Fuel Quantity	CHECK
31 Fuel Filler Cap	SECURE
32 Filler Cap Vent	CLEAR

CRUISE PERFORMANCE

CONDITIONS:
2550 Pounds
Recommended Lean Mixture

Druck- höhe ft	1/min	20°C ÜNTER STANDARDTEMP			STANDARD- TEMPERATUR			20°C ÜBER STANDARDTEMP		
		%	KTAS	1/h	%	KTAS	1/h	%	KTAS	1/h
2000	2550	83	117	42,1	77	118	39,8	72	117	37,5
	2500	78	115	40,2	73	115	37,5	68	115	35,6
	2400	69	111	36,4	64	110	34,1	60	109	32,2
	2300	61	105	32,6	57	104	30,7	53	102	29,2
	2200	53	99	29,2	50	97	27,7	47	95	26,2
	2100	47	92	26,2	44	90	25,0	42	89	23,9
	4000	2600	83	120	42,1	77	120	39,4	72	119
6000	2550	79	118	40,2	73	117	37,5	68	117	35,6
	2500	74	115	38,3	69	115	36,0	64	114	33,7
	2400	65	110	34,5	61	109	32,2	57	107	30,7
	2300	58	104	31,1	54	102	29,2	51	101	27,7
	2200	51	98	28,1	48	96	26,5	45	94	25,4
	2100	45	91	25,0	42	89	24,3	40	87	23,1
	6000	2650	83	122	42,1	77	122	39,4	72	121
6000	2600	78	120	40,2	73	119	37,5	68	118	35,6
	2500	70	115	36,4	65	114	34,1	60	112	32,2
	2400	62	109	32,6	57	108	31,1	54	106	29,2
	2300	54	103	29,6	51	101	28,1	48	99	26,5
	2200	48	96	26,9	45	94	25,4	43	92	24,3

LANDING	
1	Airspeed (Flaps Up) 65-75 KIAS
2	Flaps: < 110 KIAS UP - 10°
3	Flaps: < 85 KIAS 10° - FULL
4	Airspeed (Flaps Full) 60-70 KIAS
5	Trim ADJUST
6	Touchdown MAIN WHEELS
7	Nose Wheel LOWER GENTLY
8	Brakes MINIMUM
APROCD	
1	Throttle FULL FWD
2	Flaps 20°
3	Climb Speed 60 KIAS
4	Flaps 10°
5	400 ft AGL - Safe Speed CHECK
6	Speed 65 KIAS
7	Flaps UP

1	Throttle FULL FWD
2	Flaps 20°
3	Climb Speed 60 KIAS
4	Flaps 10°
5	400 ft AGL - Safe Speed CHECK
6	Speed 65 KIAS
7	Flaps UP

AFTER LANDING	
1	Flaps UP
2	Pitot Heat OFF
3	Strobes OFF
4	Transponder CHECK GND
5	LDG Light OFF

SECURING ACFT	
1	Parking Brake SET
2	ELT (121,5 MHz) CHECK
3	Throttle 1000 rpm
4	Flight Plan CLOSED
5	Avionics Master OFF
6	Electr. Equipment OFF
7	Mixture IDLE CUTOFF
8	Magnetos OFF
9	Beacon OFF
10	Master ALT/BAT OFF
11	Control Wheel Lock INSTALL
12	Fuel Selector LEFT/RIGHT
13	Flight Logger SLIDE CARD

SHORT FIELD LANDING	
1	Airspeed (Flaps Up) 65-75 KIAS
2	Flaps FULL
3	Airspeed 61 KIAS
4	Trim ADJUST
5	PWR (after Obsr. cleared) IDLE
6	Touchdown MAIN WHEELS
7	Brakes HEAVILY
8	Flaps UP

5 NOSE	
33	Fuel Strainer 3x DRAIN
34	Oil Level CHECK
35	Dipstick/Filler Cap SECURE
36	Engine Inlets CHECK
37	Prop & Spinner CHECK
38	Air Filter CHECK
39	Wheel Strut/Tire CHECK
40	Static Source Port CLEAN

6 LEFT WING	
41	Fuel Quantity CHECK
42	Fuel Filler Cap SECURE
43	Filler Cap Vent CLEAR
44	Fuel Tank 5x DRAIN
45	Main Wheel Tire CHECK

7 LEFT WING - Leading Edge	
46	Fuel Tank Vent CHECK
47	Stall Warning CHECK
48	Wing Tiedown DISCON
49	LDG & Taxi Light CHECK

8 LEFT WING - Trailing Edge	
50	Aileron CHECK
51	Flaps CHECK

BEF. ENGINE START	
1	Preflight Inspection COMPL
2	Passenger Briefing COMPL

3	Seats/Seat Belts ADJUST/LOCK
4	Brakes TEST & SET
5	Circuit Breakers CHECK IN
6	Electr. Equipment OFF
7	Avionics Master OFF
8	Fuel Selector BOTH
9	Fuel Shutoff Valve ON
10	Avionics CB CHECK IN

ENGINE START	
1	Throttle 6-8 mm OPEN
2	Mixture IDLE CUTOFF
3	Master ALT/BAT ON
4	Beacon ON
5	Fuel Pump ON
6	Mixture 3-5 SEC RICH
7	Fuel Flow 12-19 Ltr/H
8	Mixture IDLE CUTOFF
9	Fuel Pump OFF
10	Prop Area CLEAR
11	Ignition START
12	Mixture when fires RICH
13	Oil Press. < 30 sec IN RANGE
14	ACL AS REQ
15	Nav Lights AS REQ
16	Avionics Master ON
17	COM ON
18	A/P Selftest + Horn CHECK
19	Flaps UP

FLOODED ENGINE START		
1 Fuel Pump	OFF	
2 Mixture	LEAN	
3 Throttle	1/2 - FULL	
4 Ignition	START	
5 Mixture when fires	RICH	
6 Throttle	1000 rpm	

ENGINE START - Ext. Power		
1 Throttle	6-8 mm OPEN	
2 Mixture	IDLE CUTOFF	
3 Prop Area	CLEAR	
4 Ext. Battery	CONNECT	
5 Master ALT/BAT	ON	
6 Beacon	ON	
7 Fuel Pump	ON	
8 Mixture	3-5-SEC RICH	
9 Fuel Flow	12-19 Ltr/H	
10 Mixture	IDLE CUTOFF	
11 Fuel Pump	OFF	
12 Ignition	START	
13 Mixture when fires	RICH	
14 Oil Press. < 30 sec	IN RANGE	
15 Ext. Battery	DISCONN	
16 ACL	AS REQ	
17 Nav Lights	AS REQ	
18 Avionics Master	ON	
19 COM	ON	
20 A/P Selftest + Horn	CHECK	
21 Flaps	UP	

BEFORE TAKEOFF		
1 Parking Brake	SET	
2 Seat Backs	UPRIGHT	
3 Seats/Seat Belts	SECURE	
4 Cabin Doors	CLOSE LOCK	
5 Flight Controls	FREE & CORR	
6 Throttle Check	IDLE	
7 Throttle	~1000 rpm	
8 Flight Instruments	CHECK	
9 Fuel Quantity	CHECK	
10 Mixture	RICH	
11 Fuel Selector	BOTH	
12 Elevator Trim	T/O	
13 Throttle	1800 rpm	
14 Ignition R-B-L-B	CHECK	
15 Drop max 150 rpm	CHECK	
16 Diff L/R max 50 rpm	CHECK	
17 Ignition Both	CONFIRM	
18 VAC Indicator	CHECK	
19 Engine Instruments	CHECK	
20 Ammeter/Voltmeter	CHECK	
21 Annunciators	CHECK	
22 Throttle	1000 rpm	
23 Friction Lock	ADJUST	
24 ACL	AS REQ	
25 COM & Avionics	SET	
26 Autopilot	ENGAGE	
27 Flight Controls	OVERRIDE	
28 A/P - Baro	SET QNH	
29 A/P DISC+Horn	PRESS & VFY	

30 Transponder	SET ALT	
31 Flaps	UP or 10°	
32 LDG Light	ON	
33 Elevator Trim	T/O	
34 Brakes	RELEASE	

LINE UP / TAKEOFF		
1 Flaps	UP or 10°	
2 Throttle	FULL FWD	
3 Mixture	RICH	
4 Rotate	55 KIAS	
5 Climb Speed	70-80 KIAS	
6 400 ft AGL - Safe Speed	CHECK	
7 Flaps	UP	

SHORT FIELD TAKEOFF		
1 Flaps	10°	
2 Brakes	APPLY	
3 Throttle	FULL FWD	
4 Mixture	RICH	
5 Brakes	RELEASE	
6 Elevator	TAIL LOW	
7 Climb Speed	57 KIAS	
8 400 ft AGL - Safe Speed	CHECK	
9 Climb Speed	> 60 KIAS	
10 Flaps	UP	

ENROUTE CLIMB		
1 Climb Speed	70-85 KIAS	
2 Throttle	FULL FWD	
3 Mixture	RICH	

CRUISE		
1 Throttle	AS REQ	
2 Trim	AS REQ	
3 Mixture	LEAN	

DESCENT		
1 Throttle	AS DESIRED	
2 Mixture	ADJUST	
3 Altimeters	SET	
4 Fuel Selector	BOTH	

BEFORE LANDING		
1 Seat Backs	UPRIGHT	
2 Seats/Seat Belts	SECURE	
3 Fuel Selector	BOTH	
4 Mixture	RICH	
5 LDG & Taxi Light	ON	
6 Autopilot	OFF	