



Aircraft Checklist

MFU - Pilotenclub - LOAV



3fly.at

OE-CFF

REIMS/CESSNA 152

MTOM = 758 kg / 1671 lb

A/C-Size: W: 10.1m H: 2.6m L: 7.3m

FPL (EXAMPLE)

7	A/C ID	OE-CFF
8	Flight Rules	V
	Type of Flight	G
9	Type of A/C	C152
	Wake Turbul. Cat.	L
10	Equipment	SY/S
13	Departure A/D	LOAV
	Departure Time	0830
15	Speed	N0100
	Flight Level	VFR
	Route	RADLY
16	Destination A/D	LJPZ
	Total EET	0220
	Alternate A/D	LOWG
18	Other Info	EET/RADLY0100
19	Endurance	0400
	Persons on Bord	2
	Emerg. Equipm.	ELT
	A/C Colour	WHITE RED
	Name PIC	NAME/TEL

OPERATOR

MFU Pilotenclub

A-2542 Kottlingbrunn

Flugplatz 1, Top 1

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CONTACT

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FUEL

Fuel	Super Plus98 ETBE
Fuel (alt..)*	AVGAS 100LL
Max. Fuel	98L / 26gal
Unus. Fuel	6L / 1.5gal

*) If alternative Fuel used → Entry in A/C LOG

OIL

Shell Aero	15W-50
Minimum	4 quarts
Maximum	6 quarts

TIRE

Front Tire	30 psi / 2.07 bar
Main Tires	21 psi / 1.45 bar

SPEED

V _{S0} (Stall- Flaps max)	35 KIAS
V _G (best glide/Flaps up)	60 KIAS
Max. Demo. X-Wind	12 knots

COM FAIL

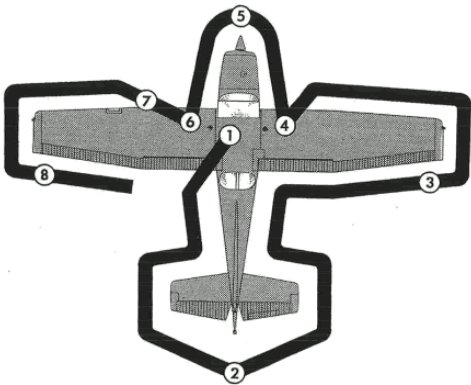
	Clear to Land
	Return to Landing
	Continue Circling
	A/D unsafe, don't Land
	Land at this A/D and proceed to Apron - wait for Clearance

Do not Land

Consult POH/AFM for "Warnings, Cautions and additional Information"

This document does not replace POH/AFM - (CFF 2025 V2.2)

PREFLIGHT



1 CABIN

1	POH	ACCESSIBLE
2	Gust Lock	REMOVE
3	Ignition	OFF
BATTERY	Master ALT/BAT	ON
	Fuel Quantity	CHECK
	Master ALT/BAT	OFF
	7 Fuel Shutoff Valve	ON

2 FUSELAGE / EMPENNAGE

8	Tail Tiedown	DISCONNECT
9	Rudder Mounts	CHECK
10	Main Gear	CHECK

3/4 RIGHT WING

11	Aileron	CHECK
12	Wing Tiedown	DISCONNECT
13	Main Gear	CHECK

14	Fuel Tank	DRAIN
15	Fuel Quantity	CHECK
16	Fuel Filler Cap	SECURE
17	Wing Surface	Check
18	Flaps	Check



5 NOSE

19	Engine Oil Level	CHECK
20	Fuel Sump	DRAIN
21	Prop & Spinner	CHECK
22	Alternator Belt	TIGHT
23	Oil Cooler	CHECK
24	Landing Light	CHECK
25	Air Filter	CLEAR
26	Wheel Strut/Tire	CHECK
27	Static Port	CHECK



6/7/8 LEFT WING

28	Main Gear	CHECK
29	Fuel Tank	DRAIN
30	Fuel Quantity	CHECK
31	Fuel Filler Cap	SECURE
32	Pitot Tube	CHECK
33	Fuel Tank Vent	CHECK
34	Wing Tiedown	DISCON
35	Stall Warning	CHECK
36	Wing Surface	CHECK
37	Aileron	CHECK
38	Flaps	CHECK
39	Tow Bar	STOW

BEF. ENGINE START		
1	Preflight Inspection	COMPL
2	Passenger Briefing	COMPL
3	Seats/Seat Belts	ADJUST/LOCK
4	Fuel Shutoff Valve	ON
5	Avionics	OFF
6	Brakes	TEST & SET
7	Circuit Breakers	CHECK IN

ENGINE START		
1	Mixture	RICH
2	Carburetor Heat	COLD
COLD	Prime	3-6 STROKES
	Throttle	1.2cm OPEN
HOT	Prime	2 Strokes
	Throttle Full Forward	PUSH ONCE
	Throttle	6mm OPEN
8	Primer	LOCKED
9	Prop Area	CLEAR
10	Master ALT/BAT	ON
11	Beacon	ON
12	Ignition	START
13	Throttle max. RPM	1200-1400
14	Oil Press. < 30 sec	CHECK
15	Avionics	ON

BEFORE TAXI		
1	Flight Instruments	SET
2	Avionics, GPS	SET
3	Parking Brakes	RELEASE
TAXI	Brakes	CHECK
	Steering	CHECK
	Flight Instruments	CHECK

BEFORE TAKEOFF		
1	Brakes	SET
2	Cabin Doors	CLOSE LOCK
3	Flight Controls	FREE
4	Fuel Shutoff Valve	ON
5	Mixture	RICH
6	Trim	TAKEOFF
7	Throttle	1700 rpm
8	Magnetos B-R-B-L-B 125/50	CHECK
9	Carburetor Heat	CHECK
10	Engine Instruments	CHECK
11	Ammeter Loading	CHECK
12	Suction Gauge	CHECK
13	Transponder	SET ALT
14	Throttle Friction	ADJUST
15	Throttle	IDLE
16	Departure Briefing	COMPL
17	T/O Briefing	COMPLETE
18	Brakes	RELEASE

LINE UP / TAKEOFF		
1	Before T/O Check	COMPLETE
2	Landing Lights	AS REQ
3	Approach Sector	CLEAR
4	Runway Heading	CONFIRM
5	Flaps	0-10°
6	Carburetor Heat	COLD
7	Throttle	FULL FWD
8	Take Off Power Values	CONFIRM
9	Rotate	50 KIAS
10	Climb Speed	65-75 KIAS
11	400ft AGL Safe Speed	FLAPS UP

SHORT FIELD / TAKEOFF		
1	Flaps	10°
2	Carburetor Heat	COLD
3	Brakes	SET
4	Mixture	RICH
5	Throttle	FULL FWD
6	Brakes	RELEASE
7	Elevator	NOSE UP
8	Rotate	50 KIAS
9	Climb Speed	54 KIAS
10	400ft AGL Safe Speed	FLAPS UP
11	Climb Speed	>60 KIAS

CLIMB		
1	Airspeed	70-80 KIAS
2	Throttle	FULL FWD
3	Engine Instruments	CHECK
4	Flaps	CHECK UP
5	Landing Light	OFF
6	Trim	AS REQ
7	Mixture 	AS REQ

CRUISE		
1	Throttle 	AS REQ
2	Trim	AS REQ
3	Mixture	LEAN
4	Avionics	CHECK

DESCENT		
1	Power	AS REQ
2	Mixture	AS REQ
3	Carburetor Heat	AS REQ

LANDING		
1	Seats & Belts	ADJUST LOCK
2	Mixture	RICH
3	Carburetor Heat	ON
4	LDG Light	ON
5	Airspeed	60-70 KIAS
6	Flaps	AS REQ
7	Speed Flaps 30°	55-65 KIAS
8	Touchdown	MAIN GEAR
9	Brakes	MINIMUM
G R O U N D	Throttle	FULL FWD
	Carburetor Heat	OFF
	Flaps	20°
	Airspeed	55 KIAS
	Flaps	10°
	400ft AGL Safe Speed	FLAPS UP
	Climb Speed	>60 KIAS

SHORT FIELD LANDING		
1	Airspeed	60-70 KIAS
2	Flaps	30°
3	Airspeed	54 KIAS
4	Power	AS REQ
5	Touchdown	MAIN GEAR
6	Brakes	APPLY
7	Flaps	UP
GO AROUND	Throttle	FULL FWD
	Carburetor Heat	OFF
	Flaps	20°
	Climb Speed	55 KIAS
	Flaps	10°
	400ft AGL Safe Speed	FLAPS UP
	Climb Speed	60 KIAS

AFTER LANDING		
1	Carburetor Heat	OFF
2	Flaps	UP
3	Transponder	STANDBY
4	LDG Light	OFF

SHUT DOWN		
1	Parking Brake	AS REQ
2	Flight Plan	CLOSE
3	Avionics	OFF
4	Electr. Equipment	OFF
5	Throttle	1000 rpm
6	Mixture	IDLE CUTOFF
7	Magnetos	OFF
8	Beacon	OFF
9	ELT (121,5 MHz)	CHECK
10	Master ALT/BAT	OFF
11	Flight Logger	SLIDE CARD

SECURING ACFT		
1	Ignition Key	REMOVE
2	All Switches OFF	CHECK
3	Parking Brake	AS REQ
4	Primer	LOCKED
5	Control Wheel Lock	AS REQ
6	Mooring	AS REQ

CRUISE PERFORMANCE

Please Note:

Aircraft Weight

758 Kp

Mixture set Lean

According to POH

Druck- höhe ft	U/ min	20 °C unter Normtemperatur			Normtemperatur			20 °C über Normtemperatur		
		BHP %	TAS kn	Kraftst. l/h	BHP %	TAS kn	Kraftst. l/h	BHP %	TAS kn	Kraftst. l/h
2000	2400	---	---	---	75	101	23,1	70	101	21,6
	2300	71	97	21,6	66	96	20,4	63	95	19,3
	2200	62	92	19,3	59	91	18,2	56	90	17,4
	2100	55	87	17,0	53	86	16,3	51	85	15,9
	2000	49	81	15,5	47	80	14,8	46	79	14,4
4000	2450	---	---	---	75	103	23,1	70	102	21,6
	2400	76	102	23,1	71	101	21,6	67	100	20,4
	2300	67	96	20,4	63	95	19,3	60	95	18,5
	2200	60	91	18,2	56	90	17,4	54	89	16,7
	2100	53	86	16,7	51	85	15,9	49	84	15,1
6000	2000	48	81	14,8	46	80	14,4	45	78	14,0
	2500	---	---	---	75	105	23,1	71	104	21,6
	2400	72	101	22,0	67	100	20,4	64	99	19,7
	2300	64	96	19,7	60	95	18,5	57	94	17,8
	2200	57	90	17,4	54	89	16,7	52	88	16,3
8000	2100	51	85	15,9	49	84	15,1	48	83	14,8
	2000	46	80	14,4	45	79	14,0	44	77	13,6
	2550	---	---	---	75	107	23,1	71	106	21,6
	2500	76	105	23,5	71	104	22,0	67	103	20,4
	2400	68	100	20,8	64	99	19,7	61	98	18,5
10,000	2300	61	95	18,9	58	94	17,8	55	93	17,0
	2200	55	90	17,0	52	89	16,3	51	87	15,9
	2100	49	84	15,5	48	83	14,8	46	82	14,4
	2500	72	105	22,0	68	103	20,8	64	103	19,7
	2400	65	99	20,1	61	98	18,9	58	97	18,2
12,000	2300	58	94	17,8	56	93	17,0	53	92	16,7
	2200	53	89	16,3	51	88	15,9	49	86	15,1
	2100	48	83	15,1	46	82	14,8	45	81	14,4
	2450	65	101	20,1	62	100	18,9	59	99	18,2
	2400	62	99	18,9	59	97	18,2	56	96	17,4
12,000	2300	56	93	17,4	54	92	16,7	52	91	16,3
	2200	51	88	15,9	49	87	15,5	48	85	15,1
	2100	47	82	14,8	45	81	14,4	44	79	14,0

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Airspeeds for Normal Operations**TAKEOFF**

V_X Flaps UP	55 KIAS
V_Y Flaps UP	67 KIAS
Short Field, Flaps 10°, 50 ft	54 KIAS
Cruise - Climb Flaps UP	70-80 KIAS

LANDING

Flaps UP	60-70 KIAS
Flaps FULL	55-65 KIAS
Short Field Flaps FULL	54 KIAS
Max. demo X-Wind	12 knots
V_{FE}	85 KIAS

CRUISE

V_A Maneuvering	93-104 KIAS
V_{NO} Max turbul. Air	111 KIAS
V_{NE} Max Airspeed	149 KIAS
Max. Window open speed	149 KIAS

Airspeeds for Emergency Operations

V_A Maneuvering	93-104 KIAS
Eng. Failure Flaps UP	65 KIAS
Eng. Failure Flaps FULL	60 KIAS