



PILOTENCLUB WIEN
Wiener Luftfahrerverband

3fly.at

③

OE-CFF (CESSNA 152)

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OE-CFF

Cessna 152

MTOW: 758 kg / 1671 lb

A/C-Size: W: 10,11m H: 2,59m L: 7,34m

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	S / 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

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OPERATOR

Motorflug Union - Wien

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CONTACT

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FUEL

Fuel Super Plus98 ETBE
Fuel (alternative)* AVGAS 100LL
Maximum Fuel 98 L / 26 gal
Unusable Fuel 6 L / 1,5 gal

*) 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_{SO} (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"

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8	T/O Power Values	CORRECT
9	Rotate	50 KIAS
10	Climb Speed	65 - 75 KIAS
11	400 ft AGL - Safe Speed - CHECK	
12	Flaps	UP

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

SHORT FIELD / TAKEOFF		
1	Wing 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	400 ft AGL - Safe Speed - CHECK	
11	Climb Speed	> 60 KIAS
12	Flaps	UP

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

LANDING		
1	Seats and Belts	ADJUST/LOCK
2	Mixture	RICH
3	Carburetor Heat	ON
4	Landing Lights	ON
6	Airspeed	60 - 70 KIAS
7	Flaps	AS REQ
8	Speed Flaps 30°	55 - 65 KIAS
9	Touch down	MAIN GEAR
10	Brakes	MINIMUM

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

GO AROUND		
	Throttle	FULL FWD
	Carburetor Heat	OFF
	Flaps	20°
	Airspeed	55 KIAS
	Flaps	10°
	400 ft AGL - Safe Speed - CHECK	
	Climb Speed	> 60 KIAS
	Flaps	UP

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BEF. ENGINE START

1 Preflight Inspection	COMPL
2 Passenger Brief	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	OPEN 1,2 cm
WARM Prime	OFF
Throttle	CLOSE
7 Prop Area	CLEAR
8 Master ALT/BAT	ON
9 Beacon	ON
10 Ignition	START
11 Throttle max.	1000 rpm
12 Oil Pressure	CHECK
13 Avionics	ON

BEFORE TAXI

1 Cabin Doors	CLOSE LOCK
2 Engine Instruments	CHECK
3 Flight Instruments	SET
4 Avionics	SET
5 Parking Brake	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	T/O
7 Throttle	1700 rpm
8 Magnetos 125/50	CHECK
9 Carburetor Heat	CHECK
10 Engine Instruments	CHECK
11 Ammeter Loading	CHECK
12 Suction Gauge	CHECK
13 Throttle	IDLE
14 Throttle Friction	ADJUST
15 Departure Briefing	COMPL
16 T/O Briefing	COMPL
17 Brakes	RELEASE

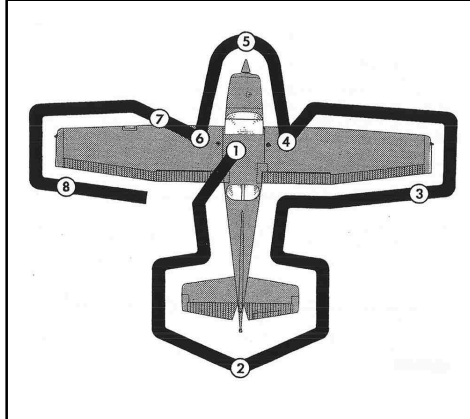
LINE UP / TAKEOFF

1 Before T/O Check	COMPL
2 Landing Lights	AS REQ
3 Approach Sector	CLEAR
4 Runway Heading	CONFIRM
5 Wing Flaps	0°-10°
6 Carburetor Heat	COLD
7 Throttle	FULL FWD

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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 Control Surface	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 Flap	CHECK
39 Tow Bar	STOW

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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°
	Airspeed 55 KIAS
	Flaps 10°
	400 ft AGL - Safe Speed - CHECK
	Climb Speed > 60 KIAS
Flaps UP	

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

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

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

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CRUISE PERFORMANCE

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
2000	48	81	14,8	46	80	14,4	45	78	14,0	
6000	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
	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	
8000	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
	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	
10,000	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
	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
12,000	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
	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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