



3fly.at

# OE-CFF

**Cessna 152**

MTOW: 758 kg / 1671 lb

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

## F P L ( E X A M P L E )

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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Maintenance LOAV	+43 2252 790894
A I S	+43 51703 3211
M E T	+43 51703 3443

## 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

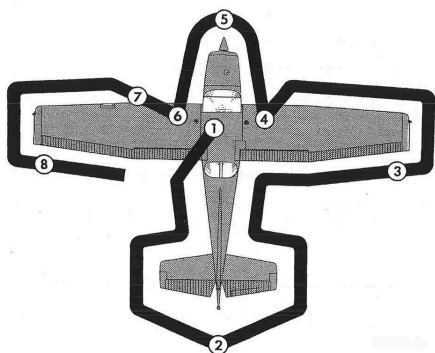
V <sub>SO</sub> (Stall- Flaps max)	35 KIAS
V <sub>G</sub> (best glide, Flaps up)	60 KIAS
Max. Demo. X-Wind	12 knots

## 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	



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**PREFLIGHT****1 CABIN**

1	POH	ACCESSIBLE
2	Gust Lock	REMOVE
3	Ignition	OFF
<b>BATTERY</b>	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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**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
<b>COLD</b>	Prime	3-6 STROKES
	Throttle	OPEN 1,2 cm
<b>WARM</b>	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

<b>TAXI</b>	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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8 T/O Power Values	CORRECT
9 Rotate	<b>50 KIAS</b>
10 Climb Speed	<b>65 - 75 KIAS</b>
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	<b>50 KIAS</b>
9 Climb Speed	<b>54 KIAS</b>
10 400 ft AGL - Safe Speed - CHECK	
11 Climb Speed	<b>&gt; 60 KIAS</b>
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	<b>60 - 70 KIAS</b>
7 Flaps	AS REQ
8 Speed Flaps 30°	<b>55 - 65 KIAS</b>
9 Touch down	MAIN GEAR
10 Brakes	MINIMUM
Throttle	FULL FWD
Carburetor Heat	OFF
Flaps	20°
Airspeed	<b>55 KIAS</b>
Flaps	10°
400 ft AGL - Safe Speed - CHECK	
Climb Speed	<b>&gt; 60 KIAS</b>
Flaps	UP

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

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GO AROUND



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**SHORT FIELD LANDING**

1	Airspeed	<b>60 - 70 KIAS</b>
2	Flaps	30°
3	Airspeed	<b>54 KIAS</b>
4	Power	AS REQ
5	Touchdown	MAIN GEAR
6	Brakes	APPLY
7	Flaps	UP
<b>GO AROUND</b>		
	Throttle	FULL FWD
	Carburetor Heat	OFF
	Flaps	20°
	Airspeed	<b>55 KIAS</b>
	Flaps	10°
	400 ft AGL - Safe Speed - CHECK	
	Climb Speed	<b>&gt; 60 KIAS</b>
	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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