Revised 26/02/23 TFA 1789

ICAO 40277B

Cessna 152. s/n 152-83199

Transponder : Funkwerk TRT800A (ADSB-out?)

G-OWOW

	Wind	T°
5000'		
2000'		
1000'		

W/V used :

Freezing altitude :

A - A/c ID
C - Altitude
S - Data

Overall wind : e.g 20G30 = 20+10/2=25. (NB gust=30-20)
TFA Overall wind ≤ 30 & < 50% of clean stall @ max TOW.

Destination	TRK°	WCA°	VAR°	**HDG°**	TAS	G/S	Dist	**Time**
							Total	

1 USg = 3.8 ltrs, 6lb, 0.83 UKg Fuel reqd = Fuel + 6 + 2

At 6 USg/hr **Fuel** = **Total fuel reqd :**

Fuel & Oil Full 24.5 USg. (24.25 Usg / tank). 6 gph

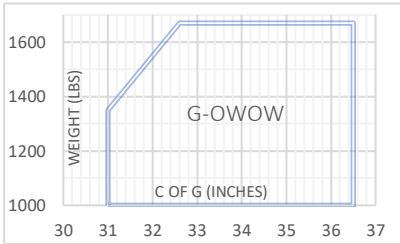
Oil : 6 qts max. Lean for max rpm (p4-17)

NB : AFM/POH takes precedent

Max TOW : 1670 lbs Max Bags (A1+A2):120lbs (A1:120lbs, A2:40lbs). Weighing report 19/10/2017

W & B	lbs	ins	lb ins
Basic	1211.0	31.37	37989.1
Fuel		42.0	
Pilots		39.0	
Baggage 1		64.0	
Baggage 2		84.0	
Take off wt			

C of G



Short takeoff : 10°, 50/54kts** 810' / 1500' = 247m / 458m (gnd roll / clear 50') Pg 5-11
Short landing : 30°, 54kts 482' / 1185' = 147m / 361m (gnd roll / clear 50') Pg 5-19

Conditions : MTOW, 1000', 25°C, 5kts headwind. Lower/colder = less distance. **50/54 : lift off / at 50'.

Cloud base' : (T°C - dew pt) x 400

MEF : Round highest chart point to next 100' + 300'

MSA : Round highest chart point to next 100' + 1000'

Vfe : Flap extended.
Vno : Normal op - Max cruise
Vne : Never exceed
(Va : max maneuvering)

'Thumb' is approx 10 nm 1nm = 1.15 miles = 1852m. A/c info : 1980 152 manual

Gndspeed	60	70	80	90	100	110	120
Time/nm	00:60	00:51	00:45	00:40	00:36	00:33	00:30
Time/10 nm	10:00	08:34	07:30	06:40	06:00	05:27	05:00

© jpa

Date:

	Hobbs	TACHO
PC		

Fuel	L	R	US gal
Std			
Oil		LR=>	
Fuel burn + 10 + 2 =>			

VFR FLIGHT LOG

Aircraft **G-OWOW**

Performance Data X-wind 12 Cruise 90**kts - 2350** rpm

Pp 4-3	Climb	Approach - Flap		Stall	
Rate Vy	67	60-70	0°	0° : 30°	Vfe : 85
Angle Vx	55	55-65	30°	36 : 31	Vno : 111
					Vne : 149
					*(Va : 93/104)

90kts : 1.5nm/min. 100kts : 6min/10nm. Max drift : 3°/5kts.

Airfield	Hobbs	Tacho	R/W	Cct	Hold	QNH	QFE	Engine

* 1350lbs/1670lbs

Conspicuity : 7000 | Mayday : 7700 121.5 | Radio failed : 7600 | 3° glide : 300'/nm

Station								
Type								
Freq								
Sqwk								

Daventry	VOR DTY 116.4	Honiley VOR/DME 113.65
B'ham	NDB BHX 406	
Shobdon	NDB SH 426	Time=60 x nm/kts

Waypoints	MEF' MSA'	Plan Alt'	Time	ETA	ATA	**HDG**	Dist	G/S	TRK
	Start =>								

© jpa