



Masse et Centrage Cessna 152

Weight & Balance Cessna 152

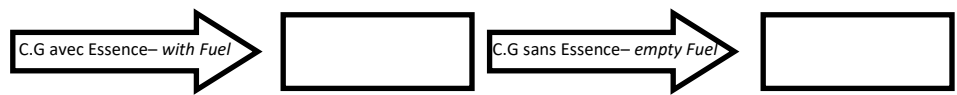
V. 2023-01

ITEMS	POIDS-WEIGHT (lbs –pounds)	BRAS-ARM (po.-in.)	MOMENT
Poid de l'Avion à Vide <i>Airplane Basic Empty Weight</i>			
Pilote et Passager - Avant <i>Pilot & Passenger - Front</i>		39.0	
Cargo (zone 1) <i>Baggage (area 1)</i>		64.0	
Cargo (zone 2) <i>Baggage (area 2)</i>		84.0	
TOTAL Sans Essence - Empty Fuel			
Essence Utilisable <i>Useable Fuel</i>		42.0	
TOTAL Avec Essence - With Fuel			

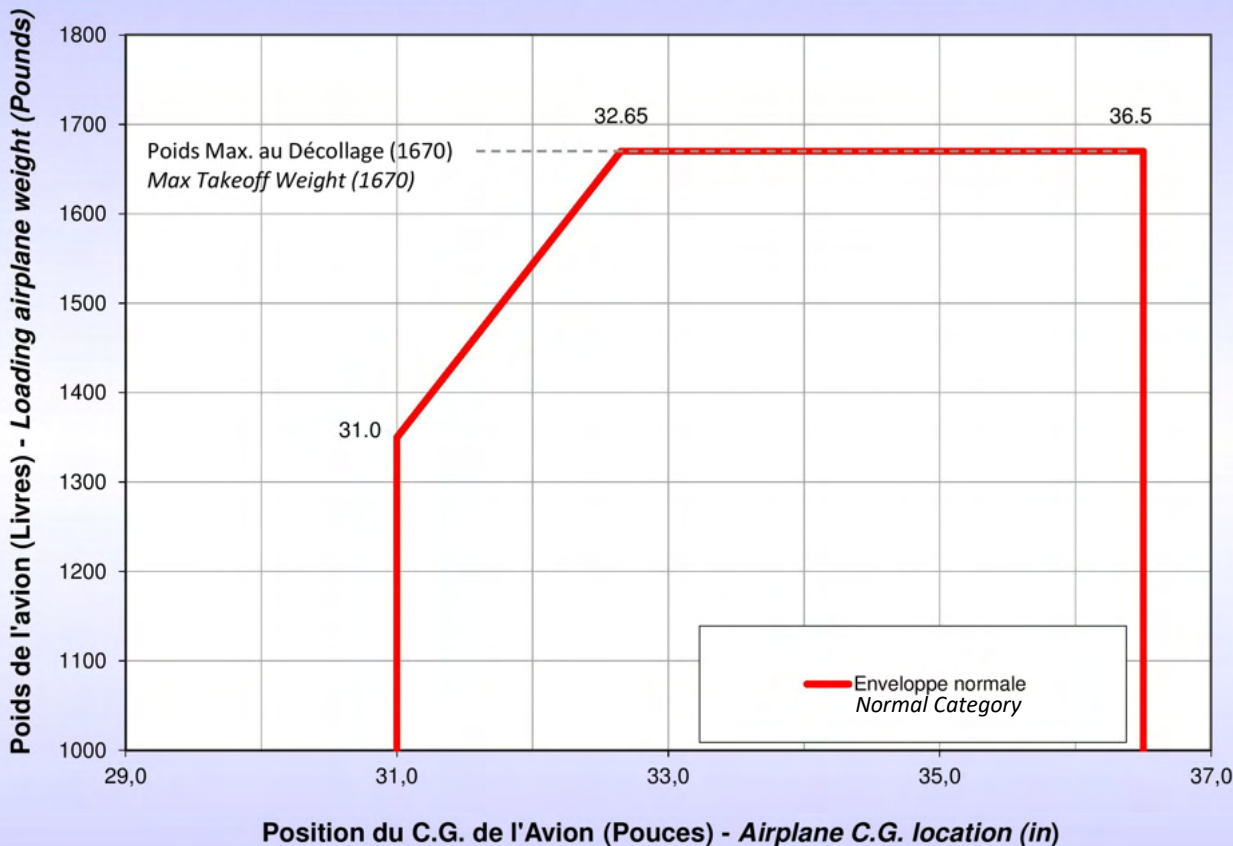
Avion <i>Airplane</i>	Masse à Vide <i>Empty Weight</i>	C.G.
C-FFHN	1154.60	30.92
C-FMUY	1169.80	29.50
C-GYXN	1205.0	30.20

Poids Moyens - Standard Weights		
Sexe <i>Sex</i>	Été <i>Summer</i>	Hivers <i>Winter</i>
Homme <i>Men</i>	206lbs	212lbs
Femme <i>Women</i>	172lbs	178lbs

Type Fuel <i>Fuel Grade</i>	Unité <i>Unit</i>	Poids <i>Weight</i>
100LL	1 USG	6lbs



MASSE ET CENTRAGE CESSNA C-152 - CENTER OF GRAVITY LIMITS



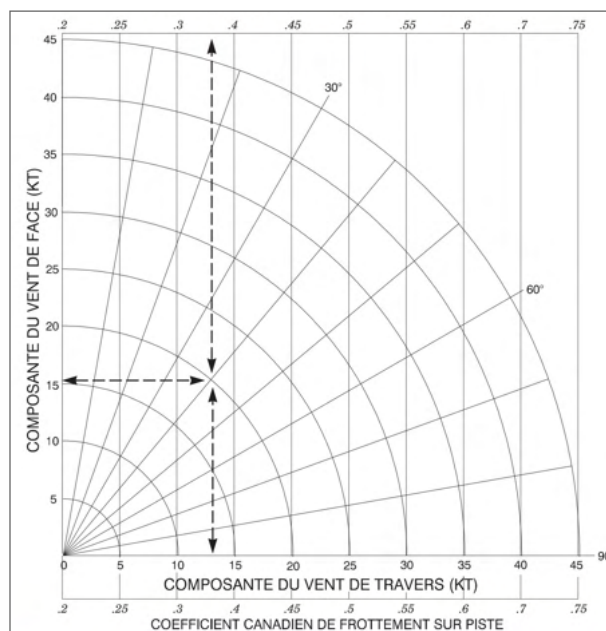
Performance-Performance



De <i>From</i>	À <i>To</i>	Aéroport Départ <i>Departure Airport</i>	Aéroport Arrivée <i>Arrival Airport</i>	En Route <i>En Route</i>
Altitude Aéroport <i>Airport Altitude</i>				
Calage Altimétrique <i>Altimeter</i>				
Température <i>Temperature</i>				
Altitude Pression <i>Pressure Altitude</i>				

Distance Décollage et Atterissage *Takeoff and Landing Distances*

De <i>From</i>	À <i>To</i>	Aéroport Départ <i>Departure Airport</i>		Aéroport Arrivée <i>Arrival Airport</i>	
Piste <i>Runway</i>					
Distance Disponible <i>Aviable Distance</i>					
Distance Sans Vent <i>Distance Without Winds</i>					
Vent <i>Winds</i>					
Composantes de Vents <i>Winds Factors</i>		Head	Cross	Head	Cross
Distance Requise Sans Obstacle <i>Distance Clear of Obstacle</i>					
Distance Requise Avec Obstacle <i>50' Distance Clearance</i>					



Vent de travers maximal démontré 12 Kts
Maximum demonstrated crosswind 12Kts

TAKE – OFF DISTANCE SHORT FIELD

Notes:

1. Short Field technique as specified in Section 4
2. Prior to takeoff from fields above 3,000' elevation, the mixture should be leaned to give maximum RPM at full throttle, static runup
3. Decrease distances 10% for each 9 knots of headwind. For operation with tailwinds up to 10 knots, increase distances by 10% for each 2 knots
4. For operation on a dry grass runway, increase distances by 15% of the "ground roll" figure.

CONDITIONS:

Flaps 10°
Full Throttle Prior to Brake Release
Paved, Level Dry Runway
Zero Wind

WT LBS	Takeoff Speed KIAS		Press Alt Ft	0°C		10°C		20°C		30°C		40°C	
	Lift off	at 50'		GRND RUN	TO CLEAR 50' OBS.	GRND RUN	TO CLEAR 50' OBS.	GRND RUN	TO CLEAR 50' OBS.	GRND RUN	TO CLEAR 50' OBS.	GRND RUN	TO CLEAR 50' OBS.
1670	50	64	S.L.	640	1190	695	1290	755	1390	810	1495	875	1605
			1000	705	1310	765	1420	825	1530	890	1645	960	1770
			2000	775	1445	840	1565	910	1690	980	1820	1055	1960
			3000	885	1600	925	1730	1000	1870	1080	2020	1165	2185
			4000	940	1775	1020	1920	1100	2080	1190	2250	1285	2440
			5000	1040	1970	1125	2140	1215	2320	1315	2525	1420	2750
			6000	1145	2200	1245	2395	1345	2610	1455	2855	1570	3125
			7000	1270	2470	1375	2705	1490	2960	1615	3255	1745	3590
			8000	1405	2800	1525	3080	1655	3395	1795	3765	1940	4195