



# Masse et Centrage Cessna 172P

## Weight & Balance Cessna 172P

V. 2020-01

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 &amp; Passenger - Front</i>		37.0	
Passager - Arrière <i>Passenger - Rear</i>		73.0	
Cargo (zone 1) <i>Baggage (area 1)</i>	<b>MAX 120LBS</b>	95.0	
Cargo (zone 2) <i>Baggage (area 2)</i>	<b>MAX 50LBS</b>	123.0	
<b>TOTAL Sans Essence - Empty Fuel</b>			
Essence Utilisable <i>Useable Fuel</i>		48.0	
<b>TOTAL Avec Essence - With Fuel</b>			

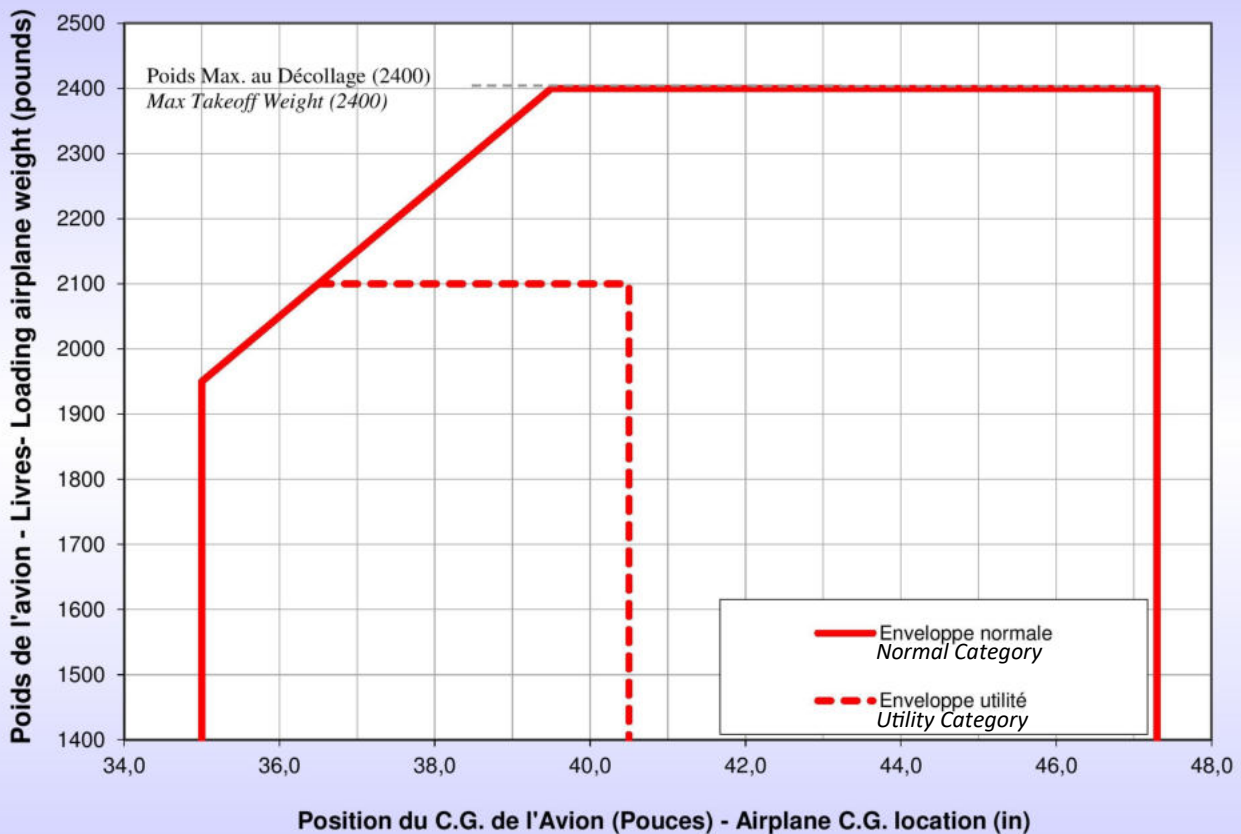
Avion <i>Airplane</i>	Masse à Vide <i>Empty Weight</i>	C.G.
C-GMDI	1479.0	38.08
C-GILC	1497.23	39.81

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-172P - CENTER OF GRAVITY LIMITS



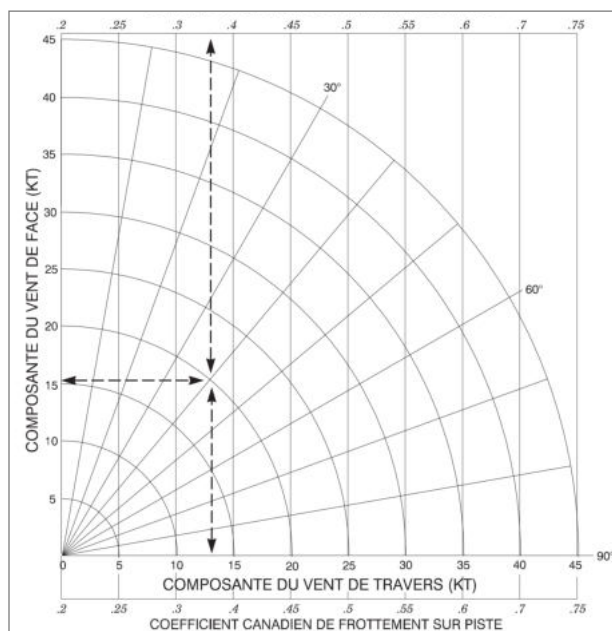
# Performance-Performance



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 15 Kts  
*Maximum demonstrated crosswind 15Kts*

### TAKEOFF DISTANCE

CONDITIONS:  
FLAPS 10°  
Full Throttle Prior to Brake Release  
Pavel, Level, Dry Runway  
Zero Wind  
Maximum Weight 2400 lbs

mixture should be leaned to give maximum RPM in a full throttle, static runup.  
3. Decrease distances 10% for each 9 knots 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.

NOTES:  
1. Short field technique as specified in Section 4.  
2. Prior to takeoff from fields above 3000 feet elevation, the

WEIGHT LBS	TAKEOFF SPEED KIAS		PRESS ALT FT	0°C		10°C		20°C		30°C		40°C	
	LIFT OFF	AT 50 FT		GRND ROLL	TOTAL TO CLR 50 FT OBS	GRND ROLL	TOTAL TO CLR 50 FT OBS	GRND ROLL	TOTAL TO CLR 50 FT OBS	GRND ROLL	TOTAL TO CLR 50 FT OBS	GRND ROLL	TOTAL TO CLR 50 FT OBS
2400	51	56	S.L	795	1460	860	1570	925	1685	995	1810	1065	1945
			1000	875	1605	940	1725	1015	1860	1090	2000	1170	2155
			2000	960	1770	1035	1910	1115	2030	1200	2220	1290	2395
			3000	1055	1960	1140	2120	1230	2295	1325	2480	1425	2685
			4000	1165	2185	1260	2365	1355	2570	1465	2790	1575	3030
			5000	1285	2445	1390	2660	1500	2895	1620	3160	1745	3455
			6000	1425	2755	1540	3015	1665	3300	1800	3620	1940	3990
			7000	1580	3140	1710	3450	1850	3805	2000	4220	-----	-----
		8000	1755	3615	1905	4015	2060	4480	-----	-----	-----	-----	