

N172RD
CESSNA C-172SP
WEIGHT & BALANCE

TOP FLIGHT AVIATION



	WEIGHT	X	ARM	=	MOMENT/1000
Basic Empty Weight	1712.53	X	41.66	=	71344
Pilot and Passenger		X	37.0	=	
Rear Passengers		X	73.0	=	
Baggage Area		X	95.0	=	
Fuel (Usable 53 gal)		X	48.0	=	
Ramp Weight/Mom					
Taxi/Run-Up	-9	X	48.0	=	- 432
Takeoff Weight					
Takeoff C.G.		Refer to Section 6 of the POH			
En-route Fuel Burn	-	X	48.0	=	-
Landing Weight					
Landing C.G.		Refer to Section 6 of the POH			

AT Sea Level, 10kts Headwind: Ground Run – 995’ Over 50’ Obstacle – 1690’

Take Off Distance (Ground Run): _____

Take Off Distance (Over 50’ Obstacle): _____

Vy: 74 KIAS Vx: 62 KIAS

Landing Distance (Normal): _____

Landing Distance (Over 50’ Obstacle): _____

AT Sea Level, 10kts Headwind: Landing Distance – 585’ Over 50 Obstacle – 1350’

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**N225TF C-172SP
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C.G. Envelope: Range – 35.0 Fwd to 47.3 Aft

