

A2A V35 Bonanza Weight & Balance

Pilot In Command must verify all information is correct according to aircraft POH

Date	Mission No	Type	H.P.	Tail. No	CAPF No
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Sortie No: Weight x Arm = Moment

Basic Empty Weight: 2285 x 77.9 = 178001.5

Pilot _____ x 87 = _____

Co-Pilot _____ x 87 = _____

Passenger 1 _____ x 124 = _____

Passenger 2 _____ x 124 = _____

Baggage area 1 (270 lbs MAX) _____ x 154 = _____

When Passenger 1 and 2 seats are removed:

Baggage area 2 (200 lbs MAX) _____ x 108 = _____

Baggage area 3 (270 lbs MAX) _____ x 145 = _____

Usable Fuel: _____ x 6 lbs / Gallon = _____ x 75 = _____

Total Weight & Moment _____ _____

AC Color: _____ / _____ = _____
Total Moment Total Weight C.G.

Taxi Fuel: _____ x 6 lbs / Gallon = _____ x 75 = _____

TakeOff Condition: _____ / _____ = _____
Total Moment Total Weight C.G.

Trip Fuel: _____ x 6 lbs / Gallon = _____ x 75 = _____

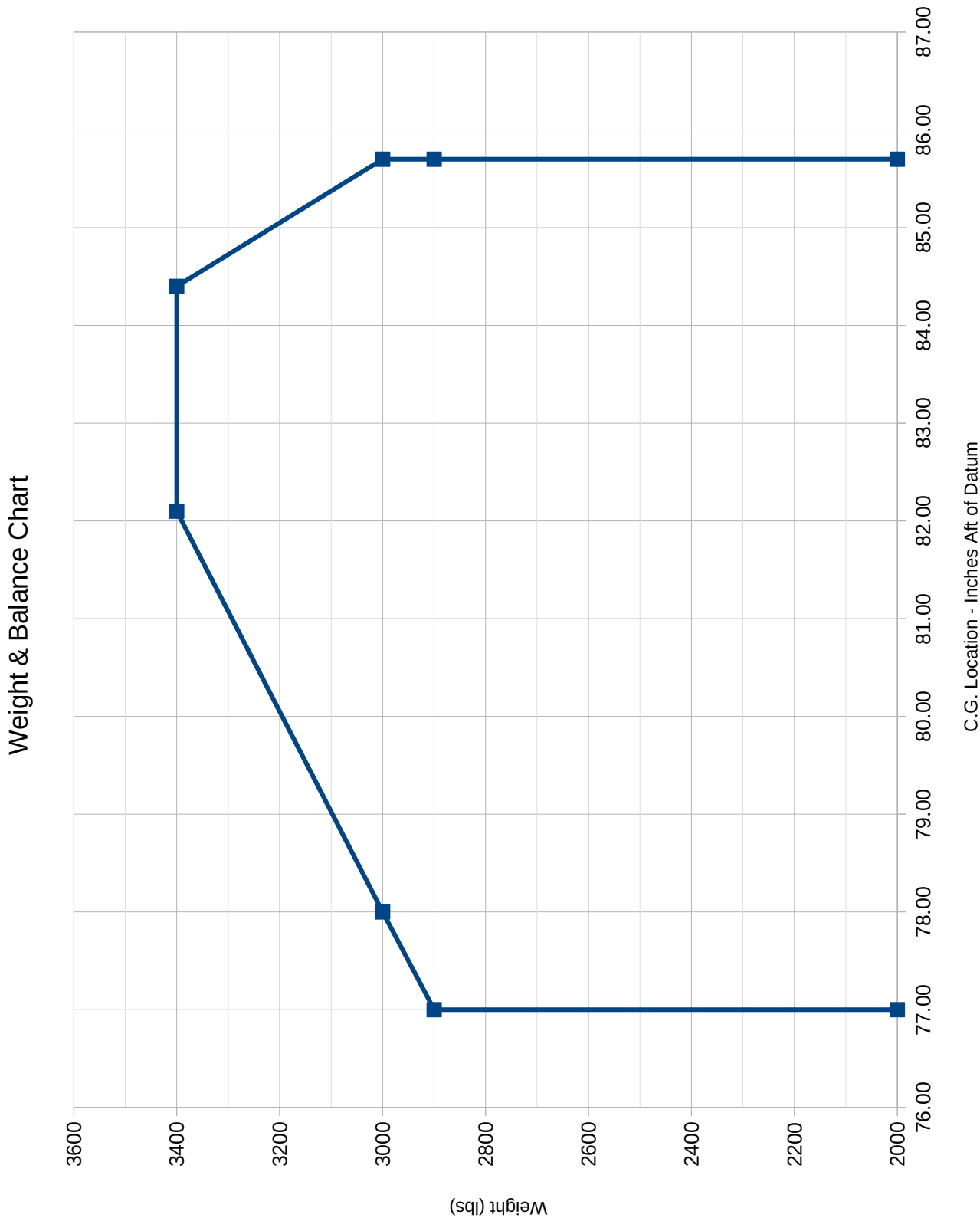
Landing Condition: _____ / _____ = _____
Total Moment Total Weight C.G.

Fuel Capacity:

Total Usable: 74.0 US Gallons
Total Usable Each Tank:

STANDARD AIRPLANE WEIGHTS

Maximum Ramp Weight:	3412 Lbs
Standard Empty Weight::	2285 Lbs
Maximum Useful Load:	1115 Lbs
Maximum Takeoff Weight:	3400 Lbs
Maximum Landing Weight:	3400 Lbs



You should know

Intended for simulation purposes only!

The weights used in this sheet are adjusted to match the A2A V35 Bonanza for Prepar3D.

The CG diagram and the Arms of loading stations (Pilot, fuel tanks...) were build upon values from A2A manual for V35 Bonanza. But I do not know how the calculations in the loading panel itself within P3D is done, so this sheet may not match 100% to what you will get within the P3D.

If you find any error, have some suggestion, improvement, built sheets for other aircraft based on this one... I will be happy if you let me know at admin@mouseviator.com.