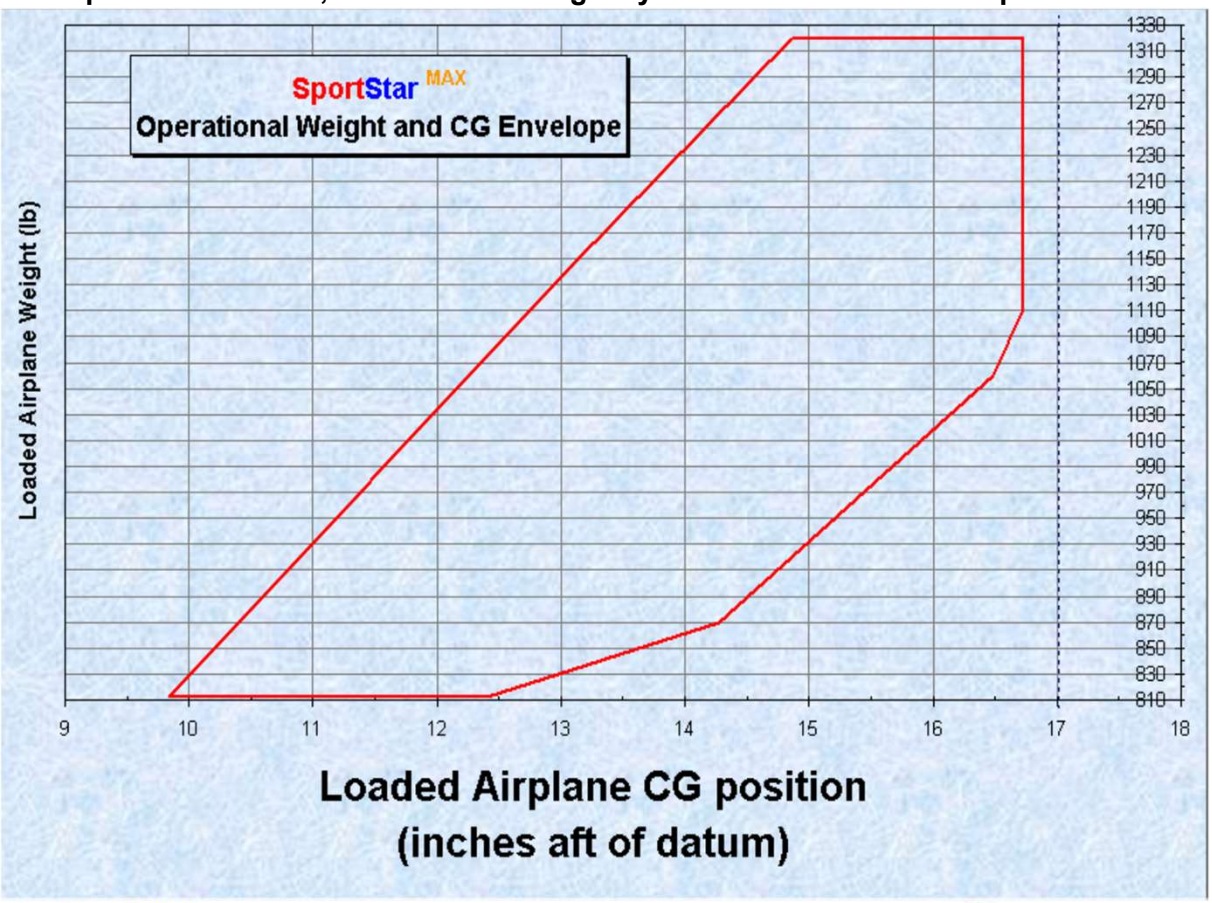
Weight and Balance Worksheet for N24AV

STATION	WEIGHT	ARM	MOMENT
Plane	**777.2**	**9.68**	**7522.2**
Pilot		**21.45**	
Copilot		**21.45**	
Fuel @ 6#/Gal Max usable 31.2 gal		**26.75**	
Baggage Max 55 pounds		**42.65**	
Total:	_____ (Max gross wt 1320#)		_____
CG =		_____	**(Total Moment / Total Weight)**

1. **Enter the weights for each station**
2. **Add up the weights under the weight column and place the total at the bottom**
3. **Multiply each station weight by arm and enter results under the moment column**
4. **Add up the moments under the moment column and place total at bottom**
5. **Divide total moment by total weight to determine loaded center of gravity**
6. **Plot CG on graph below to ensure loading is within indicated envelope**
7. **Repeat for zero fuel, to ensure loading stays within indicated envelope**



rev. 06 Oct 2020

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