

## ARA Aviation FORM 305: Weight and Balance Revision

Section 1: Form Information			
Customer Name: SKYLANE 73 LLC	N-Number: N91236	Date: 08/02/2022	
Make:	Model: 182P	A/C TT: <u>3719.5</u>	
S/N: 18261980	W.O #: 0145		

## Section 2: Equipment Removed

New C.G. Calculation (Ed	quipment Removed)		
Item, Make and Model *	Weight [lb]	Arm [in]	Moment [lb-in]
Previous information from W&B dated: 07/22/2022	1848.63	36.09	66724.72
EQUIPMENT REMOVED:	S=0		-
Trans-Cal Altitude Encoder D120-P2-T	1.23	16.00	-19.68
			0.00
	13		0.00
			0.00
			0.00
			0.00
			0.00
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
SUB TOTALS	1847.40	36.11	66705.04

<sup>\*</sup> Item numbers when listed in the pertinent aircraft specification may be used in lieu of "item, Make, and Model"

Note: This weight and balance recalculation is accurate only to the extent of the accuracy of the data obtained from the previous weight and balance figures provided by the aircraft owner. It is the operator's responsibility to determine that the aircraft remains within the safe weight and balance limits. Refer to weight and balance data for loading instructions.

SUBTOTAL C.G. Calculation (Equipment Removed)		
Gross Weight [lb]:	2950.00	
New Empty weight [lb]:	1847.40	
New CG [in]:	36.11	
Moment [lb-in]:	66705.04	
Useful Load [lb]: 1,102.60		

Weight of Equipment Removed		
Weight [lb]:	-1.23	

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<sup>\*\*</sup> Not final calculation. See additional pages for Equipment Added calculations.

## Section 3: Equipment Added

New C.G. Calculation (Equipment Added)			
Item, Make and Model *	Weight [lb]	Arm [in]	Moment [lb-in]
Previous information from Section 2 above.	1847.40		66705.04
EQUIPMENT ADDED:	-		-
Garmin GAE 12 Altitude Encoder	0.12	7.00	0.84
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
NEW TOTALS	1847.52	36.11	66705.88

<sup>\*</sup> Item numbers when listed in the pertinent aircraft specification may be used in lieu of "item, Make, and Model"

Note: This weight and balance recalculation is accurate only to the extent of the accuracy of the data obtained from the previous weight and balance figures provided by the aircraft owner. It is the operator's responsibility to determine that the aircraft remains within the safe weight and balance limits. Refer to weight and balance data for loading instructions.

New C.G. Calculation (New Equipment)		
Gross Weight [lb]:	2950.00	
New Empty weight [lb]:	1847.52	
New CG [in]:	36.11	
Moment [lb-in]:	66705.88	
Useful Load [lb]:	1102.48	

Weight of Equipment Added		
Weight [lb]:	0.12	

Prepared by:



CRS #: AR4R175E Date: 8/2/2022

**REVISION: Original** 

Effective Date: 05/03/2021

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