

# 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: 3719.5  
 S/N: 18261980 W.O #: 0145

### Section 2: Equipment Removed

| New C.G. Calculation (Equipment Removed)               |             |          |                |
|--|-------------|----------|----------------|
| Item, Make and Model *                                 | Weight [lb] | Arm [in] | Moment [lb-in] |
| Previous information from W&B dated: <u>07/22/2022</u> | 1848.63     | 36.09    | 66724.72       |
| <b>EQUIPMENT REMOVED:</b>                              | -           | -        | -              |
| Trans-Cal Altitude Encoder D120-P2-T                   | 1.23        | 16.00    | -19.68         |
|  |             |          | 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           |
| <b>SUB TOTALS</b>                                      | 1847.40     | 36.11    | 66705.04       |

\* 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 |

\*\* Not final calculation. See additional pages for Equipment Added calculations.

