

**Dillon's Aviation, Inc.**  
**Weight and Balance Revision**

|                  |           |
|------------------|-----------|
| Date:            | 11/7/2023 |
| Registration # : | N829DS    |
| Model:           | DA40-180  |
| Serial # :       | 40.849    |

|                  |           |
|------------------|-----------|
| Old Useful Load  | 773.53    |
| Old Empty Weight | 1872.47   |
| Old C.G.         | 98.32     |
| Old Moment:      | 184104.87 |

**Removed:**

|   | Unit          | Weight | Arm  | Moment |
|---|---------------|--------|------|--------|
| 1 | MTV Propeller | 47.0   | 15.0 | 705.0  |
| 2 |               |        |      |        |
| 3 |               |        |      |        |
| 4 |               |        |      |        |

|                          |       |
|--------------------------|-------|
| Total Weight Removed:    | 47.0  |
| Total Moment Subtracted: | 705.0 |

**Installed:**

|   | Unit                       | Weight | Arm  | Moment |
|---|----------------------------|--------|------|--------|
| 1 | Hartzel HC-C2YR-1BFP/F7497 | 62.8   | 15.0 | 942.0  |
| 2 |                            |        |      |        |
| 3 |                            |        |      |        |
| 4 |                            |        |      |        |

|                         |       |
|-------------------------|-------|
| Total Weight Installed: | 62.8  |
| Total Moment Added:     | 942.0 |

|                  |           |
|------------------|-----------|
| New Useful Load  | 757.73    |
| New Empty Weight | 1888.27   |
| New C.G.         | 97.62     |
| New Moment       | 184341.87 |

**Prepared/Approved by:**

# Dillon's Aviation, Inc.

## Weight and Balance Revision

AS CONFIGURED

Date: 4-19-24  
 Registration #: N829DS  
 Model: DA 40  
 Serial #: 40,849

Old Useful Load 757.73  
 Old Empty Weight 1888.27  
 Old C.G. 97.62  
 Old Moment: 184341.87

### Removed:

|   | Unit         | Weight | Arm   | Moment |
|---|--------------|--------|-------|--------|
| 1 | NLG FAIRING  | 2.0    | 41.6  | 1.058  |
| 2 | LMLG FAIRING | 2.8    | 107.9 | 2.740  |
| 3 | RMLG FAIRING | 2.8    | 107.9 | 2.740  |
| 4 |              |        |       |        |

Total Weight Removed: 7.6  
 Total Moment Subtracted: 6.538

### Installed:

|   | Unit | Weight | Arm | Moment |
|---|------|--------|-----|--------|
| 1 |      |        |     |        |
| 2 |      |        |     |        |
| 3 |      |        |     |        |
| 4 |      |        |     |        |

Total Weight Installed:   
 Total Moment Added:

New Empty Weight 1880.67  
 New Useful Load 765.33  
 New C.G. 97.97  
 New Moment 184348.40

Prepared/Approved by: [Signature]