


Aircraft Weight and Balance Revision

| | | | | |
|--|----------------------------|---|-----------------------|--|
| Tail Number: N1471E | | Date: Nov 09, 2022 | | |
| Prepared by: Coastal Skies Maintenance LLC 17910 Airfield Lane Pearland, TX 77581 | | Work Order No: 17641 | | |
| | | Type Certificate Data No: 3A12 | | |
| Aircraft Make: Cessna | Model: 172N | Serial No: 17271014 | Time: 6754.2 | |
| Registered Owner: KDRD Holdings LLC | | Address: 5209 Brigantine Cay Ct Texas City, Tx 77590 | | |
| Maximum Weight 2550 | | CG Range FWD 41.0 AFT 47.3 | | |
| As Received; Date of Previous Weight and Balance: 04/13/2021 | Useful Load: 731 | EW: 1819 | EWCG: 40.28 | Moment: 73269.32 |
| Notes: Calculated weight and balance at weighing after panel upgrade. this weight and balance subtracts out useable fuel. | | | | |
| | | Weight | Arm | Moment |
| Less full tanks of useable fuel 50 gallons at 6 lbs 300 lbs | | -300 | 46 | -13800.00 |
| | | 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 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| <input checked="" type="checkbox"/> As Calculated <input type="checkbox"/> As Weighed | | New Empty Weight CG 39.15 | | New Useful Load 1031.00 |
| Moment 59469.32 <hr/> Weight 1519.00 | | Signature  | | |
| | | Repair Agency or License No: <i>IA 3525486</i> | | |



Aircraft Weight and Balance Revision

| Tail Number: N1471E | | Date: 5/17/18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|--|--------|-----|--------|-------------------|------|------|---------|------------------------|------|------|-------|--------------------|------|------|--------|-------------------------|------|------|-------|--|------|------|------|--|------|------|------|--|------|------|------|--|------|------|------|--|------|------|------|--|------|------|------|--|------|------|------|
| Prepared by: Total Aircraft Services 17910 Airfield Lane Pearland, Texas 77581 | | Work Order No: 13400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Type Certificate Data No: 3A12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aircraft Make: Cessna | Model: 172N | Serial No: 17271014 | Time: 4255.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Registered Owner: Williams Russell R | | Address: 3301 Tallow Forest Street Dickinson, Tx 77539-8329 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum Weight 2550 | | CG Range FWD +38.5 AFT +47.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| As Received; Date of Previous Weight and Balance: 12/03/98 | Useful Load: 1020 | EW: 1530 | EWCG: 38.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Moment: 58179.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Notes: Equipment change. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="position: absolute; transform: rotate(-45deg); color: blue; font-size: 1.2em; font-weight: bold;"> Superseded Previously Karl B Taylor IA 3525486 </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%;">Weight</th> <th style="width: 15%;">Arm</th> <th style="width: 10%;">Moment</th> </tr> </thead> <tbody> <tr><td>Cessna ADF system</td><td style="text-align: center;">-7.0</td><td style="text-align: center;">21.0</td><td style="text-align: center;">-147.00</td></tr> <tr><td>Cessna Marker receiver</td><td style="text-align: center;">-7.0</td><td style="text-align: center;">11.8</td><td style="text-align: center;">-8.26</td></tr> <tr><td>Cessna Audio Panel</td><td style="text-align: center;">-1.9</td><td style="text-align: center;">12.5</td><td style="text-align: center;">-23.75</td></tr> <tr><td>PS Engineering PMA7000M</td><td style="text-align: center;">+1.5</td><td style="text-align: center;">12.5</td><td style="text-align: center;">18.75</td></tr> <tr><td> </td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td></tr> <tr><td> </td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td></tr> <tr><td> </td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td></tr> <tr><td> </td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td></tr> <tr><td> </td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td></tr> <tr><td> </td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td></tr> <tr><td> </td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td><td style="text-align: center;">0.00</td></tr> </tbody> </table> | | | | | Weight | Arm | Moment | Cessna ADF system | -7.0 | 21.0 | -147.00 | Cessna Marker receiver | -7.0 | 11.8 | -8.26 | Cessna Audio Panel | -1.9 | 12.5 | -23.75 | PS Engineering PMA7000M | +1.5 | 12.5 | 18.75 | | 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 |
| | Weight | Arm | Moment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cessna ADF system | -7.0 | 21.0 | -147.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cessna Marker receiver | -7.0 | 11.8 | -8.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cessna Audio Panel | -1.9 | 12.5 | -23.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS Engineering PMA7000M | +1.5 | 12.5 | 18.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> As Calculated <input type="checkbox"/> As Weighed | Moment 58019.54 <hr/> Weight 1521.90 | New Empty Weight CG 38.12 | New Useful Load 1028.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Repair Agency or License No: IA3525486 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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| Prepared by: Coastal Skies Maintenance 17910 Pearland Tx 77581 | | Work Order No: | |
| | | Type Certificate Data No: | |
| Aircraft Make: Cessna | Model: 172N | Serial No: 17271014 | Time: |
| Registered Owner: KDRD Holdings LLC | | Address: 5209 Brigantine Cay Ct Texas City, Tx 77590 | |
| Maximum Weight 2550 | | CG Range FWD 38.5 AFT 47.3 | |
| As Received; Date of Previous Weight and Balance: 11/15/2018 | Useful Load: 1023.90 | EW: 1526.10 | EWCG: 38.07 Moment: 58097.25 |
| Notes: | | | |
| <i>Super checked Nov 9 2022 Karl B M IA 3525486</i> | | | |
| | Weight | Arm | Moment |
| Removed Aluminum spinner | -1.2 | -43.1 | 51.72 |
| Installed Composite spinner | 1.0 | -43.1 | -43.10 |
| | 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 |
| | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 |
| <input checked="" type="checkbox"/> As Calculated | Moment | 58105.87 | New Empty Weight CG 38.08 |
| <input type="checkbox"/> As Weighed | Weight | 1525.90 | |
| | | | New Useful Load 1024.10 |
| Signature <i>Karl B M</i> | | | |
| Repair Agency or License No: <i>IA 3525486</i> | | | |