

**RMS**

Resource Maintenance System

**Aircraft  
Weight and Balance**

Printed: 8/11/20 1:22:05 PM

Serial #: 2844159

Resource: Kent 53

Model: PA-28R-201

Location: Kent State

Page 1 of 1

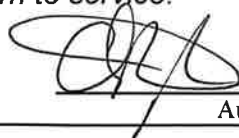
**N753KS**

| Who     | Date        | Total Time | Action  | Item                               | Weight   | Arm      | Moment     |
|---------|-------------|------------|---------|------------------------------------|----------|----------|------------|
| cdoyle  | Jan 06 2016 | 8.10       | Install | Factory Weight                     | 1,793.50 | 86.1090  | 154,436.49 |
| cdoyle  | Jan 06 2016 | 8.10       | Install | Reiff Engine Preheater             | 0.80     | 15.6000  | 12.48      |
| cdoyle  | Aug 16 2016 | 281.10     | Remove  | Pilot & Co-pilot Inertia Reels     | 1.48     | 119.5000 | -176.86    |
| cdoyle  | Aug 16 2016 | 281.10     | Remove  | Pilot & Co-pilot Seat Belts        | 1.76     | 89.0000  | -156.64    |
| cdoyle  | Aug 16 2016 | 281.10     | Install | AMSAFE Pilot & Copilot Seat Belt   | 3.30     | 89.0000  | 293.70     |
| cdoyle  | Aug 16 2016 | 281.10     | Install | AMSAFE Pilot & Co-pilot Inertia Re | 0.75     | 119.5000 | 89.63      |
| cdoyle  | Aug 16 2016 | 281.10     | Install | AMSAFE Inflators and Mount Brac    | 4.40     | 89.0000  | 391.60     |
| cdoyle  | Aug 16 2016 | 281.10     | Install | AMSAFE EMA Mount Bracket           | 0.77     | 160.0000 | 123.20     |
| cdoyle  | Aug 16 2016 | 281.10     | Install | AMSAFE EMA                         | 0.72     | 160.0000 | 115.20     |
| cdoyle  | Nov 21 2018 | 1,385.50   | Remove  | Gill Battery G-35 Main Battery     | 27.80    | 167.0000 | -4,642.60  |
| cdoyle  | Nov 21 2018 | 1,385.50   | Install | Concorde RG-35AXC Main Battery     | 30.00    | 167.0000 | 5,010.00   |
| jeyring | May 31 2019 | 1,591.60   | Remove  | Mid Continent 4300-411 Stby Horiz  | 3.70     | 54.0000  | -199.80    |
| jeyring | May 31 2019 | 1,591.60   | Remove  | Mid Continent 9015607 backup batt  | 0.95     | 48.0000  | -45.60     |
| jeyring | May 31 2019 | 1,591.60   | Remove  | Garmin GTX-330 Transponder         | 4.20     | 53.0000  | -222.60    |
| jeyring | May 31 2019 | 1,591.60   | Install | Garmin G5 P/N 011-03809-00 Stby    | 0.98     | 55.0000  | 53.90      |
| jeyring | May 31 2019 | 1,591.60   | Install | GTX 345 Transponder P/N 011-033    | 3.10     | 54.0000  | 167.40     |
| cdoyle  | Aug 11 2020 | 1,983.90   | Remove  | McCauley Propeller and Spinner     | 56.40    | -1.7000  | 95.88      |
| cdoyle  | Aug 11 2020 | 1,983.90   | Install | Hartzell Propeller and Spinner     | 61.80    | -1.2000  | -74.16     |

| Max      | Empty      | Useful Load | CG      |
|----------|------------|-------------|---------|
| 2,750.00 | - 1,803.83 | = 946.17    | 86.0786 |

**TOTAL WEIGHT: 1,803.83****TOTAL MOMENT: 155,271.22**

*The above removal/installation was performed in accordance with manufacturers specifications and is approved for return to service.*

 **AP305891**  
Authorized Signature