

1978 P210N N128EE
P210N P21000133
Atlanta, GA; D/A: 10/08/21

max gross wt 4000
useful load =

| Loaded Aircraft | | | | |
|------------------|-------------|--------------|--------------|------------------|
| | Wt | Arm | Moment | Calculated |
| empty wt | 2771 | 42.5 | 117.7 | |
| fuel | 596 | 43.2 | 25.7 | 99 gal |
| oil | | | 0.0 | 0 quarts |
| Seat # 1 | 230 | 37 | 8.5 | |
| Seat # 2 | 146 | 37 | 5.4 | |
| Seat # 3 | 33 | 71 | 2.3 | |
| Seat # 4 | 147 | 71 | 10.4 | |
| Seat # 5 | 171 | 101 | 17.3 | |
| Seat # 6 | | | 0.0 | |
| Transfer Fuel T | 179.5 | 138 | 24.8 | |
| Tip Tank Fuel | 217.8 | 49.5 | 10.8 | |
| Aft bag | 80 | 138 | 11.0 | |
| | | | 0.0 | |
| | | | 0.0 | |
| | | | 0.0 | |
| | | | 0.0 | |
| | | | 0.0 | |
| Total Wt. | 4571 | 51.19 | 234.0 | -571 lbs. |

| PLOT DATA | | | |
|------------|------|-------|--------|
| Envelope | Wt | Arm | Moment |
| | 2400 | 38.4 | 92.16 |
| | 3200 | 38.4 | 122.88 |
| | 3800 | 42.5 | 161.5 |
| | 4000 | 43.9 | 175.6 |
| | 4000 | 49.0 | 196 |
| | 2400 | 49.0 | 117.6 |
| Actual | Wt | Arm | Moment |
| Loaded A/C | 4571 | 51.19 | 234.0 |
| Empty Fuel | 2771 | 42.5 | 117.7 |

Note 1: Shaded areas require manual input
Note 2: A & B tags must be positioned manually
Note 3: Moment values shown as Moment / 1000

CENTER OF GRAVITY ENVELOPE WORKSHEET

