## WEIGHT AND BALANCE/EQUIPMENT LIST REVISION

**NAME:** Delaware State University  
**AIRCRAFT MAKE/TYPE:** Piper PA-28-161  
**REGISTRATION #:** N430DS  
**DATE:** May 21, 2013  
**MODEL #:** PA-28-161  
**SERIAL #:** 28-7816517  
**PREVIOUS DATE:** 12-12-2011  
**WEIGHT:** 1505.55 lbs  
**ARM:** 85.13 ft  
**MOMENT:** 128243.46 lbs-ft  
**GROSS WEIGHT:** 2325 lbs  
**USEFUL LOAD:** 819.45 lbs

### EQUIPMENT LIST

<table>
<thead>
<tr>
<th>EQUIPMENT LIST</th>
<th>IN</th>
<th>OUT</th>
<th>WEIGHT</th>
<th>ARM</th>
<th>MOMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(P/N) 149.06</td>
<td>X</td>
<td></td>
<td>9.3</td>
<td>14.5</td>
<td>135</td>
</tr>
<tr>
<td>(Desc.) SKY-TEC STARTER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 MZ4222</td>
<td>X</td>
<td>-17.0</td>
<td>14.5</td>
<td>-247</td>
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</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
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<td>4</td>
<td></td>
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</tbody>
</table>

### AIRCRAFT EMPTY WEIGHT: 1505.55 lbs  
**ARM:** 85.13 ft  
**MOMENT:** 128243.46 lbs-ft  
**GROSS WEIGHT:** 2325 lbs  
**USEFUL LOAD:** 819.45 lbs

**NOTE:** Weight and balance must be completed and attached to pilot’s operating handbook.

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**Sky-Tec Serial Numbers**  
Beginning w/  
**Lycoming Starters**  
CN - 6.3 lbs.  
FN - 9.3 lbs.  
CNE - 9.3 lbs.  
FNE - 9.3 lbs.  
FNR - 9.3 lbs.  
FNFR - 6.3 lbs.  
CXH - 10.2 lbs.  
FXH - 10.2 lbs.  
CXM - 8.5 lbs.  
FXM - 8.5 lbs.  
C4E - 8.5 lbs.  
F4E - 8.5 lbs.  
H4M - 8.5 lbs.  
H4E - 8.5 lbs.  
CXC - 8.9 lbs.  
FXC - 8.9 lbs.  
HXC - 8.9 lbs.  
C9A - 8.1 lbs.  
FXL - 8.1 lbs.  
CXLP - 8.1 lbs.  
F(X)P - 8.1 lbs.

**Continental Starters**  
2C - 9.2 lbs.  
2C9R - 9.2 lbs.  
(x)C9 - 6.9 lbs.  
(x)C9S - 9.1 lbs.