NOTES

1. Hard anodize black all aluminum parts 0.0010 thickness
2. Design for these parts borrowed from Steve Gunnels MIKE drawings 08M15148-54

THE OBSERVATORIES OF THE CARNEGIE INSTITUTION OF WASHINGTON
813 Santa Barbara Street
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Bill of Material

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
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<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>Plunger Piston, Long</td>
<td>PFS11028</td>
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<tr>
<td>2</td>
<td>4</td>
<td>Plunger Body, Short</td>
<td>PFS11027</td>
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<tr>
<td>3</td>
<td>5</td>
<td>Plunger Piston, Short</td>
<td>PFS11029</td>
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<td>4</td>
<td>9</td>
<td>Plunger Piston, Short</td>
<td>PFS11030</td>
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<td>5</td>
<td>9</td>
<td>Plunger Body, Long</td>
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<td>6</td>
<td>9</td>
<td>Plunger Body Cap</td>
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<td>7</td>
<td>9</td>
<td>Plunger Spring Disk</td>
<td>PFS11032</td>
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</tbody>
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MATERIAL: Aluminum-6061

UNLESS OTHERWISE SPECIFIED:
- FRACTIONAL: 1/32
- DECIMAL: .001
- ANGULAR: ± 0.01
- JOINT ANGLE: ± 1.0 DEG

BREAK SHARP EDGES MACHINED SURFACES LOF ALL DIMENSIONS IN INCHES