NOTES: UNLESS OTHERWISE NOTED
1. MACHINED SURFACE ROUGHNESS 84
2. O-RING GROOVES AND SURFACES .32
3. REMOVE ALL BURRS/SHARP CORNERS

BILL OF MATERIAL

<table>
<thead>
<tr>
<th>NO.</th>
<th>REQ'D</th>
<th>REF. DRW</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>1</td>
<td>SMO-011A</td>
<td>BAFLE TUBE</td>
<td>ALU 6061-T6</td>
</tr>
</tbody>
</table>

SECTION B-B: SCALE 2:1

ISOMETRIC
SCALE 1/2

BACK: SCALE 1:1

REV: N/A
DATE: 11/05/97
DESIGN: STAHLMER
DRAWN: STAHLMER
APPROD: J. RAYNER

TOLERANCES

| X, X | +/- .15 |
| X, XX| +/- .05  |
| X, XXX | +/- .002 |
| ANGLE| +/- 30 min |
| FRACTION | +/- 1/32 |

INSTITUTE FOR ASTRONOMY
2680 WOODLEA DR, HONOLULU, HI 96822
INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH
PART NAME: BAFLE TUBE
TELESCOPE: IRF

REVISION: N/A

SMO-001B
NEXT ASSY

SIZE: A
SHEET: 2 OF 1

CONTRACT NO.: 725