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

BILL OF MATERIAL

<table>
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<th>NO.</th>
<th>REQ'D</th>
<th>REF DRW</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
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<td>1</td>
<td>SJ4-019A</td>
<td>PRESSURE PAD</td>
<td>ALU 6081-T6</td>
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</tbody>
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INSTITUTE FOR ASTRONOMY
2680 WOODLAWN DR, HONOLULU, HI 96822

INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH

PART NAME: PRESSURE PAD

TELESCOPE: IRTF

REVISION: ADD COUNTERBORE

REVDATE: 05/14/99

REVDATE: N/A

DATE: 11/25/97

DESIGN: STAHLBERGER

DRAWN: STAHLBERGER

APPROVED: J. RAYNER

TOLERANCES

| XXX | +/- .015 |
| XXX | +/- .005 |

SJ4-001B

NEXT ASSY

DRAW NO: SJ4-019A

SIZE: A

JOB NO: 725

SCALE: 1:4

SHEET: 1 OF 1

PLOT: 10/19/99