NOTES: UNLESS OTHERWISE NOTED
1. MACHINED SURFACE ROUGHNESS .64
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>SPO-026A</td>
<td>SHAFT</td>
<td>STAINLESS 303</td>
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SECTION A-A

A

FRONT

REV: N/A
DATE: 05/07/97
DESIGN: STALBERTER
DRAWN: STALBERTER
APPROV: J. RAYNER

TOLERANCES

<p>| | |</p>
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<tr>
<td>X</td>
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<td>XX</td>
<td>+/- .005</td>
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<td>XXX</td>
<td>+/- .002</td>
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<td>ANGLE</td>
<td>+/- 30 min</td>
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<tr>
<td>FRACTION</td>
<td>+/- 1/32</td>
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INSTITUTE FOR ASTRONOMY
2680 WOODLAWN DR. HONOLULU, HI 96822
INSTRUMENT: SPX - CROSS DISPERSED SPECTROGRAPH
PART NAME: SHAFT
TELESCOPE: IRTF

DRAWN NO: SPO-026A

SIZE: A
LOT NO: 725
SHEET: 1 OF 1

PLOT: 10/19/99