NOTES:

1) ALL DIAMETERS CONCENTRIC TO .0005 TIR

2) DIMENSIONS WITH ASTERISK: MEASURE KAYDON BEARING, MAKE LIGHT PRESS OF .0002 2 PLCS

SECTION A-A

INSTITUTE FOR ASTRONOMY
2680 WOODLAWN DR. HONOLULU, HI 96822

INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH

PART NAME: BEARING SHAFT

TELESCOPE: IRTF

REVISION: N/A
DATE: 07/05/99
DESIGN: STAHLMICER
DRAWN: STAHLMICER
APPROV: J. RAYNER

TOLERANCES

| X.X | +/- .015 |
| X.X | +/- .005 |
| X.XX | +/- .002 |
| ANGLE | +/- 30 MIN |
| FRACTION | +/- 1/32 |

BILL OF MATERIAL

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REVIEW: N/A
SIZE: A
SHEET: 1 OF 1

DRAW NO: S1-012A
NEXT ASSY

PLT: 07/19/99