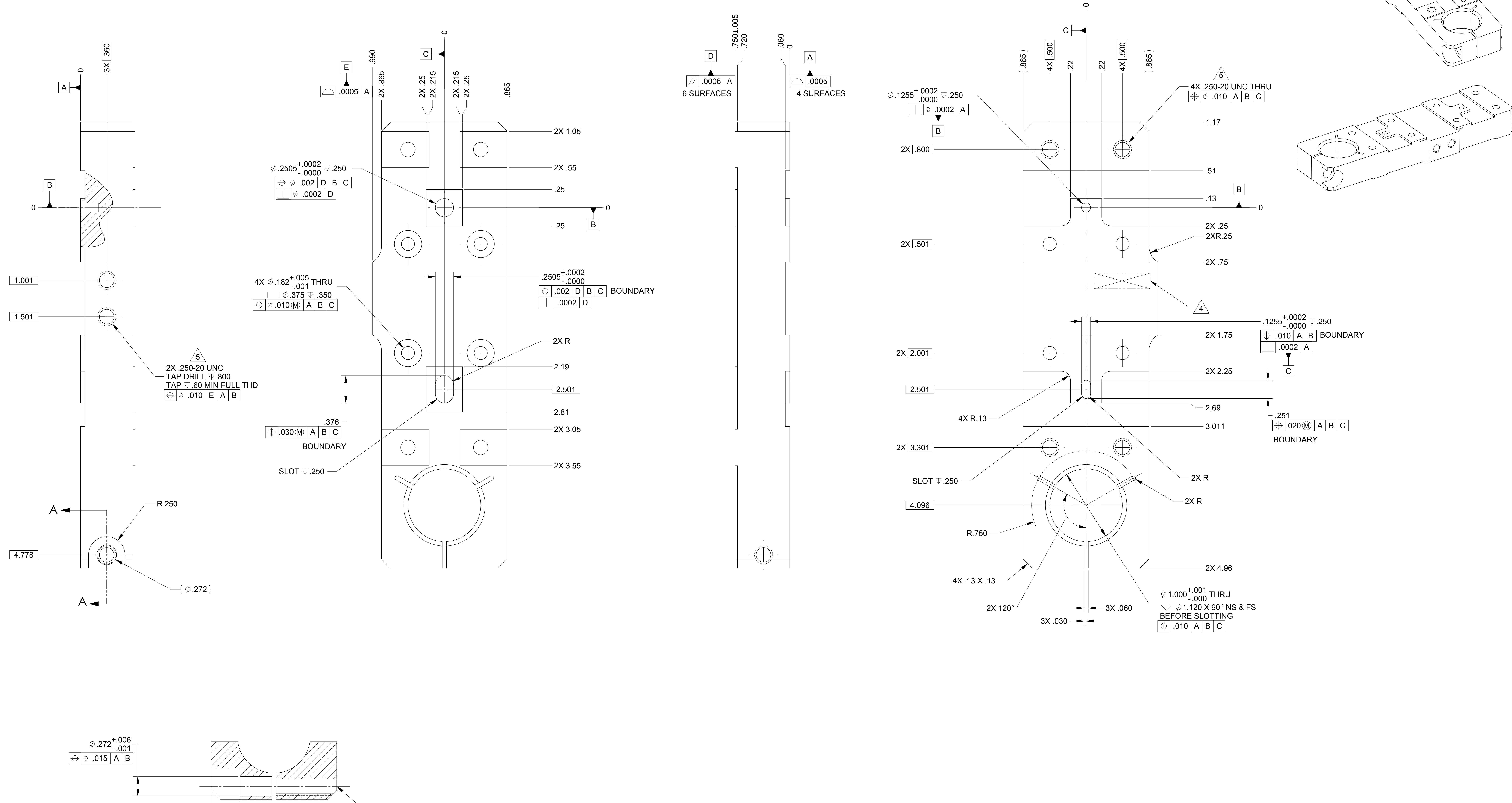


REVISIONS		DWN	CHK	P-ENG	CONF	ME	STRS	MATL	PROJ	QA	RELEASE DATE
A		RB	RF	KS	RF	RK	DCW	DCW	SV	GDL	1-24-05
B	E7	RF									



SECTION A-A

- NOTES: UNLESS OTHERWISE SPECIFIED.
- ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASI SPECIFICATION 20008225 (LIGO E048225).
 - REMOVE ALL BURRS AND SHARP EDGES .005-.015.
 - MACHINE FILLET RADII .003-.015.
 - MARK PART AND SERIAL NUMBER IN LOCATION APPROXIMATELY AS SHOWN USING 0.13-INCH HIGH CHARACTERS IN ACCORDANCE WITH 20006886, TYPE I, CLASSES 4, 5, OR 6. SERIAL NUMBERS START AT 001 FOR FIRST PART AND PROCEED CONSECUTIVELY. PARTS TOO SMALL TO MARK SHALL BE IDENTIFIED IN ACCORDANCE WITH 20006886, TYPE II.
 - THREADED HOLES SHALL BE PRODUCED TO A .004-.006 OVERSIZE CONDITION ON THE PITCH DIAMETER BASED ON A 2B CONDITION. THIS DOES NOT APPLY TO THREADED INSERT HOLES.
 - COUNTERSINK 82° ALL TAPPED HOLES TO MAJOR DIAMETER +.015/-.000.
 - COUNTERSINK 82° ALL DRILLED HOLES .015-.030 DEEP BOTH SIDES.
 - RECORD WEIGHT TO NEAREST 0.1 LB ON INSPECTION REPORT AFTER FINAL MACHINING. ESTIMATED WEIGHT IS 6.2 LBS.

20007917-1		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		SPECIFICATION	MATERIAL OR NOTE	ZONE
QTY	REGD	ITEM NO	REF DES	CAGE NO				
CONTRACT NO				PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES				<p>DECIMALS ANGLES</p> <p>XX ±.03 XXX ±.010 ±1/2°</p> <p>MACHINE FINISH 125</p> <p>DO NOT SCALE DRAWING INTERPRET DWG PER ASME Y14.5M-1994</p>		<p>RELEASED</p> <p>2/9/2005</p> <p>ASI</p> <p>ALLIANCE SPACESYSTEMS, INC. 1250 Lincoln Ave., Suite 100 Pasadena, CA 91103</p> <p>VERTICAL ACTUATOR FIELD ADAPTER LIGO D047917-B</p>		
MATERIAL				CRES 303 FORGING PER ASTM A 473		<p>SCALE: 2:1</p> <p>UNCLASSIFIED SHEET 1 OF 1</p>		

THIS DOCUMENT MAY CONTAIN ITAR CONTROLLED INFORMATION AND/OR COMMERCE CONTROLLED INFORMATION EXPORT RESTRICTIONS MAY APPLY