

NOTES: UNLESS OTHERWISE NOTED
1. MACHINED SURFACE ROUGHNESS 64
O-RING GROOVES AND SURFACES 32
2. REMOVE ALL BURRS/SHARP CORNERS

BILL OF MATERIAL					
NO.	REQ'D	REF DRW	DESCRIPTION	MATERIAL	
N/A	1	SC0-001B	ACTIVE SHIELD	N/A	
1	1	SC0-011A	DOOR	ALU 6061-T6	
2	1	SC0-012A	DOOR FRAME	ALU 6061-T6	
3	1	SC0-013A	G-10 DISK	G-10	
4	1	SC0-015B	SHIELD PLATE +X	ALU 6061-T6	
5	1	SC0-016B	SHIELD PLATE +Y	ALU 6061-T6	
6	1	SC0-017B	SHIELD PLATE +Z	ALU 6061-T6	
7	1	SC0-018B	SHIELD PLATE -X	ALU 6061-T6	
8	1	SC0-019B	SHIELD PLATE -Y	ALU 6061-T6	
9	1	SC0-021B	TAB MOUNTING PLATE	ALU 6061-T6	
10	1	SC0-026A	Z-SUPPORT PIN	STAINLESS	
11	5	SC0-014A	G-10 TAB	G-10	
12	5	SC0-020A	TAB BLOCK	ALU 6061-T6	
13	3	SC0-022A	TAB SUPPORT 1	ALU 6061-T6	
14	2	SC0-023A	TAB SUPPORT 2	ALU 6061-T6	
15	10	SC0-024A	TAB WASHER	ALU 6061-T6	
16	1	SC0-025A	Z-SUPPORT COVER	ALU 6061-T6	
17	1	SC0-015BM	SHIELD PLATE +X MOD	ALU 6061-T6	
18	1	SC0-027A	ACCESS COVER CCC	ALU 6061-T6	
19	1	SC0-028B	ACCESS COVER CCC FRAME	ALU 6061-T6	
20	1	SC0-029A	ACCESS COVER HANDLE	ALU 6061-T6	
21	N/A	SC0-030A	TAB SUPPORT SPACER(NOT SHOWN)	ALU 6061-T6	
22	20	SC0-031A	CAPTIVE SCREW CUSTOM(NOT SHOWN)	STAINLESS	
23	4	SC0-032A	DOOR CLAMP	BLK DELRIN	
24	1	SC0-033A	FILL TUBE SHIELD 1	ALU 6061-T6	
25	1	SC0-034A	FILL TUBE SHIELD 2	ALU 6061-T6	

FOR POLISHING
INFORMATION
SEE DETAIL
DRAWINGS

ISOMETRIC: SCALE 1:4
DOOR SHOWN IN OPEN
POSITION

REVDATE: 01/11/99	REVISION: ADD BALLONS 24 & 25		
REVDATE: 01/08/99	REVISION: UPD.DRAWING , DOOR CHANGED		
REVDATE: 09/30/98	REVISION: UPDATED SINCE LARGER ACCESS HOLE		
REVDATE: N/A	REVISION: N/A		
DATE: 05/28/97	INSTITUTE FOR ASTRONOMY		
DESIGN: STAHLBERGER	2680 WOODLAWN DR. HONOLULU, HI 96822		
DRAWN: STAHLBERGER	INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH		
APPR'D: J. RAYNER	PART NAME: ACTIVE SHIELD		
TOLERANCES			
X.X	+/-	.015	
X.XX	+/-	.005	
X.XXX	+/-	.002	
ANGLE	+/-	30 min	
FRACTION	+/-	1/32	
DRW NO: SC0-001B		SCALE: APPR 1/6	
SIZE: B	JOS NO: 725	SHEET: 2 OF 2	