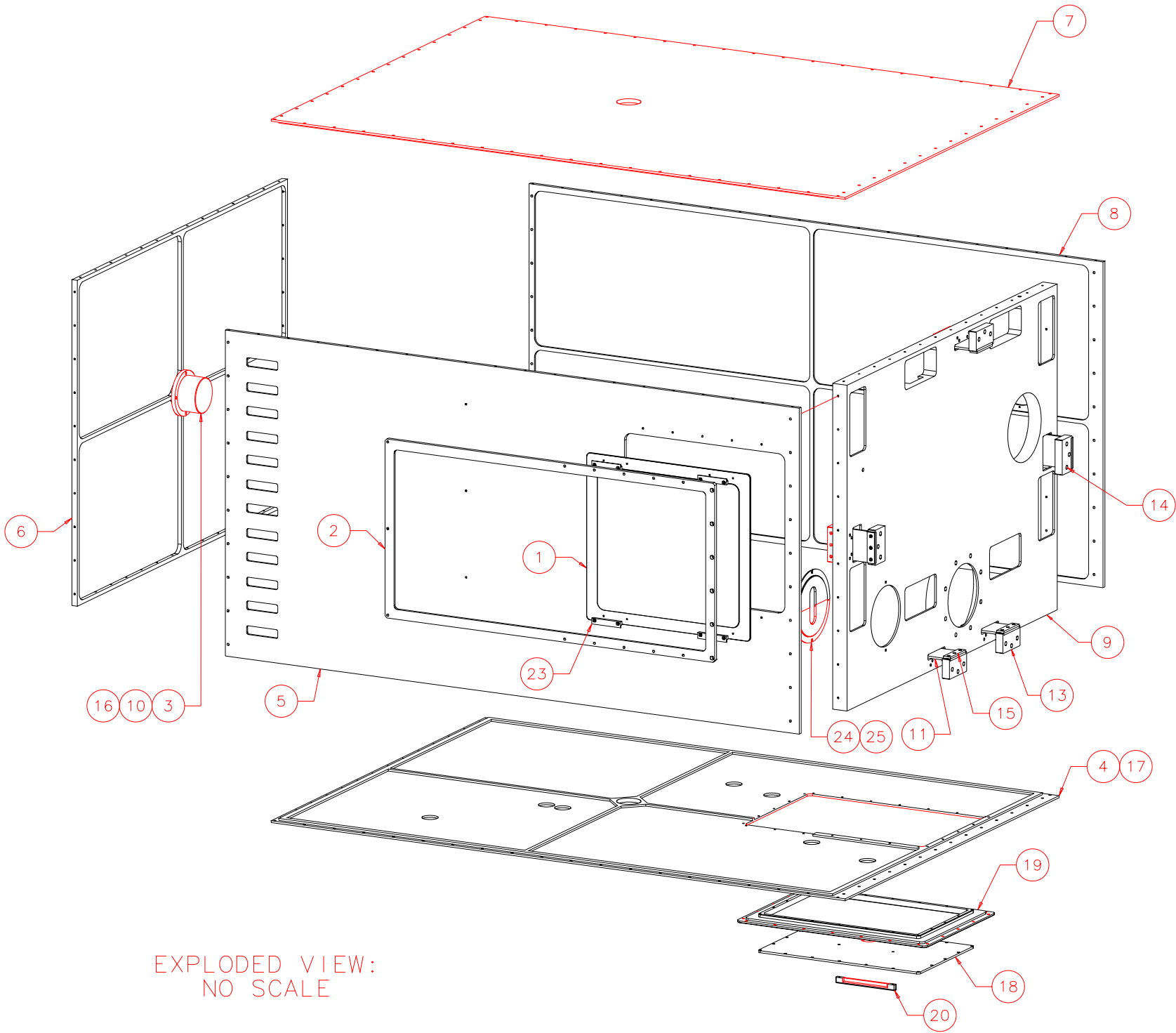


NOTES: UNLESS OTHERWISE NOTED
1. MACHINED SURFACE ROUGHNESS 64
O-RING GROOVES AND SURFACES 32
2. REMOVE ALL BURRS/SHARP CORNERS



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

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	TELESCOPE: IRTF
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: 1 OF 2