

NOTES: UNLESS OTHERWISE SPECIFIED:

1. **CAUTION:** THIS ASSEMBLY IS USED TO SUPPORT OPTICAL COMPONENTS. PRIOR TO INSTALLING OPTICS, CLEAN ALL GREASE, OIL, AND DEBRIS FROM NON-OPTICAL COMPONENTS INCLUDING THREADED HOLES. WASHING WITH SOAP AND WATER FOLLOWED BY SOLVENT SUCH AS ACETONE OR ETHANOL IS RECOMMENDED. WEAR CLEAN GLOVES WHEN HANDLING COMPONENTS AFTER CLEANING AND WHEN ASSEMBLING.
2. LIGHTLY COAT FASTENER THREADS WITH DOW CORNING 321 MOLY/GRAPHITE DRY LUBRICANT. REMOVE EXCESS LUBRICANT AND LET DRY. FAILURE TO LUBRICATE FASTENERS MAY CAUSE THREAD GALLING/SEIZING.
3. STORE ASSEMBLY IN CLEAN, DRY ENVIRONMENT UNTIL USE.
4. HIGH-LEVEL ASSEMBLY PROTOCOL (USE FASTENERS AS SPECIFIED IN THE PARTS LIST):

- A. MOUNT ITEM

1

1

 ON A WORKING BENCH.
- B. INSTALL ITEM

7

1

 ON ITEM

1

1

 .
- C. INSTALL ITEM

3

1

 THOUGHT OPENING SHOWING ON RIGHT.
- D. INSTALL ITEMS

4

1

 AND

5

1

 .
- E. INSTALL ITEM

9

1

 .
- F. INSTALL COVERS AND OTHER ITEMS, AS SHOWN.

NOTE: ITEM

10

14

 INSTALLED IN NEXT ASSEMBLY.

10

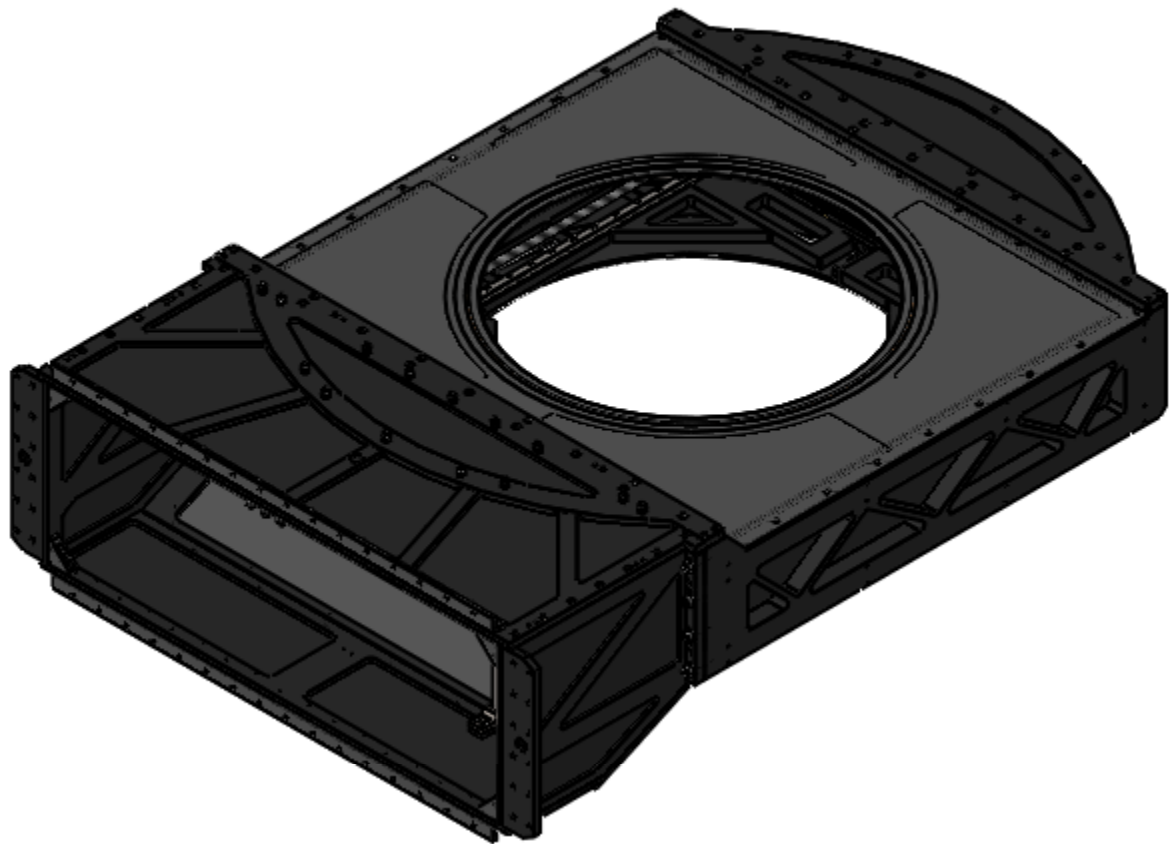
14

DETAIL C
SCALE 1 : 5

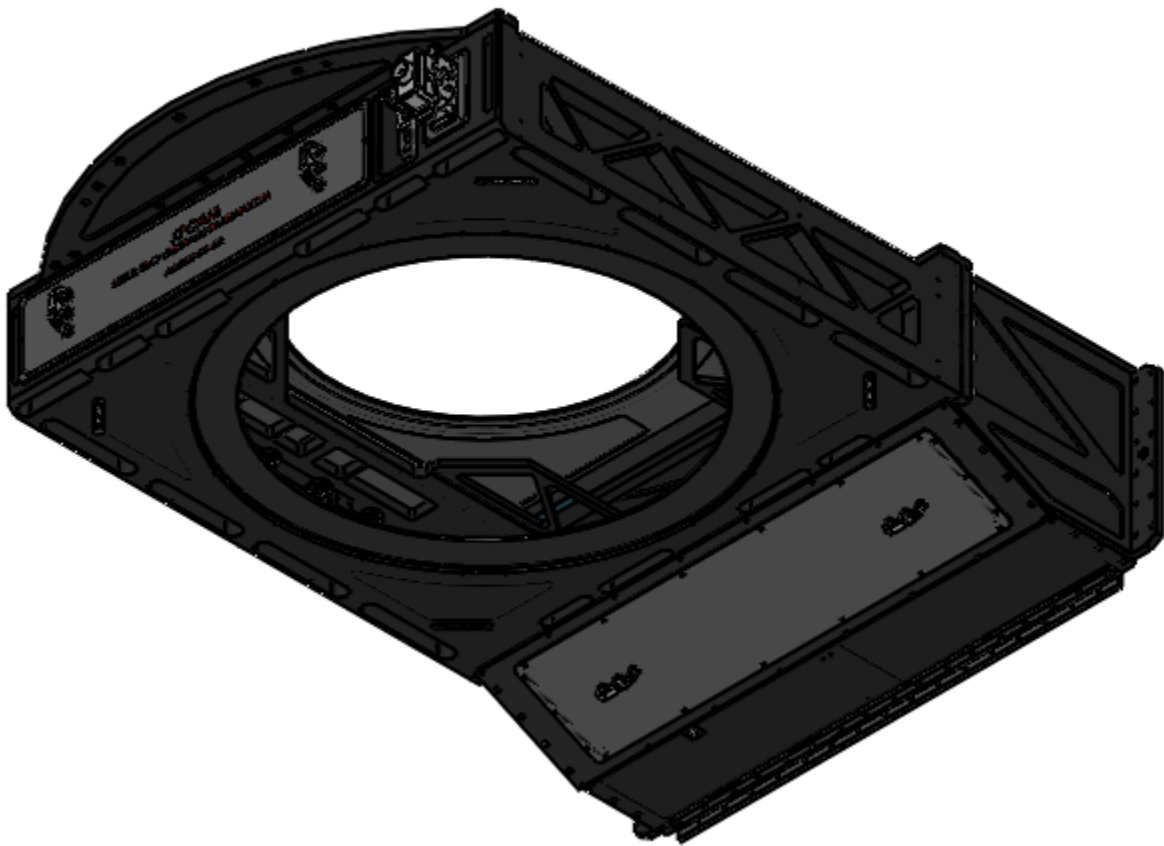
DETAIL D
SCALE 1 : 5

DETAIL A
SCALE 1 : 5

DETAIL B
SCALE 1 : 5



ISOMETRIC VIEWS



ITEM	QTY.	DESCRIPTION	NORM/DIMENSION/DRAWIN
1	1	FSU STRUCTURAL SUPPORT	JPC-500-DWG-0201-rev1.0
2	1	FILTER ACCESS COVER ASSY	JPC-500-DWG-0218-rev1.0
3	1	FILTER TRAY GUIDE RAIL ASSY	JPC-500-DWG-220-rev1.0
4	1	GUIDE RAIL AUX FLEX PLATE ASSY	JPC-500-DWG-0252-rev1.0
5	1	GUIDE RAIL AUX FIX PLATE ASSY	JPC-500-DWG-0258-rev1.0
6	1	FSU STRUCTURAL SUPPORT COVER	JPC-500-DWG-0262-rev1.0
7	1	N2 SEAL ASSEMBLY	JPC-500-DWG-0263-rev1.0
8	1	FSU CONNECTOR PANEL ASSY	JPC-500-DWG-0267-rev1.0
9	1	FILTER TRAY LOWER HARD STOP ASSY	JPC-500-DWG-0270-rev1.0
10	14	MOD SHCS - M8 x 1,25 x 35mm - SEALED	JPC-500-DWG-0459-rev1.0
11	1	MCMaster-CARR - FLEXIBLE SHAFT COUPLING 6-6mm DIA	2463K126
12	6	SDP-SI - CURVED SPRING WASHER - M5	MD0137MQA100
13	1	MCMasterCARR - BONN SHUTTER SOFT VITON O-RING	7643K75
14	16	SOCKET HEAD CAP SCREW	M3 x 0.5 x 8mm - DIN912
15	6	SOCKET HEAD CAP SCREW	M5 x 0.8 x 20mm - DIN912
16	32	FLAT-HEAD SC5	M3 x 0.5 x 8mm - DIN 7991
17	4	SOCKET HEAD CAP SCREW	M4 x 0.7 x 12mm - DIN 912
18	8	SOCKET HEAD CAP SCREW	M6 x 1.0 x 16mm - DIN912
ASTRO		SYSTEM/SUB-SYSTEM: OAJ T250 JPCam	SIZE: A2 DIMENSIONS: mm SCALE: 1:10
TOLERANCES UNLESS OTHERWISE NOTED: DIN 7168-4/R		MATERIAL/SIZE: SEE PART LIST	TITLE: FSU STRUCTURAL SUPPORT ASSY
NOTES: UNLESS OTHERWISE NOTED 1. DIMENSION LIMITS AFTER PLATING 2. DIMENSIONS ARE IN MILLIMETERS (mm) 3. REMOVE AL BURRS AND SHARP EDGES		SURFACE RUGHNESS: 3.2	DRAWING NO. JPC-500-DWG-0200-rev1.0
CHECKED	F.SANTORO	SIGN	OCT/2015
DESIGNED	F.SANTORO	SIGN	OCT/2015
DRAWN	F.LOURENÇO	SIGN	OCT/2015
REVIEWS	00	QTY.: 01	DENSITY: N/A
		MASS: 91.58kg	MEDIA FILE: JPC-500-DWG-0200
			SHEET: 01/01