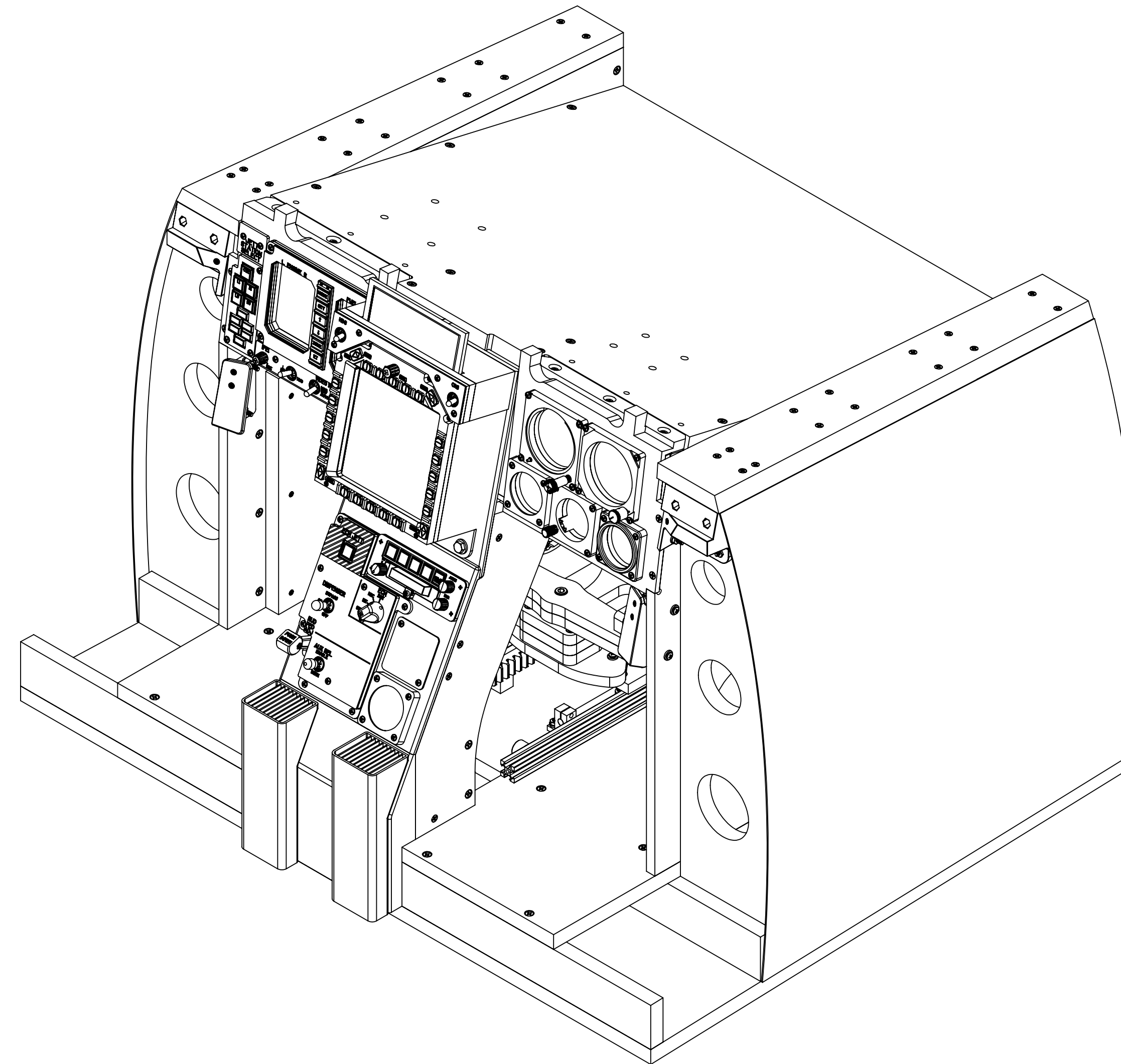


**NOTES: UNLESS OTHERWISE SPECIFIED (UOS)**

1. ALL ITEMS DEPICTED ON THIS DRAWING ARE CRITICAL TO THE FUNCTION OF THIS PART. ALL DIMENSIONS NOT DEPICTED ARE CONTAINED WITHIN THE FOLLOWING INTERMEDIATE FILES:  
 -[APPLICABLE DASH]: OH2A1-[APPLICABLE DASH] - [APPLICABLE DESCRIPTION].STL (PRINTED PARTS)  
 -[APPLICABLE DASH(S)]: OH2A1-1\_SH[SHEET #]\_[SHEET THICKNESS]\_ACRYLIC.DXF (ACRYLIC CNC PARTS)  
 -[APPLICABLE DASH(S)]: OH2A1-1\_SH[SHEET #]\_[SHEET THICKNESS]\_ABS.DXF (ABS CNC PARTS)
2. SEAL/SAND/PRIME/PAINT ALL EXTERNAL SURFACES FS36231, DARK GULL GREY IAW FINISH SPECIFICATION, EXCEPT WHERE OTHERWISE NOTED. MASK ALL THREADS AND HOLES.


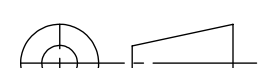

CAD GENERATED DOCUMENT. ALL  
CHANGES MAY ONLY BE MADE  
WITHIN NATIVE CAD FILE. REVISION  
HISTORY CONTAINED WITHIN PDM  
REPOSITORY.

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
	-	INITIAL RELEASE	04/19/2020



-1

SEE PARTS LIST ON SHEET 2

		THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED:		UOS INCH TOLERANCES ARE:		<div><div><div>OPEN HORNET</div><div><a href="https://www.OpenHornet.com">https://www.OpenHornet.com</a></div></div></div>	
				DIMENSIONS ARE IN INCHES.		DECIMALS: ANGLES:		<div><div>TITLE</div><div>ASSY, LOWER INSTRUMENT PANEL</div></div>	
				DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.		X ± .1 MACHINED ±0°30'			
		APPROVALS		DATE		.XX ± .03 LOCATING ±0°30'			
		DRAWN		04/19/2020		.XXX ± .010 FORMED ±2°			
		MATERIAL		SEE PARTS LIST		CHAMFERS ±5°			
		FINISH		SEE FINISH SPEC		HOLE DIAMETERS:			
						0 - .0140: +.0020 / -.0005			
						.014 - .125: +.004 / -.001			
						.126 - .250: +.005 / -.001			
						.251 - .500: +.006 / -.001			
						.501 - .750: +.008 / -.001			
						.751 - 1.000: +.010 / -.001			
						1.001 - 2.000: +.012 / -.001			
						2.000+: +.015 / -.005			
OH0A	TOP LEVEL			REMOVE ALL BURRS AND SHARP EDGES TO .1 MAX.		DIMENSIONS APPLY BEFORE FINISH.			
NEXT ASSY	USED ON	<div><div></div><div>BY NC SA</div></div>							
APPLICATION								SIZE DWG NO. REV.	
								D OH2A1 -	
								SCALE SHEET	
								NONE 1 OF 8	

PARTS LIST						
QTY.	PART NUMBER	DESCRIPTION	MATERIAL	MFR	TYPE	ITEM NO.
2	OH2A1-10	STANDBY INSTRUMENT MODULE MOUNTING BRACKET	PETG	OPENHORNET	PRINT	1
1	OH2A1-11	LOWER CENTER PEDESTAL FACE	PETG	OPENHORNET	PRINT	2
1	OH2A1-12	UPPER CENTER PEDESTAL FACE	PETG	OPENHORNET	PRINT	3
1	OH2A1-13	UPPER CENTER PEDESTAL AMPCD TRIM	.125 ACRYLIC	OPENHORNET	CNC	4
4	OH2A1-14	RUDDER GANTRY RACKSPUR	PETG	OPENHORNET	PRINT	5
1	OH2A1-15	RUDDER PEDAL ADJUST KNOB	PETG	OPENHORNET	PRINT	6
1	OH2A1-16	RUDDER PEDAL ADJUST LEVER	PETG	OPENHORNET	PRINT	7
1	OH2A1-17	CLOCK COVER	.125 ACRYLIC	OPENHORNET	CNC	8
1	OH2A1-18	LIP R EXT SKIN	.125 ABS	OPENHORNET	CNC	9
1	OH2A1-19	LIP L EXT SKIN	.125 ABS	OPENHORNET	CNC	10
1	OH2A1A1-1	LOWER INSTRUMENT PANEL STRUCTURE	ASSY	OPENHORNET	ASSY	11
1	OH2A1A2-1	RUDDER PEDAL GANTRY CARRIAGE	ASSY	OPENHORNET	ASSY	12
1	OH2A2-1	LEFT LIP MODULE	ASSY	OPENHORNET	ASSY	13
1	OH2A3-1	AMPCD-HDG-CRS MODULE	ASSY	OPENHORNET	ASSY	14
1	OH2A4-1	RWR CONTROL PANEL	ASSY	OPENHORNET	ASSY	15
1	OH2A5-1	DISP - EMC PANEL	ASSY	OPENHORNET	ASSY	16
1	OH2A6-1	CABIN PRESSURE INDICATOR	ASSY	OPENHORNET	ASSY	17
1	OH2A7-1	STANDBY INSTRUMENT MODULE	ASSY	OPENHORNET	ASSY	18
6	91249A197	PHS, 8-32 X .750, 18-8, BLACK OXIDE	18-8	MCMaster-CARR	COTS	19
6	91249A151	PHS, 6-32 X .625, 18-8, BLACK-OXIDE	18-8	MCMaster-CARR	COTS	20
11	91249A148	PHS, 6-32 X .500, 18-8, BLACK-OXIDE	18-8	MCMaster-CARR	COTS	21
12	90471A436	FHS, 100 DEG, 8-32 X 1.25 L, STEEL	STEEL	MCMaster-CARR	COTS	22
4	90471A436	FHS, 100 DEG, 8-32 X 1.25, STEEL, ZINC	STEEL	McMaster-Carr	COTS	23
9	90471A435	FHS, 100 DEG, 8-32 X .625, STEEL, ZINC	STEEL	MCMaster-CARR	COTS	24
1	90471A223	FHS, 100 DEG, 6-32 X .750, STEEL	STEEL	MCMaster-CARR	COTS	25
1	90273A157	FHS, 82 DEG, 6-32 X 1.50, STEEL, ZINC	STEEL	MCMaster-CARR	COTS	26
2	91771A119	FHS, 82 DEG, 4-40 X 1.50, 18-8	18-8	MCMaster-CARR	COTS	27
2	91771A141	FHS, 82 DEG, 2-56 X 1.25, 18-8	18-8	MCMaster-CARR	COTS	28
8	91292A194	SHCS, M5-0.8 X 40MM, 18-8	18-8	McMaster-Carr	COTS	29
4	91290A117	SHCS, M3-0.5 X 12MM, 12.9 ALLOY, BLK	12.9 ALLOY	McMaster-Carr	COTS	30
4	91309A542	HHCS, .25-20 X 1.00, STEEL, ZINC	STEEL	MCMaster-CARR	COTS	31
8	90126A029	WASHER, .25 SCREW, .281 ID X .625 OD, STEEL, ZINC	STEEL	MCMaster-CARR	COTS	32
10	98023A113	WASHER, #8, .188 ID X .438 OD, STEEL, ZINC YELLOW-CHROMATE	STEEL	MCMaster-CARR	COTS	33
4	90618A200	WASHER, #4, 18-8, BLK	18-8	MCMaster-CARR	COTS	34
2	92141A008	WASHER, #6, 18-8	18-8	MCMaster-CARR	COTS	35
4	93475A210	WASHER, M3 X 7MM OD, 18-8	18-8	McMaster-Carr	COTS	36
4	91078A029	NUT, THIN, .25-20, STEEL, ZINC	STEEL	MCMaster-CARR	COTS	37
10	90480A009	NUT, 8-32, STEEL, ZINC	STEEL	MCMaster-CARR	COTS	38
6	91841A009	NUT, JAM, 8-32, 18-8	18-8	MCMaster-CARR	COTS	39
6	90760A007	NUT, 6-32, JAM, STEEL, ZINC-PLATED	STEEL	MCMaster-CARR	COTS	40
2	91841A005	NUT, 4-40, 18-8	18-8	MCMaster-CARR	COTS	41
2	95130A105	NUT, JAM, 2-56 X .15625 HEX, BRASS	BRASS	MCMaster-CARR	COTS	42
15	93365A130	INSERT, 6-32, HEAT SET, BRASS	BRASS	MCMaster-CARR	COTS	43
8	94639A201	SPACER, UNTHREADED, #4 X .25 OD X .25 L, NYLON	NYLON	MCMaster-CARR	COTS	44
4	9540K736	BUMPER, NO THD, .75 OD X .50 T X .1406 THRU, RUBBER	RUBBER	McMaster-Carr	COTS	45
1	9654K103	SPRING, EXTENSION, 1.50 L X .188 OD, .023 WIRE DIA, 1.9 LBS/IN, STEEL	STEEL	MCMaster-CARR	COTS	46
4	9657K458	SPRING, COMPRESSION, 3.50 L X 1.219 OD X 1.029 ID, STEEL	STEEL	McMaster-Carr	COTS	47
1	7779K520	SWITCH, MINIATURE, SNAP ACTION, ROLLER LEVER	N/A	MCMaster-CARR	COTS	48
1	57155K371	BEARING, R155-2Z, ABEC-5, 440 SS, 5/32" SHFT DIA X 5/16" HOUSING	STEEL	MCMaster-CARR	COTS	49
2	819368020083	V-SLOT 20X20X500 LINEAR RAIL, BLACK	6061-T6	OPENBUILDS	COTS	50
8	819368021646	M5 TEE NUT	STEEL	OPENBUILDS	COTS	51
4	819368023510	M3 TEE NUT	STEEL	OPENBUILDS	COTS	52
1	BC8406	8mm X 406mm LINEAR ROD	STEEL	AMAZON	COTS	53
2	SK8	8mm LINEAR ROD HOLDER	STEEL	AMAZON	COTS	54





**OPEN HORNET**  
<https://www.OpenHornet.com>

SIZE  
D

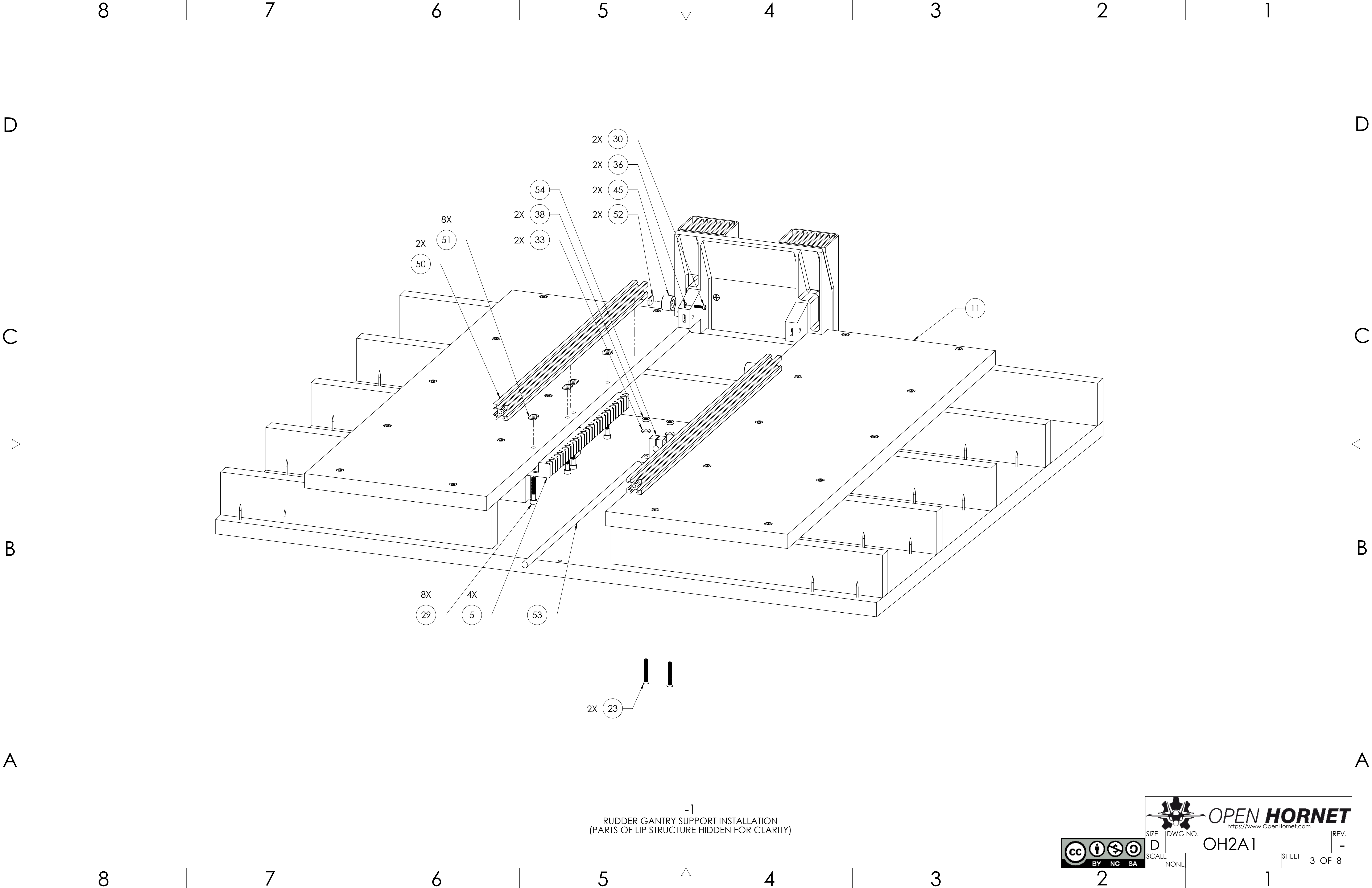
DWG NO.  
OH2A1

REV.  
-

SCALE  
NONE

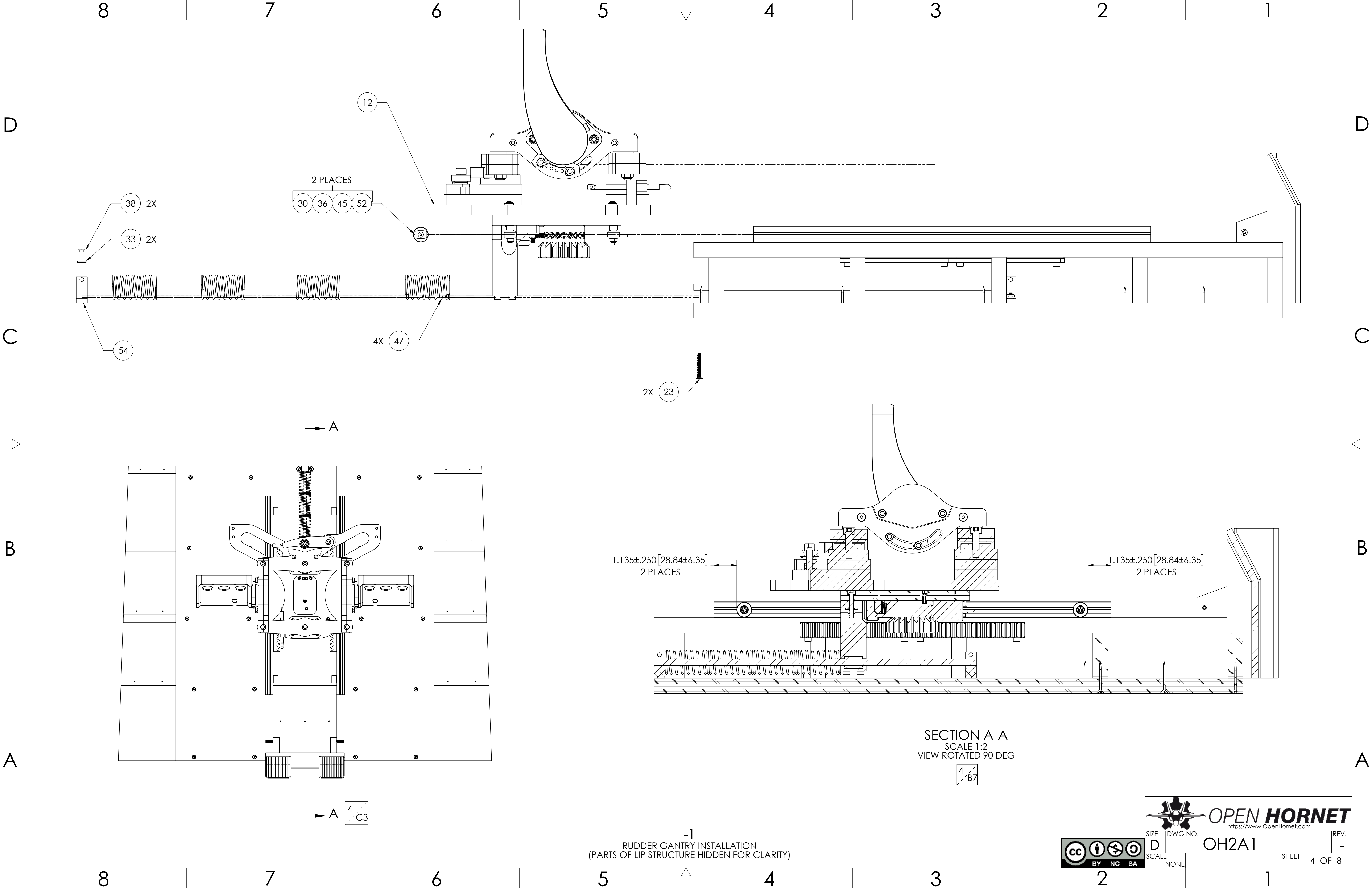
SHEET  
2 OF 8



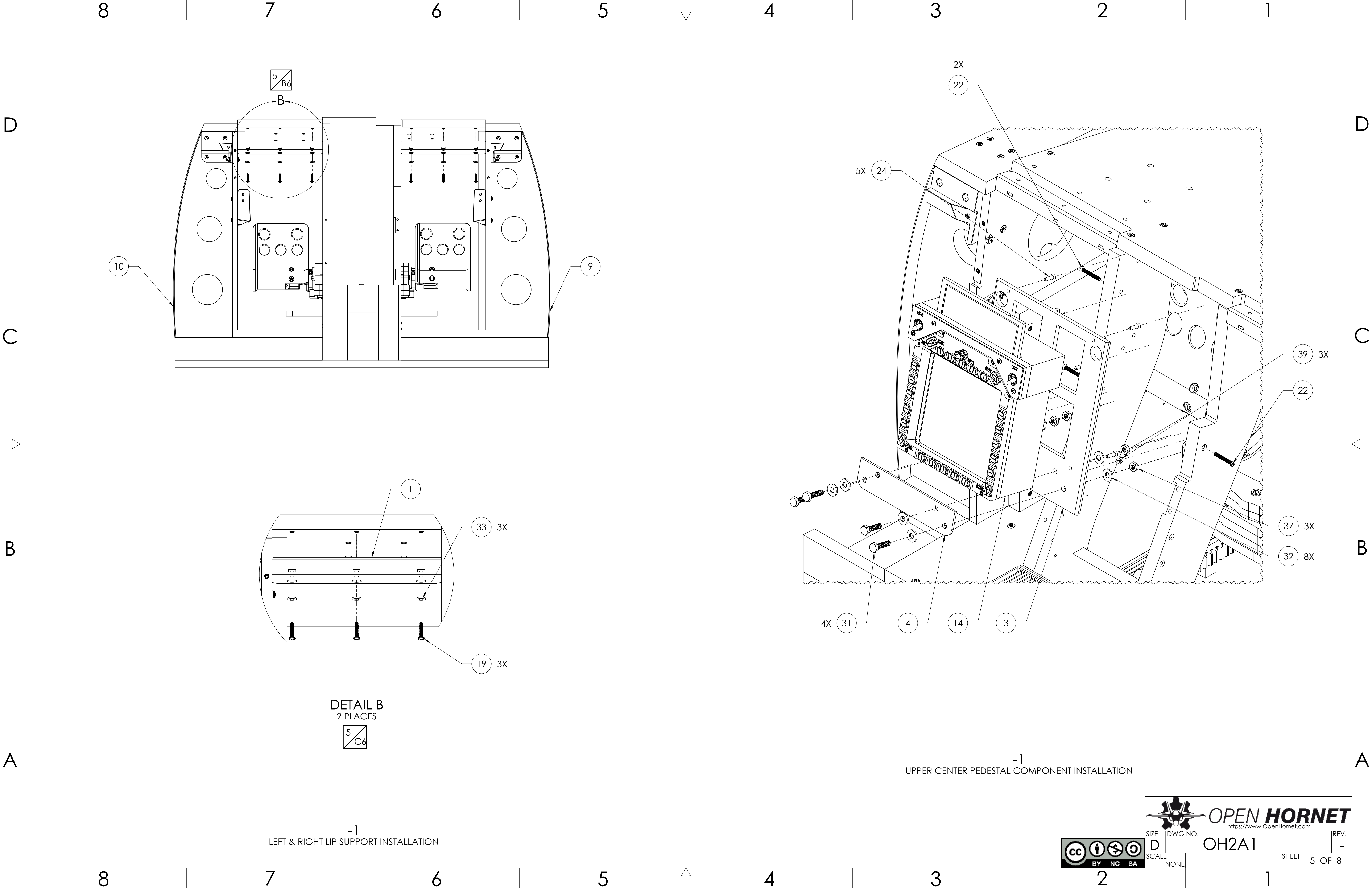


-1  
RUDDER GANTRY SUPPORT INSTALLATION  
(PARTS OF LIP STRUCTURE HIDDEN FOR CLARITY)

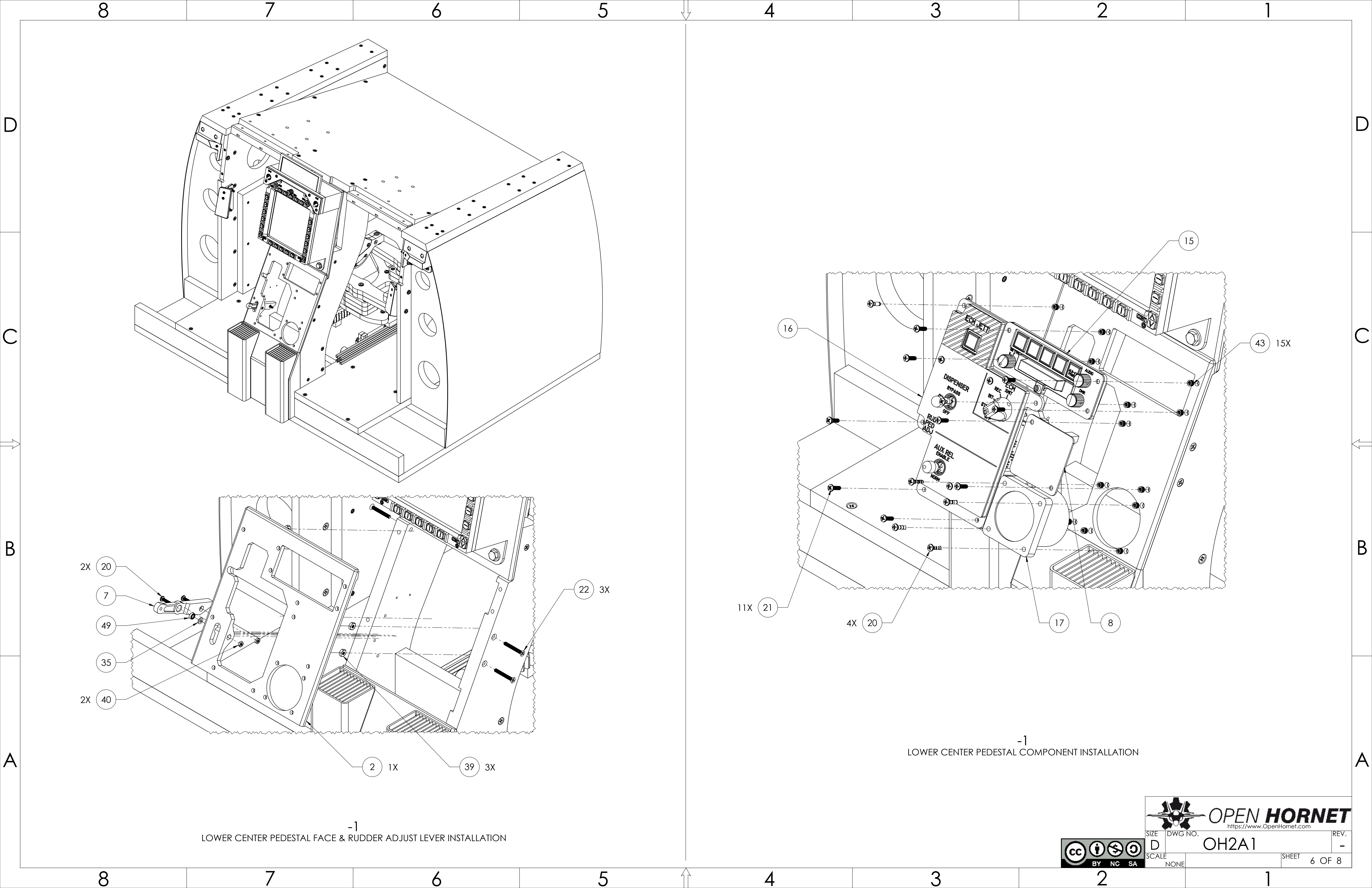










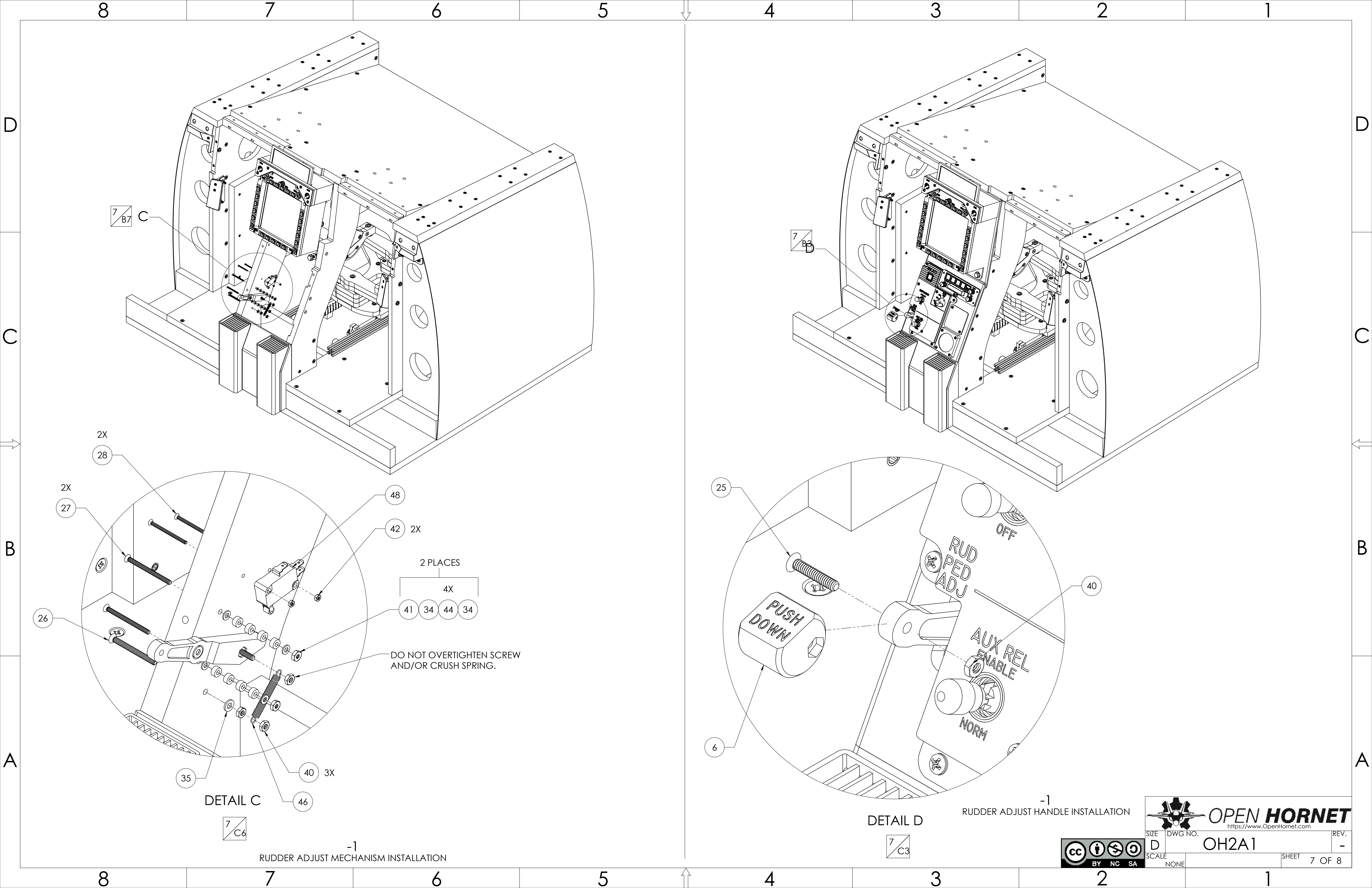


-1  
LOWER CENTER PEDESTAL FACE & RUDDER ADJUST LEVER INSTALLATION

-1  
LOWER CENTER PEDESTAL COMPONENT INSTALLATION



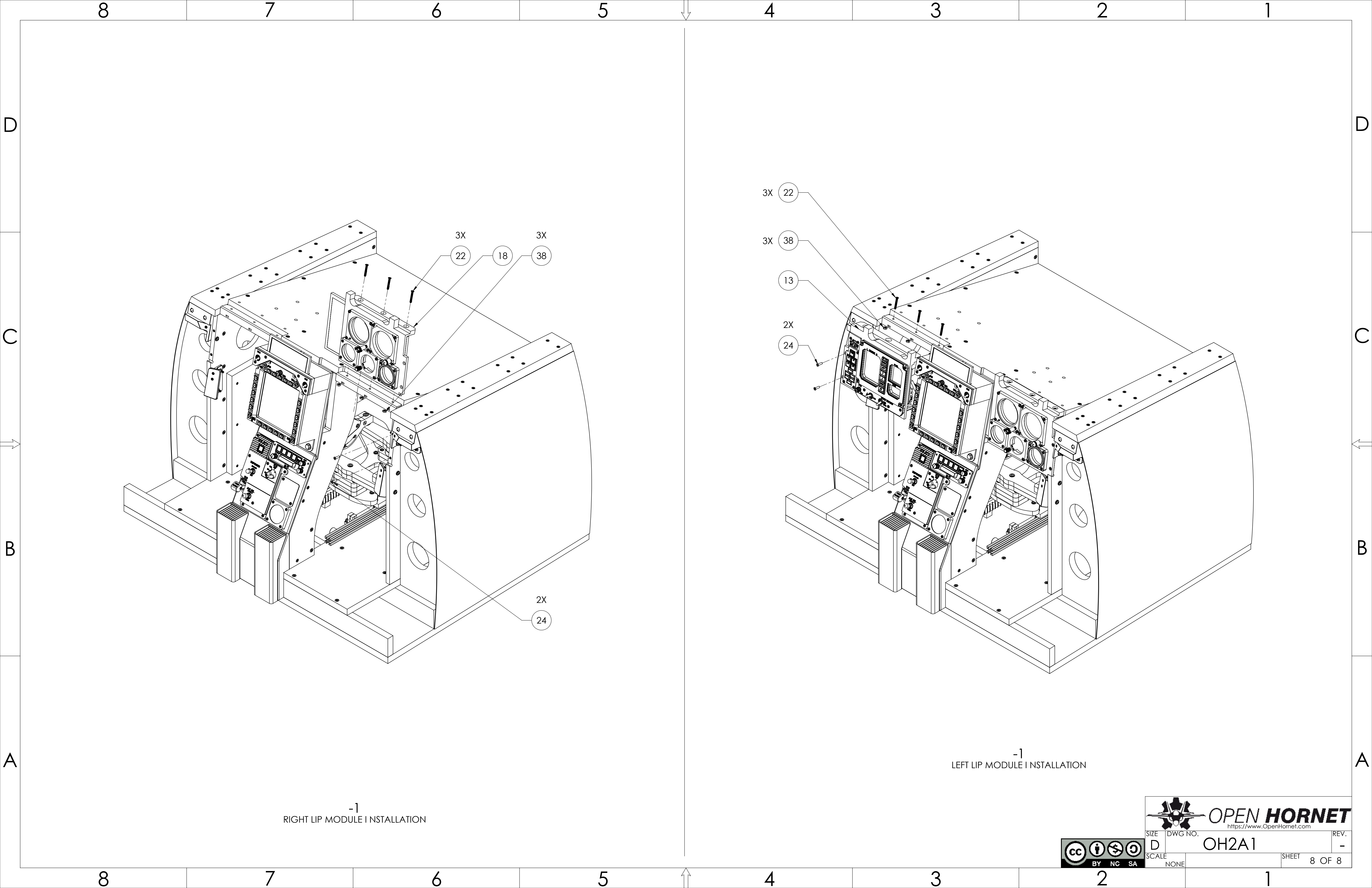




-1  
RUDDER ADJUST MECHANISM INSTALLATION

-1  
RUDDER ADJUST HANDLE INSTALLATION





-1  
RIGHT LIP MODULE I NSTALLATION

-1  
LEFT LIP MODULE I NSTALLATION

