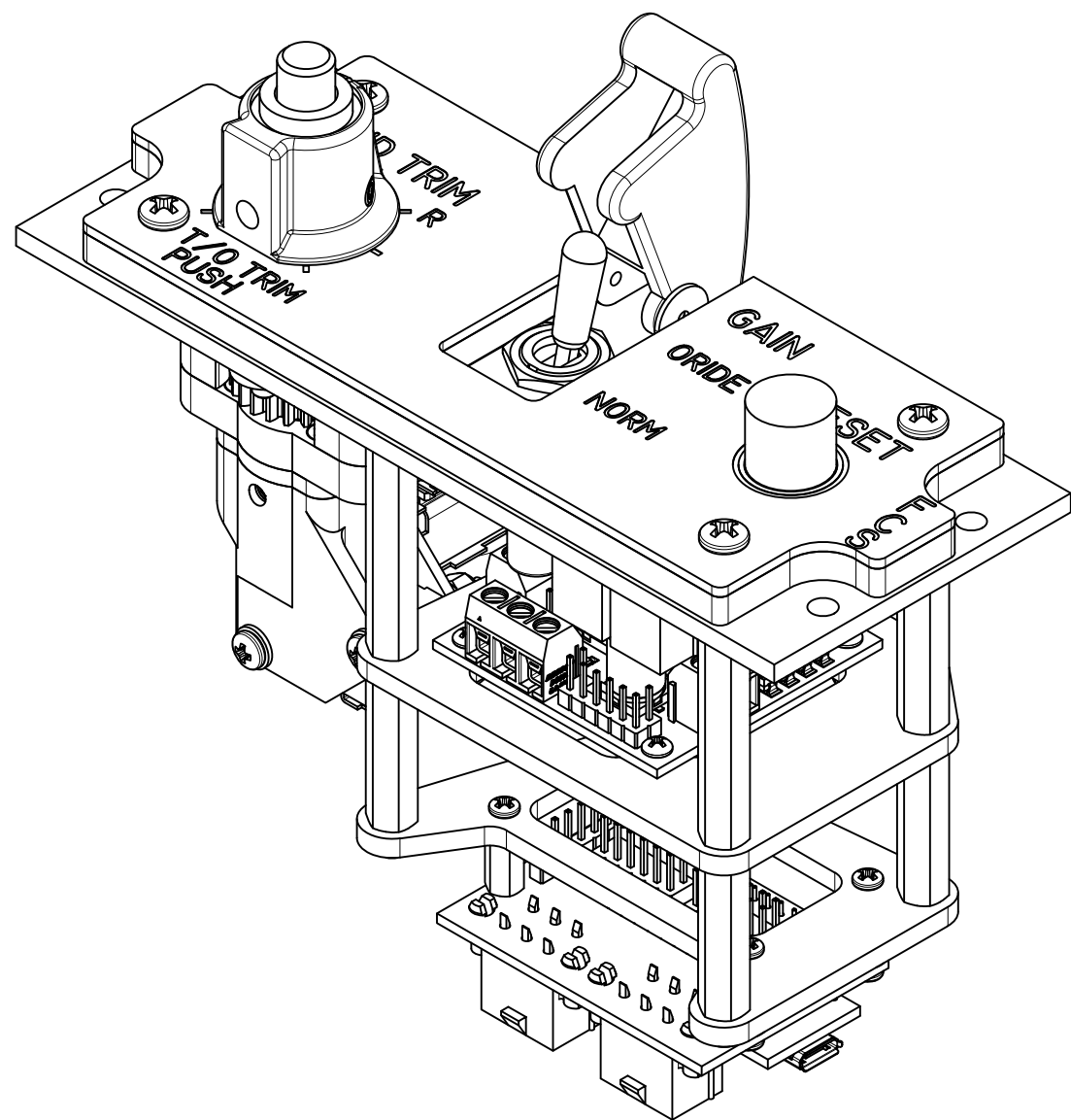
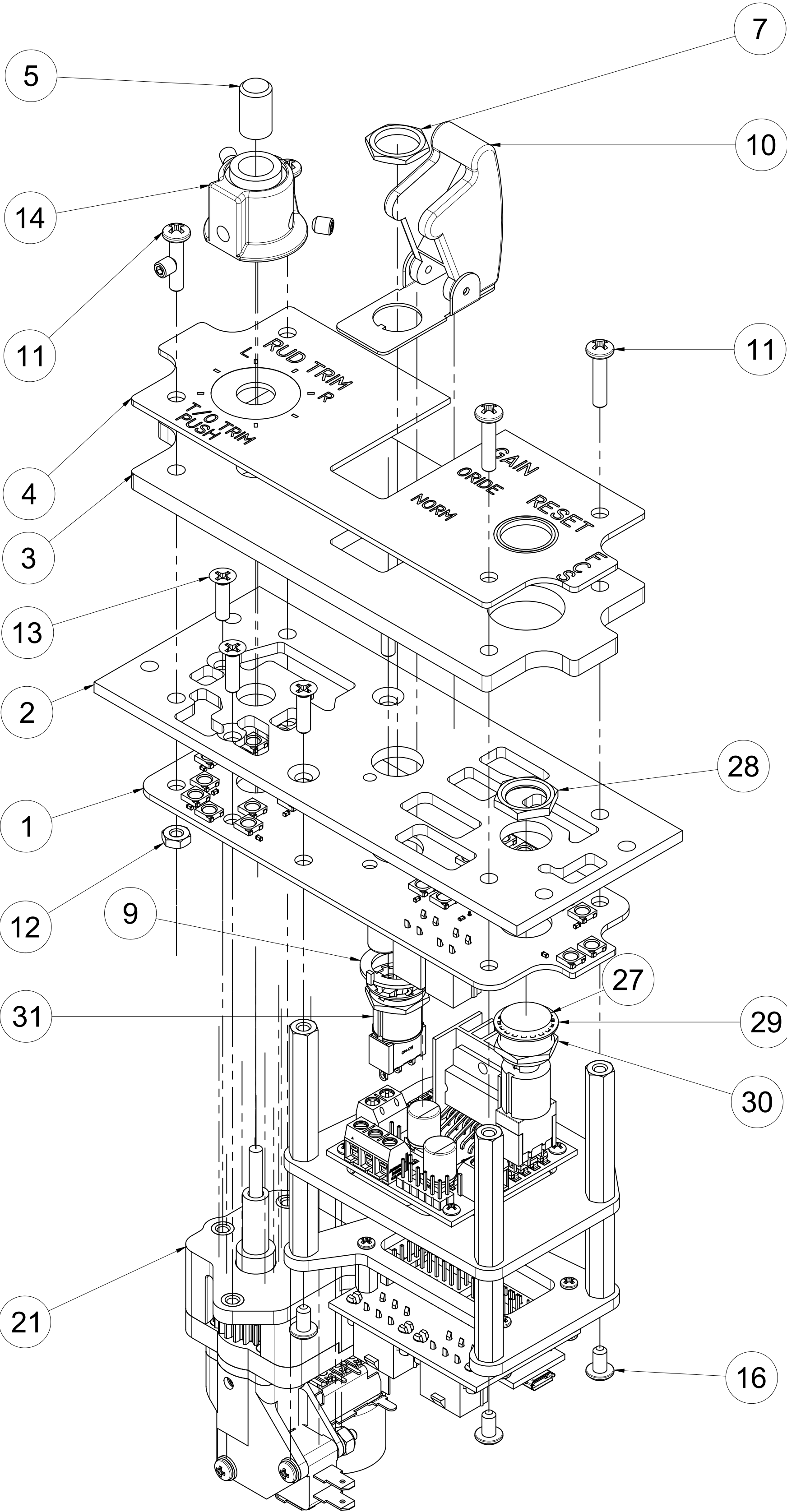


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. SPECIFICATIONS AND DOCUMENTS:
1.1. PANEL CONSTRUCTION SHALL BE IAW OH-SPEC-001, PANEL TYPE A, METHOD 1.
1.2. ELECTRICAL CONNECTIONS SHALL BE IAW OH-INTERCONNECT.
2. ALL ITEMS NOT EXPLICITLY DEFINED IN THIS DRAWING ARE DEFINED BY THE MASTER CAD MODELS.
ALL DIMENSIONS NOT DEFINED ON THIS DRAWING ARE CONTAINED WITHIN THE FOLLOWING MANUFACTURING FILES:
2.1. FLAT PARTS: <MATERIAL> <MATERIAL COLOR, IF APPLICABLE> <THICKNESS, IN DECIMAL INCHES> <PN> <DESCRIPTION> <REV>_V<VERSION NUMBER OF MODEL>.SVG
2.2. FDM 3D PRINTED PARTS: FDM_<PN> <DESCRIPTION> <REV>_V<VERSION # OF MODEL>.3MF
2.3. RESIN 3D PRINTED PARTS: RESN_<PN> <DESCRIPTION>_<REV>_V<VERSION # OF MODEL>.3MF
3. FN 5, 8, 10, 15, 29, 30, & 31 ARE INCLUDED WITH THEIR RESPECTIVE SWITCHES, AND SHOULD NOT BE ORDERED SEPARATELY.



-1 ISO



-1 ASSY
SCALE 1.2:1

31	1	100SP1T8B13M1QE	SWITCH, TOGGLE, ON-ON, SPDT, 2-POSN, 18MM BAT	N/A
30	1	AT527M	BOTTOM NUT (PO MB2011SB1W01)	SS
29	1	AT508	LOCK WASHER (PO MB2011SB1W01)	SS
28	1	AT503M	TOP NUT (PO MB2011SB1W01)	SS
27	1	MB2011SB1W01	SWITCH, PUSHBUTTON, ON-(ON), NKK	N/A
26	4	90272A079	PHS, #2-56 X .375, STEEL	STL
25	4	95130A105	NUT, #2-56, NARROW, BRASS	BRS
24	3	93505A446	STANDOFF, #6-32 X 1.00, .25 HEX, MALE-FEMALE, ALUMINUM	ALU
23	1	OH4A6A1-20	FCS H-BRIDGE ADAPTER	PETG
22	1	GENERIC	L298N DUAL DC MOTOR DRIVER	N/A
21	1	OH4A6A1-100	RUDDER TRIM MECHANISM	
20	1	ABSIS001	ASSY, ABSIS ALE	N/A
19	8	94070A076	PHS, #2-56 X .1875, BRASS	BRS
18	4	91780A105	STANDOFF, #2-56 X .375, .1875 HEX, FEMALE, ALUMINUM	ALU
17	1	OH4A6A1-19	FCS ABSIS ADAPTER PLATE	ACRL
16	3	90272A144	PHS, #6-32 X 0.250, STEEL	STL
15	3	91780A337	STANDOFF, #6-32 X 1.50, .25 HEX, FEMALE, ALUMINUM	ALU
14	1	OHC0003-A-4RUDGB3	ASSY, KNOB, RUDDER TRIM	
13	4	90471A220	FHS, 100DEG, #6-32 X .500, STEEL	STL
12	1	90760A007	NUT, JAM, #6-32, STEEL	STL
11	4	91249A151	PHS, #6-32 X .625, 18-8, BLK	SS
10	1	MS25224-1	GUARD, TOGGLE SWITCH, RED	N/A
9	1	HDW17	LOCKING RING FOR SWITCH, B13	N/A
8	1	HDW12	LOCK WASHER FOR SWITCH, B13	N/A
7	2	HDW4	HEX NUT FOR SWITCH, 15/32-32NS	N/A
6	1	PNP8S2T2Y03QE	C&K PUSHBUTTON	N/A
5	1	OH4A6A1-15	T_O TRIM BUTTON	RESN
4	1	OH4A6A1-13	FCS PANEL LEGEND PLATE	RMRK
3	1	OH4A6A1-12	FCS PANEL LIGHTPLATE	ACRL
2	1	OH4A6A1-11	FCS PANEL BACKPLATE	ACRL
1	1	OH4A6A1-10	FCS PANEL PCB V2	N/A

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				
UNLESS OTHERWISE SPECIFIED:		UOS INCH TOLERANCES ARE:		
DIMENSIONS ARE IN INCHES.		DECIMALS:	ANGLES:	
DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.		.X ± .1	MACHINED ± .5°	
INTERPRET DRAWING IAW ASME Y14.100-2017.		.XX ± .03	LOCATING ± .5°	
INTERPRET DIM AND TOL IAW ASME Y14.5-2009.		.XXX ± .010	FORMED ± 2°	
REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.			CHAMFERS ± .5°	
DIMENSIONS APPLY BEFORE FINISH.		DRILLED HOLE DIAMETERS:		
		.0135 - .125: +.004/-0.001		
		.126 - .250: +.005/-0.001		
		.251 - .500: +.006/-0.001		
		.501 - .750: +.008/-0.001		
		.751 - 1.000: +.010/-0.001		
		1.001 - 2.000: +.012/-0.001		
DESIGNED	E. SCOTT	4/12/2023		
CHECKED	J. STEENSEN	4/12/2023		
DRAWN	B. LAZARUS	4/12/2023		
SIZE	D	DWG NO	OH4A6A1-1	REV -
SCALE	1:1	DO NOT SCALE DWG	SHEET	1/2



TITLE
OH4A6A1-1 - ASSY, FCS PANEL

LEFT CONSOLE

