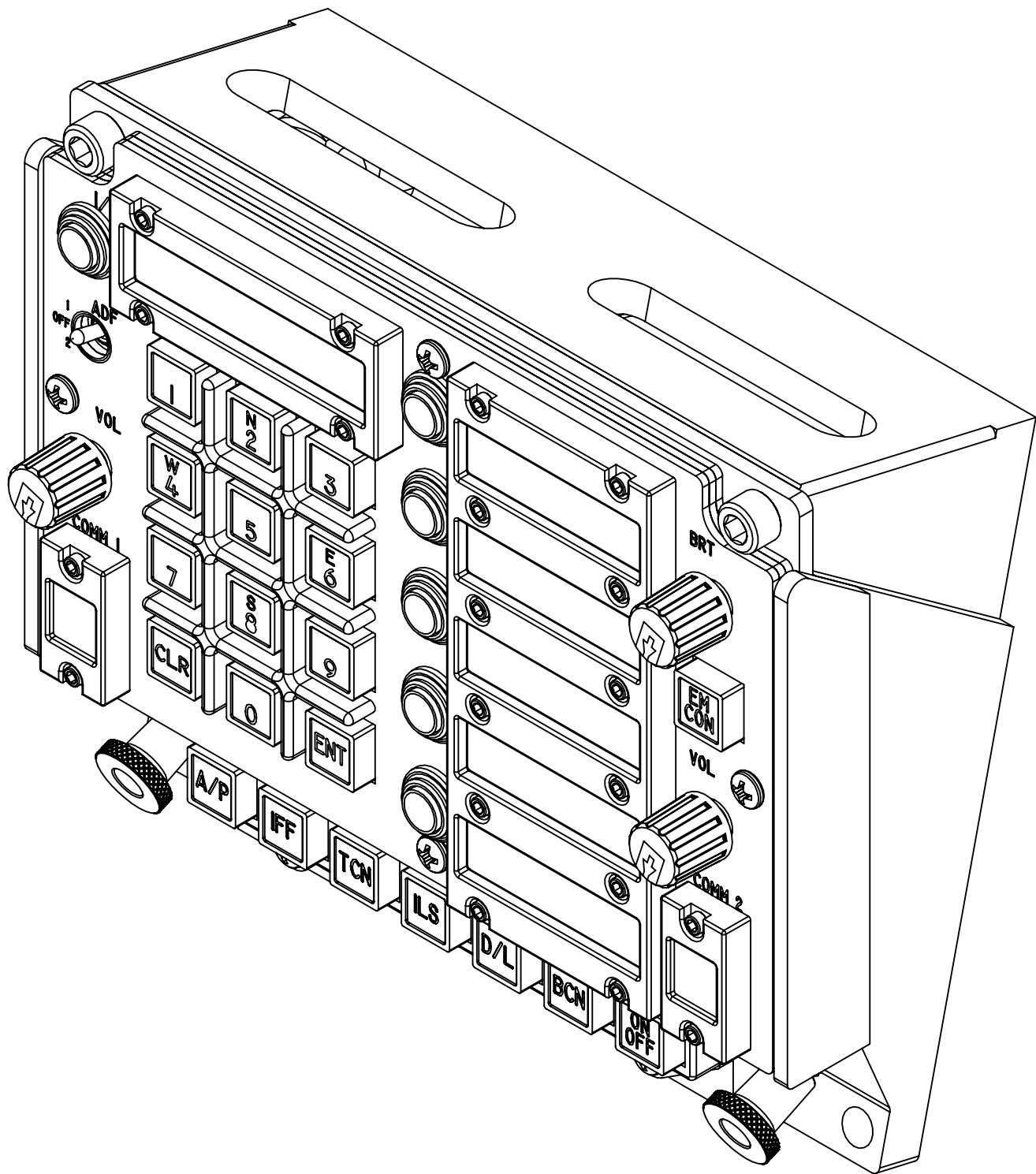


NOTES: UNLESS OTHERWISE SPECIFIED (UOS)

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]: OH1A8A1A-[APPLICABLE DASH].STL (PRINTED PARTS)
-[APPLICABLE DASH]: OH1A-LEGENDS.DXF (LEGEND PLATES)
-[APPLICABLE DASH]: OH1A-LIGHTPLATES.DXF (LIGHT PLATES)
-[APPLICABLE DASH]: OH1A-BACKPLATES.DXF (BACKPLATES)
2.
- SAND/PRIME/PAINT ALL EXTERNAL PARTS IAW FINISH SPECIFICATION.
2X PRIME COAT(S)/2X TOPCOAT(S). MASK ALL THREADS AND HOLES.


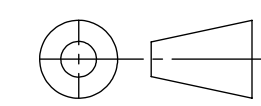



-1

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	11/15/2019

QTY.	PART NUMBER	DESCRIPTION	MATERIAL	MFR	TYPE	ITEM NO.
1	OH1A8A1A-10	UFC PANEL SUPPORT STRUCTURE	PETG		PRINT	1
1	OH1A8A1A-11	UFC LEGEND PLATE	ROWMARK 322402		CNC	2
1	OH1A8A1A-12	UFC INNER SPACER PLATE	ACRYLIC/PETG		PRINT	3
1	OH1A8A1A-13	UFC OUTER SPACER PLATE	ACRYLIC/PETG		PRINT	4
1	OH1A8A1A-14	UFC FINGER GUARD	PETG		PRINT	5
1	OH1A8A1A-15	UFC BACKPLATE	ACRYLIC/PETG		PRINT	6
2	OH1A8A1A-16	FWD UFC GUARD	PETG		PRINT	7
2	OH1A8A1A-17	UFC COMM KNOB	PETG		PRINT	8
2	OH1A8A1A-18	UFC COMM BEZEL	PETG		PRINT	9
2	OH1A8A1A-19	UFC COMM BEZEL DIFFUSER	GREEN FILM		CUT	10
2	OH1A8A1A-20	UFC COMM BEZEL GUARD	.0625 TRANSPARENT ACRYLIC		CNC	11
1	OH1A8A1A-21	UFC OPT BEZEL	PETG		PRINT	12
5	OH1A8A1A-22	UFC OPT BEZEL DIFFUSER	GREEN FILM		CUT	13
5	OH1A8A1A-23	UFC OPT BEZEL GUARD	.0625 TRANSPARENT ACRYLIC		CNC	14
1	OH1A8A1A-24	UFC SCRATCHPAD BEZEL	PETG		PRINT	15
1	OH1A8A1A-25	UFC SCRATCHPAD BEZEL DIFFUSER	GREEN FILM		CUT	16
1	OH1A8A1A-26	UFC SCRATCHPAD BEZEL GUARD	.0625 TRANSPARENT ACRYLIC		CNC	17
13	OH1A8A1A-27	UFC SQUARE BUTTON	PETG		PRINT	18
6	OH1A8A1A-28	UFC ROUND BUTTON	PETG		PRINT	19
1	OH1A8A1A-29	UFC SQUARE BUTTON LEGEND, 1	ROWMARK 322402		CNC	20
1	OH1A8A1A-30	UFC SQUARE BUTTON LEGEND, EMCON	ROWMARK 322402		CNC	21
1	OH1A8A1A-31	UFC SQUARE BUTTON LEGEND, 4	ROWMARK 322402		CNC	22
1	OH1A8A1A-32	UFC SQUARE BUTTON LEGEND, 7	ROWMARK 322402		CNC	23
1	OH1A8A1A-33	UFC SQUARE BUTTON LEGEND, CLR	ROWMARK 322402		CNC	24
1	OH1A8A1A-34	UFC SQUARE BUTTON LEGEND, 2	ROWMARK 322402		CNC	25
1	OH1A8A1A-35	UFC SQUARE BUTTON LEGEND, 5	ROWMARK 322402		CNC	26
1	OH1A8A1A-36	UFC SQUARE BUTTON LEGEND, 8	ROWMARK 322402		CNC	27
1	OH1A8A1A-37	UFC SQUARE BUTTON LEGEND, 0	ROWMARK 322402		CNC	28
1	OH1A8A1A-38	UFC SQUARE BUTTON LEGEND, 3	ROWMARK 322402		CNC	29
1	OH1A8A1A-39	UFC SQUARE BUTTON LEGEND, 6	ROWMARK 322402		CNC	30
1	OH1A8A1A-40	UFC SQUARE BUTTON LEGEND, 9	ROWMARK 322402		CNC	31
1	OH1A8A1A-41	UFC SQUARE BUTTON LEGEND, ENT	ROWMARK 322402		CNC	32
6	OH1A8A1A-42	UFC ROUND BUTTON LEGEND	ROWMARK 322402		CNC	33
6	OH1A8A1A-43	UFC ROUND BUTTON GUARD	PETG		PRINT	34
3	OH1A8A1A-44	UFC MS21382-0XNX	PETG		PRINT	35
1	OH1A8A1A-45	UFC PCB	PCB		PCB	36
1	OH1A8A3A-1	AP SWITCH MODULE	N/A		ASSY	37
1	ER-OLEDM023-1W	DISPLAY, 2.2" OLED, 128X32 PX, WHITE ON BLACK, SPI INTERFACE	N/A	EASTRISING	COTS	38
1	100SP3T2B3M2RE	TOGGLE, MICRO, 3 POS, .250 THD BUSHING, SHORT BAT	N/A	E-SWITCH	COTS	39
2	PEC111R-4220F-S0012	ENCODER, INC, QUAD, DETENT, SWITCH, 12PPR, 6mm DIA X 20mm FLAT SHAFT	N/A	BOURNS INC	COTS	40
3	EVU-F2MFL3B14	POT, 10K LINEAR, PTH, M9 X 0.75 BUSHING, NO SWITCH	N/A	PANASONIC	COTS	41
6	91249A148	PHS, 6-32 X .500, 18-8, BLACK-OXIDE	18-8	MCMaster-CARR	COTS	42
6	93365A130	INSERT, 6-32, HEAT SET, BRASS	BRASS	MCMaster-CARR	COTS	43
2	93365A160	INSERT, .25-20, HEAT SET, BRASS	BRASS	MCMaster-CARR	COTS	44
2	91251A535	SHCS, .25-20 X .375, STEEL, BLACK OXIDE	STEEL	MCMaster-CARR	COTS	45
20	96006A231	SHCS, 2-56 X .125, 18-8, BLACK OXIDE	STEEL	MCMaster-CARR	COTS	46
19	99461A505	PHS, 0-42 X .125, SELF TAPPING, 18-8	18-8 SS	MCMaster-CARR	COTS	47
4	93365A110	INSERT, 2-56, HEAT SET, BRASS	BRASS	MCMaster-CARR	COTS	48
4	94070A076	PHS, 2-56 X .1875, BRASS	BRASS	MCMaster-CARR	COTS	49

		THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED:	UOS INCH TOLERANCES ARE:	 <div>OPEN HORNET https://www.OpenHornet.com</div>	
				DIMENSIONS ARE IN INCHES.	DECIMALS: .X ± .1 .XX ± .03 .XXX ± .010		
		APPROVALS	DATE	DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.	ANGLES: MACHINED ±0°30' LOCATING ±0°30' FORMED ±2° CHAMFERS ±5°		
		DRAWN J. STEENSEN	15/11/2019	INTERPRET DRAWING IAW ASME Y14.100-2013.	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		
		MATERIAL		INTERPRET DIM AND TOL IAW ASME Y14.5-2009.		TITLE ASSY, UPFRONT CONTROL PANEL PRIMARY MODULE	
		SEE PARTS LIST		REMOVE ALL BURRS AND SHARP EDGES TO .1 MAX.			
		FINISH		DIMENSIONS APPLY BEFORE FINISH.			
OH1A8A	UPPER INSTRUMENT PANEL	SEE FINISH SPEC				SIZE D	
NEXT ASSY	USED ON						DWG NO. OH1A8A1A
APPLICATION							
						SCALE NONE	SHEET 1 OF 4

