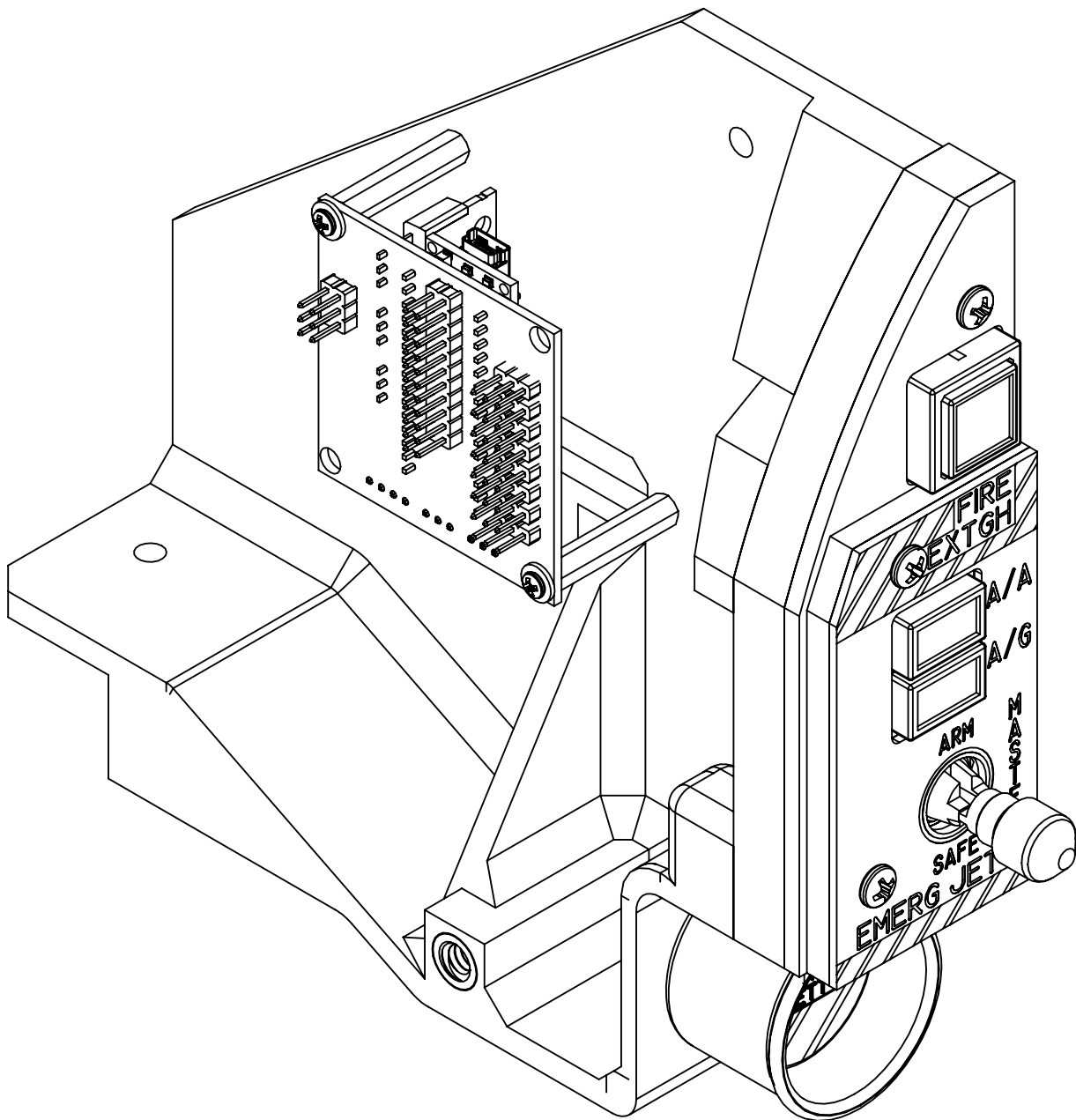


NOTES: UNLESS OTHERWISE SPECIFIED (UOS)

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]: OH1A2A-[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)  
-[APPLICABLE DASH]: OH1A-INDICATORCOVERS.DXF (INDICATOR COVERS)  
-[APPLICABLE DASH]: OH1A-INDICATORLEGENDS.DXF (INDICATOR LEGENDS)  
-[APPLICABLE DASH]: OH1A-DIFFUSERSGREEN.DXF (INDICATOR DIFFUSERS, GREEN)  
-[APPLICABLE DASH]: OH1A-DIFFUSERSAMBER.DXF (INDICATOR DIFFUSERS, AMBER)
2.
- SEAL/SAND/PRIME/PAINT ALL EXTERNAL SURFACES FS36231, DARK GULL GREY IAW FINISH SPECIFICATION, EXCEPT WHERE OTHERWISE NOTED. MASK ALL THREADS AND HOLES.


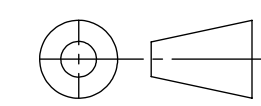



-1

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	11/14/2019
	A	UPDATED PL DESCRIPTIONS, ADDED FINISH SPEC ON SH 5	12/25/2019
	B	ADDED CONICAL BAT OPTION FOR MASTER ARM SWITCH	1/17/2020

PARTS LIST						
QTY.	PART NUMBER	DESCRIPTION	MATERIAL	MFR	TYPE	ITEM NO.
1	OH1A2A-10	MASTER ARM LEGENDPLATE	322402	OPENHORNET	CNC	1
1	OH1A2A-11	MASTER ARM LIGHTPLATE	ACRYLIC	OPENHORNET	CNC	2
1	OH1A2A-12	MASTER ARM BACKPLATE	ACRYLIC/PETG	OPENHORNET	CNC	3
1	OH1A2A-13	MASTER ARM PANEL SPACER	PETG	OPENHORNET	PRINT	4
1	OH1A2A-14	BRACKET, MASTER ARM PANEL	PETG	OPENHORNET	PRINT	5
1	S1AL	SWITCH, SPST, ON-OFF, LOCKING, CONICAL BAT	N/A	NKK SWITCHES	COTS	6
1	OHOPT1A-1	BAT, CONICAL, FOR NKK SXAL SERIES SWITCH	6061-T6	OPENHORNET	MACHINE	7
1	OH1A2A-20	MASTER MODE PUSHBUTTON BASE	PETG	OPENHORNET	PRINT	8
2	OH1A2A-21	MASTER MODE PUSHBUTTON BEZEL	PETG	OPENHORNET	PRINT	9
1	OH1A2A-22	MASTER MODE PUSHBUTTON LEGEND, A-G	TRANSPARENT FILM	OPENHORNET	SCREENPRINT	10
2	OH1A2A-23	MASTER MODE PUSHBUTTON LEGEND COVER	.0625 TRANSPARENT ACRYLIC	OPENHORNET	CNC	11
2	OH1A2A-24	MASTER MODE PUSHBUTTON LEGEND DIFFUSER, GREEN	GREEN FILM	OPENHORNET	CUT	12
2	OH1A2A-25	MASTER MODE PUSHBUTTON ACTUATOR	PETG	OPENHORNET	PRINT	13
1	OH1A2A-26	MASTER MODE PUSHBUTTON LEGEND, A-A	TRANSPARENT FILM	OPENHORNET	SCREENPRINT	14
1	OH1A2A-27	MASTER MODE PUSHBUTTON PCB	PCB	OPENHORNET	PCB	15
4	99461A505	PHS, 0-42 X .125, SELF TAPPING, 18-8	18-8 SS	MCMaster-CARR	COTS	16
1	OH1A2A-30	.55 SQ Indicator Bezel	PETG	OPENHORNET	PRINT	17
1	OH1A2A-31	.55 SQ Indicator Legend Cover	.0625 TRANSPARENT ACRYLIC	OPENHORNET	CNC	18
1	OH1A2A-32	.55 SQ INDICATOR, READY/DISCH	TRANSPARENT FILM	OPENHORNET	SCREENPRINT	19
1	OH1A2A-33	.55 SQ Indicator Actuator	PETG	OPENHORNET	PRINT	20
1	OH1A2A-34	.55 SQ Indicator Legend Diffuser, GREEN	GREEN FILM	OPENHORNET	CUT	21
1	OH1A2A-35	.55 SQ Indicator Legend Diffuser, AMBER	AMBER FILM	OPENHORNET	CUT	22
1	OH1A2A-36	.55 SQ Indicator Base	PETG	OPENHORNET	PRINT	23
1	OH1A2A-37	.55 SQ Indicator PCB	PCB	OPENHORNET	PCB	24
3	99461A505	PHS, 0-42 X .125, SELF TAPPING, 18-8	18-8 SS	MCMaster-CARR	COTS	25
1	KM1101RR02QE	SWITCH, SPST, PUSHBUTTON	N/A	C&K	COTS	26
1	OH1A2A-40	EMERG JETT HOUSING	PETG	OPENHORNET	PRINT	27
1	OH1A2A-41	EMERG JETT BUTTON	PETG	OPENHORNET	PRINT	28
1	1692K52	SPRING, CONICAL, .375 OAL X .600 X .313, .262LBS MAX LOAD	STEEL	MCMaster-CARR	COTS	29
3	98430A116	RING, RETAINING, EXTERNAL, SELF-LOCKING, .125 OD	STEEL	MCMaster-CARR	COTS	30
2	91249A156	PHS, 6-32 X .8750, 18-8, BLACK-OXIDE	18-8	MCMaster-CARR	COTS	31
1	91249A148	PHS, 6-32 X .500, 18-8, BLACK-OXIDE	18-8	MCMaster-CARR	COTS	32
3	93365A130	INSERT, 6-32, HEAT SET, BRASS	BRASS	McMaster-Carr	COTS	33
3	92141A008	WASHER, #6, 18-8	18-8	McMaster-Carr	COTS	34
3	90760A007	NUT, 6-32, JAM, STEEL, ZINC-PLATED	STEEL	McMaster-Carr	COTS	35
3	90471A220	FHS, 100 CSK, 6-32 X .500, STEEL, ZINC	STEEL	MCMaster-CARR	COTS	36
2	93365A110	INSERT, 2-56, HEAT SET, BRASS	BRASS	MCMaster-CARR	COTS	37
1	ABSI5 NANO IO	ABSI5 NANO IO PCB	PCB	OPENHORNET	PCB	38
2	93505A217	STANDOFF, HEX, 2-56 X 1.00, M TO F, ALUM	6061-T6	McMaster-Carr	COTS	39
2	94070A076	PHS, 2-56 X .1875, BRASS	BRASS	McMaster-Carr	COTS	40
2	92141A003	WASHER, 2-56 X .250 OD, 18-8	18-8	McMaster-Carr	COTS	41
1	93365A160	INSERT, .25-20, HEAT SET, BRASS	BRASS	MCMaster-CARR	COTS	42

		THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED:	UOS INCH TOLERANCES ARE:	<div><b>OPEN HORNET</b> <a href="https://www.OpenHornet.com">https://www.OpenHornet.com</a></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	2019/11/14	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 SEE PARTS LIST		INTERPRET DIM AND TOL IAW ASME Y14.5-2009.		TITLE  ASSY, MASTER ARM PANEL		
		FINISH SEE FINISH SPEC		REMOVE ALL BURRS AND SHARP EDGES TO .1 MAX.				
OH1A	UPPER INSTRUMENT PANEL			DIMENSIONS APPLY BEFORE FINISH.		SIZE D	DWG NO. OH1A2A	REV. B
NEXT ASSY	USED ON			APPLICATION	SCALE NONE	SHEET 1 OF 5		

