ALL SHEETS SAME REV

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	BASELINE RELEASE IAW ERR AV-14883	2019/10/31	WJP

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

NOTES:

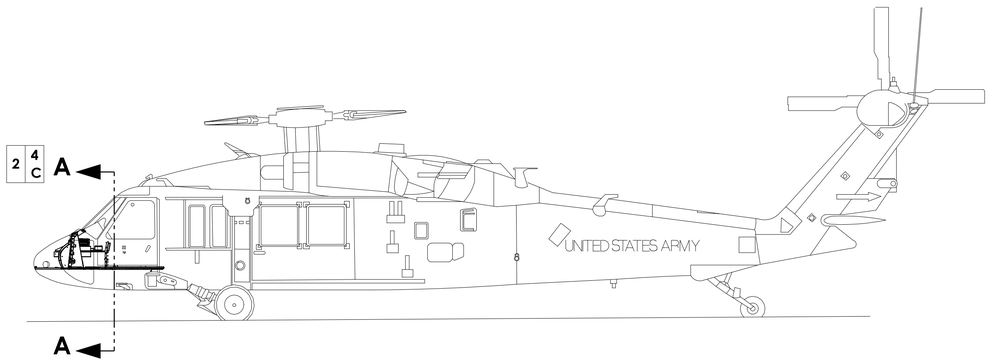
1. APPLICABLE STANDARDS/SPECIFICATIONS: INTERPRET DRAWING IAW ASME Y14.100-2013.
2. LOCATE FN 2 PER NOTED DIMENSIONS. INSTALL FN 3 APPROXIMATELY AS SHOWN WHILE MAINTAINING 1.5X EDGE DISTANCE.
3. WET INSTALL BLIND RIVETS IAW NASM47195 USING EPOXY POLYAMIDE PRIMER IAW MIL-PRF-23377, TYPE I, CLASS N.
4. FASTENER LENGTH MAY BE ADJUSTED +/-2 GRIP LENGTHS.
5. BURNISH FAYING SURFACE BETWEEN AIRCRAFT AND FN 2 AND OR INDICATED SURFACES. TOUCH-UP BARE ALUMINUM SURFACES IAW MIL-DTL-5541, TYPE II, CLASS 3.
6. UOS, TOUCH-UP BARE METAL SURFACES IAW MIL-DTL-5541, TYPE II, CLASS 3 USING MATERIAL IAW MIL-DTL-81706. 1 COAT OF MIL-PRF-85582, TYPE I, CLASS N PRIMER.
7. LOCATE APPROXIMATELY AS SHOWN. SEAL WITH FN 8 OR EQUIVALENT.
8. ELECTRICAL BONDING PER MIL-STD-464. RESISTANCE BETWEEN THE POINTS SHOWN BY (Ω | -) SHALL NOT EXCEED THE FOLLOWING VALUES.

POINTS		MAX 2.5 mΩ/ FAYING SURFACE TOTAL READING NOT TO EXCEED
FROM	TO	
A	B	10.0 MILLIOHMS

9. CALCULATED WEIGHT OF INSTALLATION IS .08 LBS LOCATED APPROXIMATELY AT STA 187.94, WL 235.49 AND RBL 0.76.
10. UOS, TORQUE NOTED FASTENERS TO VALUES INDICATED IN THE TABLE BELOW:

FIND NUMBER	TORQUE IAW MIL-HDBK-60	SUPPLEMENTAL APPLICATION NOTES
6	13.5-16.5 FT-LBS	

11. INSTALL LOCKWIRE PER NASM33540.
12. REMOVE FASTENER TAPE (VELCRO) APPROXIMATELY AS SHOWN TO AVOID INTERFERENCE WITH FN 2 OR FN 7.
13. COVER FN 9 WITH FN 10. TRIM FN 10 AS REQUIRED.



-301 (1)

ITEM OR FIND NO.	QTY. REQ'D	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	NOTES OR REMARKS
10	6	0U583	SAE AMS-DTL-23053/18	M23053/18-204-C	INSULATION SLEEVING, ELECTRICAL	UOM: IN
9	AR	80205	NASM20995	MS20995C32	WIRE, NONELECTRICAL	
8	AR	76381		EDGE SEALER 3950	SEALING COMPOUND	
7	1	81996	1061627	1061627-007	DECAL	
6	1	80205	NAS1423	NAS1423-12	NUT, PLAIN, HEXAGON	
5	1	80205	NAS1149	NAS1149F1232P	WASHER, FLAT	
4	1	81349	MIL-PRF-24236/2	M24236/2-JCHGGH	SWITCH, THERMOSTATIC	
3	2	80205	NAS9301	NAS9301B-4-03	RIVET, BLIND	
2	1	81996	1061922	1061922-001	BRACKET, MOUNTNG	
1	X	81996	1061921	1061921-301	NOSE THERMAL SWITCH INSTALLATION	

PARTS LIST

1061505	UH-60V
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES: FRACTIONS ± N/A
ANGLES ± 1
3 PLACE DECIMALS ± .010
2 PLACE DECIMALS ± .03
1 PLACE DECIMALS ± .1

MATERIAL

FILENAME: 1061921.SLDDRW
CONTRACT NO. W58RGZ-12-D-0089
TASK ORDER NO. D0315
U.S. ARMY PROTOTYPE INTEGRATION FACILITY
REDSTONE ARSENAL, ALABAMA 35898
CAGE CODE: 4QTA0

PREPARED	R. HOLT	2018/04/02
CHECKED	M. OVERHULSER	2018/04/17
ENGINEER	J. CLARK	2018/04/02
SUBMITTED		
APPROVED		

U.S. ARMY
AVIATION AND MISSILE COMMAND
REDSTONE ARSENAL, ALABAMA 35898

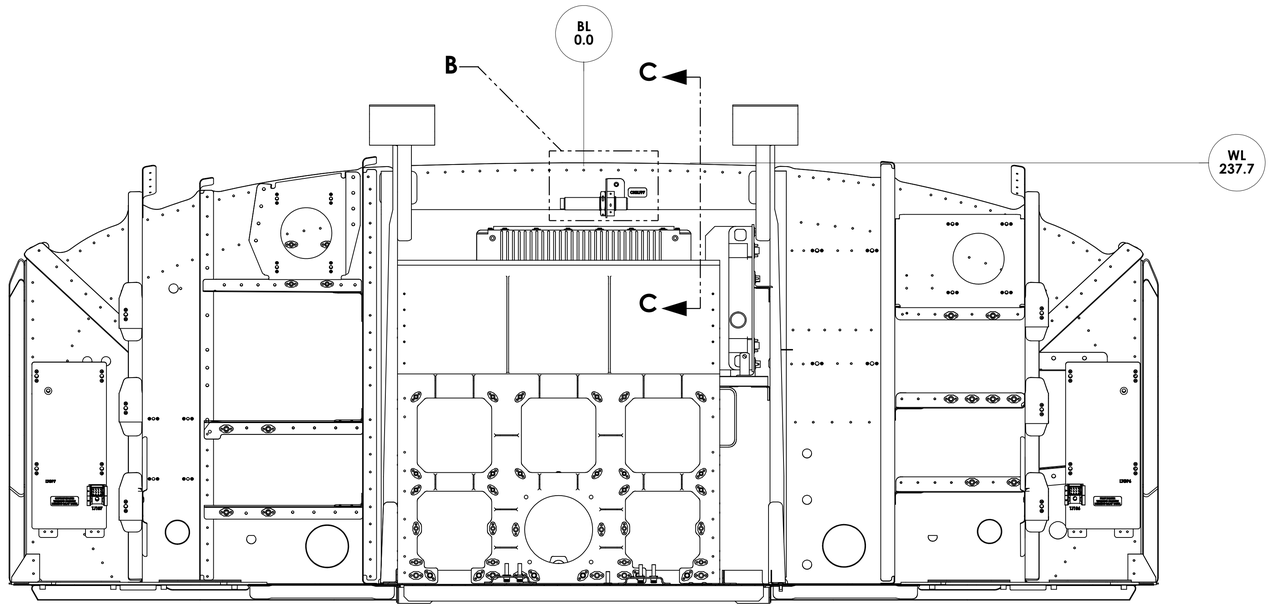
TITLE
NOSE
THERMAL SWITCH
INSTALLATION

SIZE	CAGE CODE	DRAWING NO.	REV.
D	81996	1061921	-

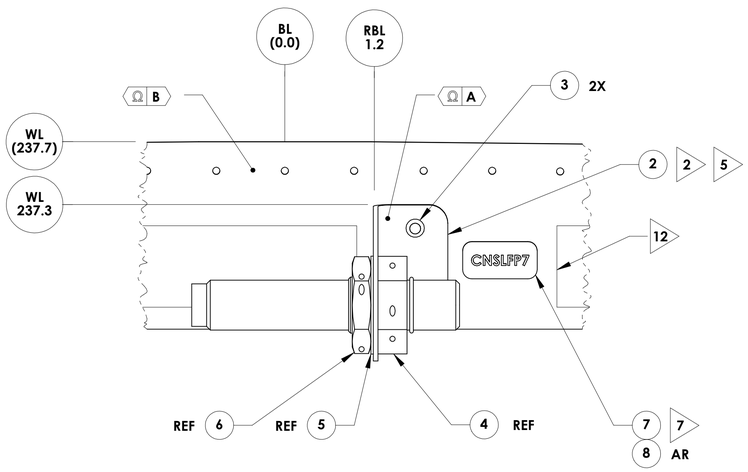
SCALE: NONE | SHEET 1 OF 2

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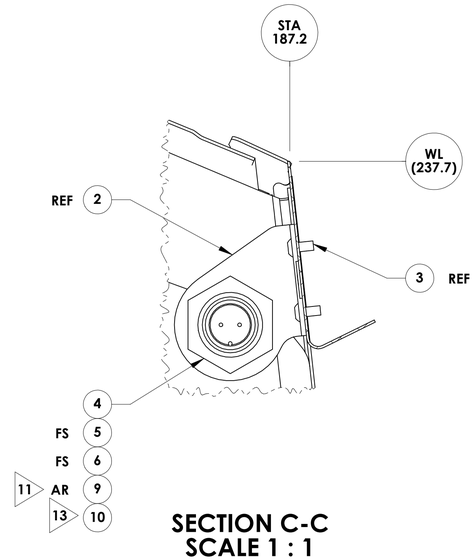
DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO THE DEPARTMENT OF DEFENSE AND U.S. DOD CONTRACTORS ONLY DUE TO ADMINISTRATIVE OR OPERATIONAL USE, 25 JUN 2013. OTHER REQUESTS SHALL BE REFERRED TO UTILITY HELICOPTER PROJECT MANAGEMENT OFFICE, PROGRAM EXECUTIVE OFFICE, AVIATION, ATTN: SFAE-AV-UH (DATA MANAGER), REDSTONE ARSENAL, AL 35898-5000.



SECTION A-A [1 | 6 C]
VIEW LOOKING FORWARD AT STA 210.1



DETAIL B
SCALE 1 : 1



SECTION C-C
SCALE 1 : 1

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SIZE	CAGE CODE	DRAWING NO.	REV.
D	81996	1061921	-
SCALE: 1:4			SHEET 2 OF 2