NOTES:

(201) 1. THE FOLLOWING MARKING SHALL BE STEEL STAMPED IN .25 INCH CHARACTERS AND SHALL BE LEGIBLE AFTER COATING: (D1)

ADAPTER, PALLET, FIN ASSEMBLY, ADU-425/E (B1)
30003 - ADL1103AS100
MFR INITAL OR CODE U.S. CONTRACT OR ORDER NO

(202) 2. THE FOLLOWING MARKING SHALL BE STEEL STAMPED IN .25 INCH CHARACTERS AND SHALL BE LEGIBLE AFTER COATING: (D2)

"30003 - 1103AS101"
FRAME, TOP & BOTTOM"

3. UNLESS OTHERWISE SPECIFIED: BEND RADII .12 (A1)

(M105) 4. SPOT WELD IN ACCORDANCE WITH AMS-W-6858, GROUP 2 CLASS C. (E1)

(M106) 5. WELD IN ACCORDANCE WITH MIL-W-21157, CLASS 5, USING SHIELDED METAL ARC PROCESS, ELECTRODE CLASS 60XX IN ACCORDANCE WITH AWS A5.1/A5.1M OR GAS SHIELDED ARC PROCESS, WIRE CLASS ER 70S-3 IN ACCORDANCE WITH AWS A5.18/A5.18M. POSITION QUALIFICATION OF WELDER SHALL BE IN ACCORDANCE WITH AWS D17.1, CLASS C. (B2) (C1) (E2) (D3) (G1) (F1)

(M107) 6. ZINC COAT (HOT-DIP GALVANIZED) IN ACCORDANCE WITH ASTM A123/A123M. (B3) (C2)

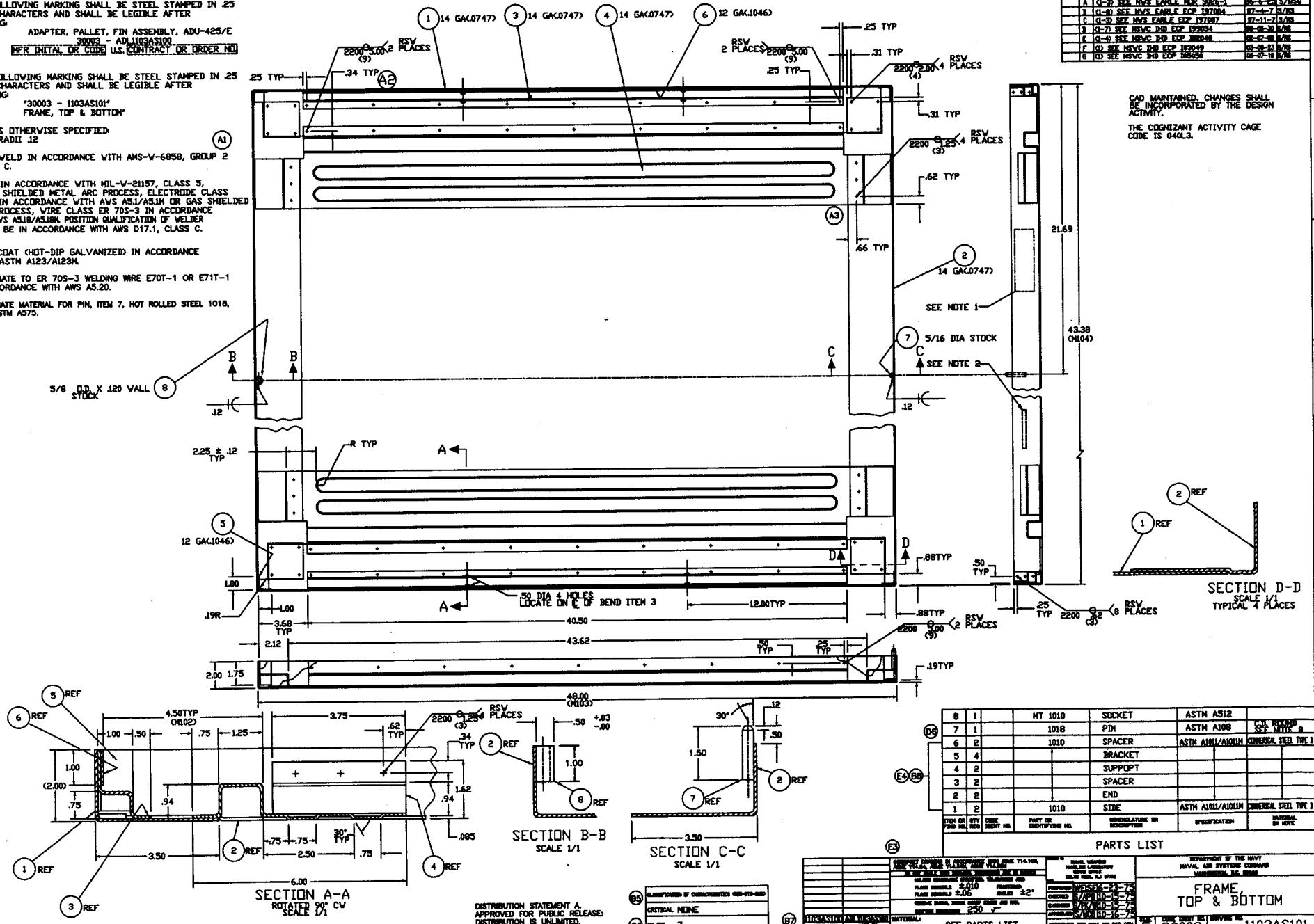
7. ALTERNATE TO ER 70S-3 WELDING WIRE E70T-1 OR E71T-1 IN ACCORDANCE WITH AWS A5.20. (D4) (B4)

8. ALTERNATE MATERIAL FOR PIN, ITEM 7, HOT ROLLED STEEL 1018, PER ASTM A575. (D5)

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	(C-3) SEE NVS EARLE NOR 30026-1	06-6-26	S/MSG
	B	(C-8) SEE NVS EARLE ECP 197004	07-1-7	B/RS
	C	(C-3) SEE NVS EARLE ECP 197087	07-11-7	S/RS
	D	(C-7) SEE NSVC IHD ECP 192034	08-08-30	B/RS
	E	(C-4) SEE NSVC IHD ECP 200048	08-07-08	B/RS
	F	(C) SEE NSVC IHD ECP 183049	05-08-23	B/RS
	G	(C) SEE NSVC IHD ECP 105050	06-07-19	B/RS

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

THE COGNIZANT ACTIVITY CAGE CODE IS 04013.



ITEM OR FIND NO.	QTY REQD	CODE IDENT NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE
8	1		MT 1010	SOCKET	ASTM A512	
7	1		1018	PIN	ASTM A108	C-D ROUND SEE NOTE 8
6	2		1010	SPACER	ASTM A1011/A1011M	COMMERCIAL STEEL TYPE B
5	4			BRACKET		
4	2			SUPPORT		
3	2			SPACER		
2	2			END		
1	2		1010	SIDE	ASTM A1011/A1011M	COMMERCIAL STEEL TYPE B

PARTS LIST

(D6) (E4) (B8)

DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED.

CLASSIFICATION OF CHARACTERISTICS
CRITICAL NONE
MAJOR 7
MINOR 2 ANNOTATED

(B5) (C3) (D7) (B6)

MATERIAL: SEE PARTS LIST (M101)

APPLICATION

(B7)

DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
WASHINGTON, D.C. 20360

FRAME, TOP & BOTTOM

PREPARED WEISER-23-75
CHECKED S/APRIL10-15-75
CHECKED S/APRIL10-15-75
APPROVED S/APRIL10-16-75
APPROVED FOR NAVY AIR SYS COM S/MS GRAY 10/17/75

SIZE F | CODE IDENT NO. 30003 | DRAWING NO. 1103AS101

SCALE 3/8 | SHEET 1 OF 1

AUTOCAD R12/12 87800 IN (A)

NOTES:

(A1) 1. THE ADAPTER (2 FRAMES) IS USED TO PALLETIZE MK 83 BOMB FINS.

2. WEIGHT OF ADAPTER-91 POUNDS.

(A2) 3. FOR DATA LIST SEE ADL 1103AS100.

(B1) 4. INSPECT SYSTEM REQUIREMENTS IN ACCORDANCE WITH PQAR 1103AS100.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	(1-4) SEE ECP I97004	97/4/7	S/RS
	B	(1) SEE NSWC IHD ECP I99034	99/06/30	S/RS
	C	(1) SEE NSWC IHD ECP I02048	02/7/9	S/RS

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

THE FOLLOWING ITEMS ARE REQUIRED FOR ONE ASSEMBLY
FRAME, TOP AND BOTTOM (1103AS101)-2 REQUIRED.

DWG. NO. 1103AS100 SH 1 REV C

ITEM OR FIND NO.	QTY REQ	CODE IDENT NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE

PARTS LIST

DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

CLASSIFICATION OF CHARACTERISTICS (DOD-STD-2101)	(A3)
CRITICAL NONE	
MAJOR NONE	
MINOR NONE ANNOTATED	(A4)

NEXT ASSY	USED ON
APPLICATION	

(C1) INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.24, ASME Y14.34M, ASME Y14.35M

DO NOT SCALE THIS DRAWING, DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE:
PLACE DECIMALS FRACTIONS
PLACE DECIMALS ANGLES

REMOVE BURRS, BREAK SHARP EDGES .015 MAX.
SURFACE ROUGHNESS ✓

MATERIAL:

NAVAL WEAPONS HANDLING LABORATORY
USNAD EARLE
COLTS NECK, N.J. 07722

PREPARED	WEISE	6-13-75
CHECKED	S/APB	10-15-75
ENGINEER	S/PK/W	10-15-75
APPROVED	S/MCB	10-16-75

APPROVED FOR NAV AIR SYS COM
S/MS GRAY 10/17/75
BY DIRECTION DATE

DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
WASHINGTON, D.C. 20360

ADAPTER, PALLET, FIN ASSEMBLY ADU 425/E

ASSEMBLY

SIZE	CODE IDENT NO.	DRAWING NO.
C	30003	1103AS100

SCALE NONE SHEET 1 OF 1

AUTOCAD V12 B79CC JN (B)