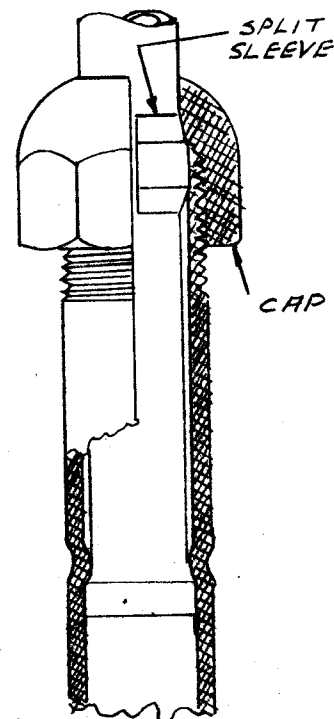
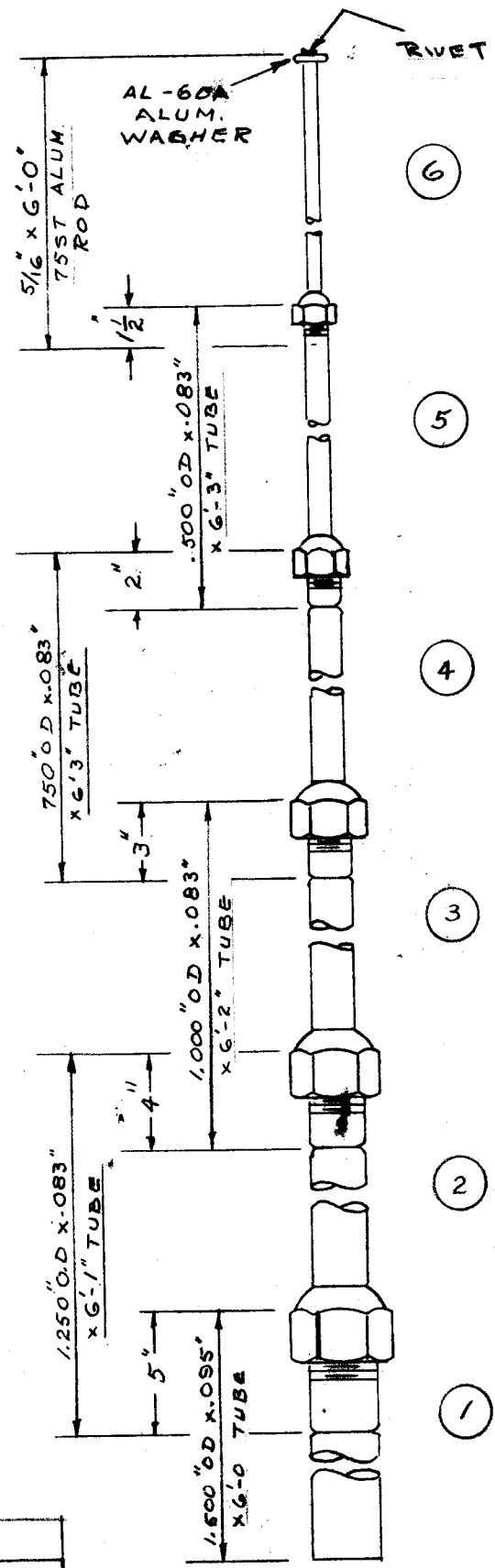


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



TYPICAL SECTION THRU JOINT



AW-100-B

TMC NO	AL NO.	SECTION	LENGTH	TOT. LENGTH
AW-100-1	AL-106	6	6'-0"	—
AW-100-2	AL-312	5-6	12'-1 1/2"	6'-4"
AW-100-3	AL-518	4-5-6	18'-2 1/2"	6'-4 1/2"
AW-100-4	AL-324	3-4-5-6	24'-1 1/2"	6'-4 1/2"
AW-100-5	AL-530	2-3-4-5-6	29'-10 1/2"	6'-5"
AW-100-6	AL-535	1-2-3-4-5-6	35'-5 1/2"	6'-5 1/2"

NOTE: THIS PRINT FOR REFERENCE ONLY - SEE AW100-D SIZE DRAWING SHEET 1 & 2

REF: PREMAX PRODUCTS DIV. CHISLM-RYDIE CO.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
SEAMLESS TUBING		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE		ANTENNA, WHIP	
ALUMINUM			
MATERIAL	WEIGHT PER FC.		
G1ST			
TYPE & TEMPER			
HEAT TREAT. SPEC.			
FINISH & SPEC. NO.			

Handwritten notes and signatures: MADE 7-26-54, DRAWN, ELEC. DES. APP., MECH. DES., CHECKED, FINAL APPROVAL, AW-100

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
B		NOTE REPL. BY AW 109 DEL	6-18-92		GDL		
A		NOTE: REPLACED BY... ADD	6-29-90		GDL		

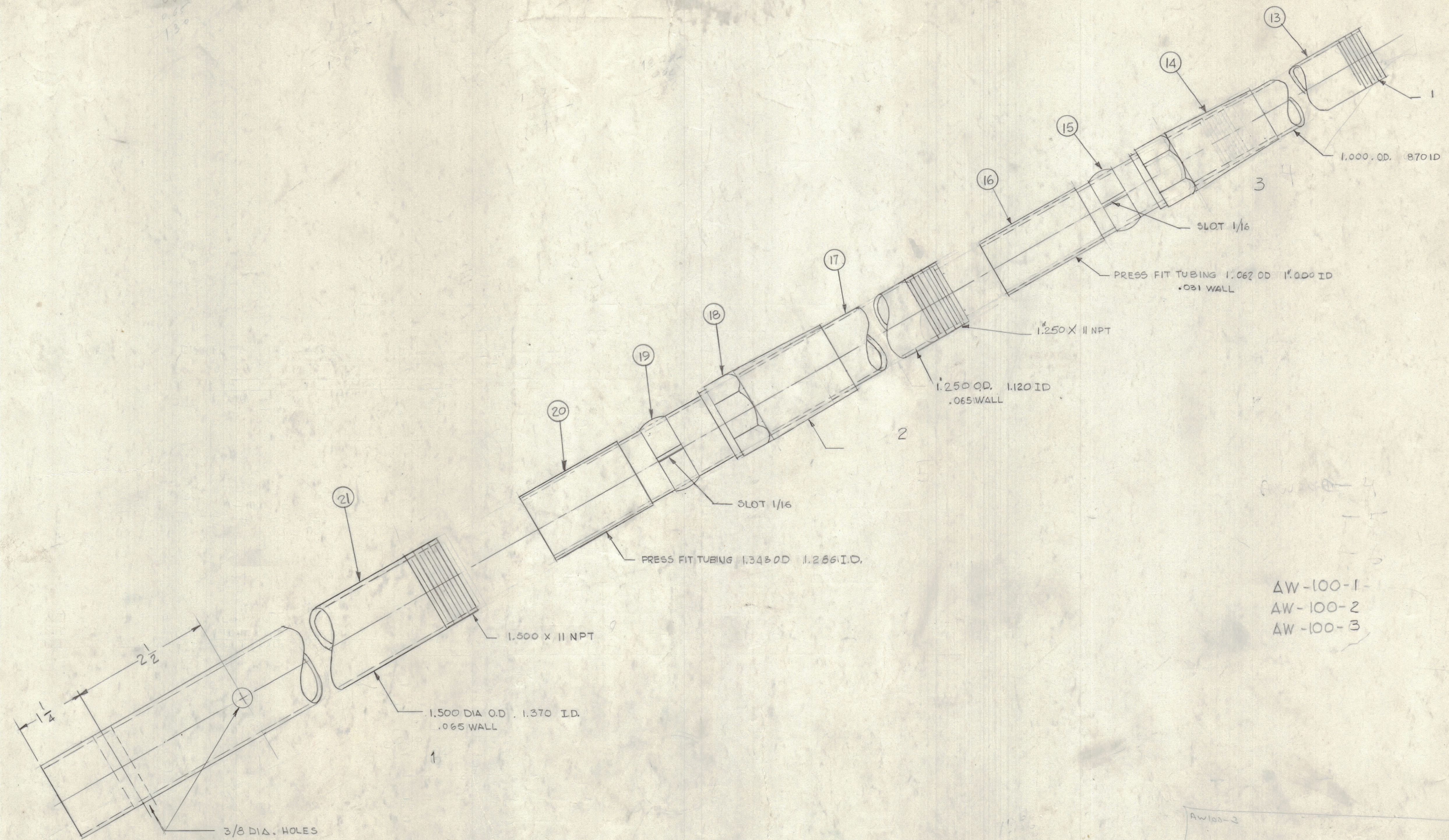
TOLERANCES: DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±

SCALE: DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	VRA-5,6,7	259	A-2169	2-11-63
1	VRA-2			7-26-54
1	VRA-1			7-26-54

USED ON

REVISIONS							
E.M.N.O.	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
GDL			C		AW 109-3 ← AW 109-4 DELETED	6-18-92	



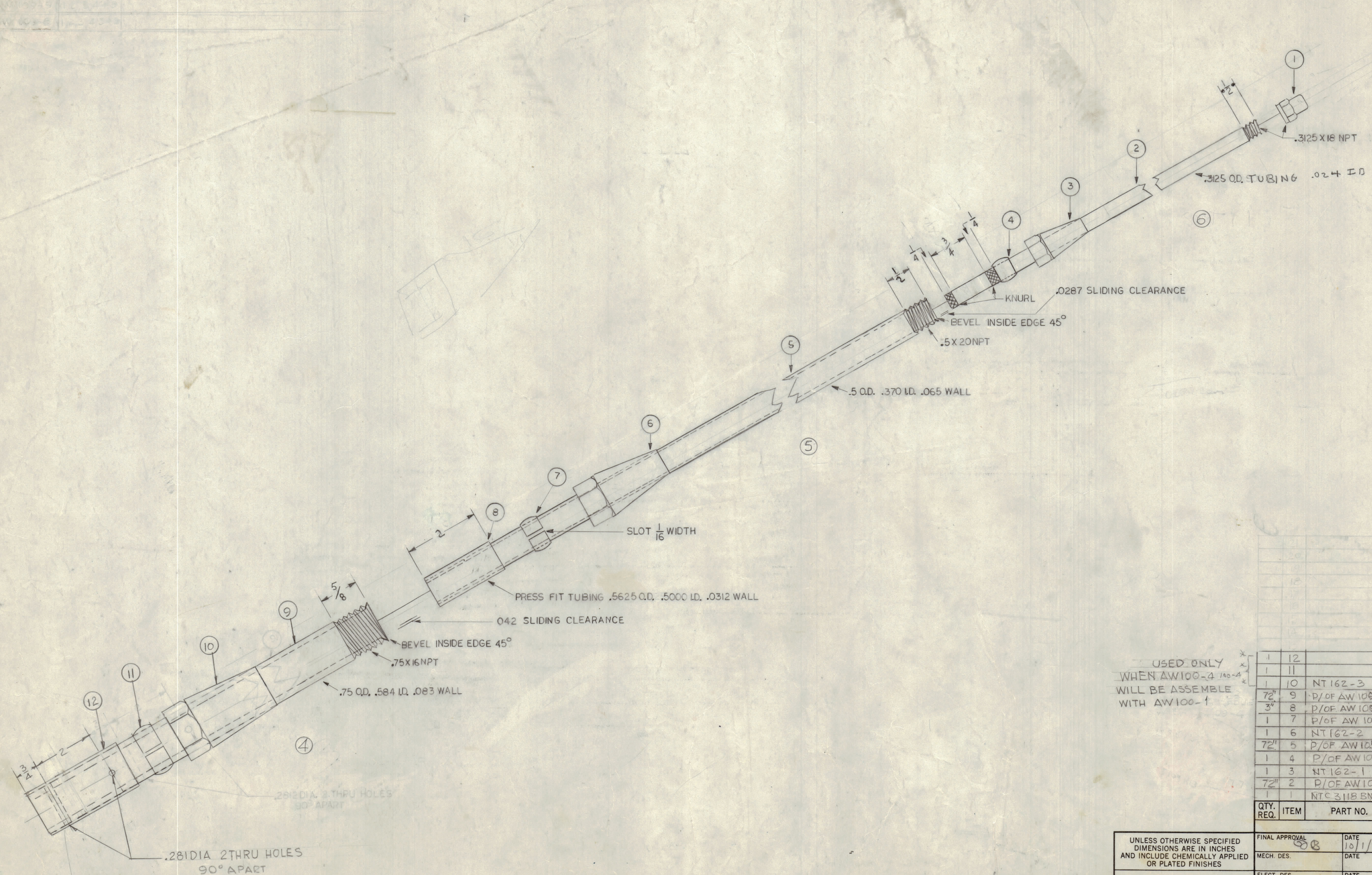
AW-100-1  
AW-100-2  
AW-100-3

REF: AB 106  
REF: AB 106 (BASE)

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
FINAL APPROVAL		DATE	<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  TELESCOPIC, ANTENNA, WHIP	
MECH. DES.		DATE		
ELECT. DES.		DATE		
CHECKED		DATE		
DRAWN		DATE		
MATERIAL	6061T6 ALUMINUM		SIZE	CODE IDENT NO. DWG NO.
FINISH	ETCH & LAQUOR (CLR)		D	82679 AW-100-1,2,3 C
			SCALE	SHEET 2 OF 2

VRA-		
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
<small>NOTICE TO PERSONS RECEIVING THIS DRAWING</small> <small>THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</small>		

REVISIONS							
E.M.N.O	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
	G.D.L.			A	DWG NO. WAS AW100-3A	6-29-90	
	G.D.L.			B		6-11-91	
	G.D.L.			C	AW100-3 & 100-4 DELETED USE AW100- CHANGE SEQUENCE NO. ①, ②, ③ TO ⑥, ⑦, ⑧ ④, ⑤, ⑥ TO ③, ②, ①	6-18-92	



QTY. REQ.	ITEM	PART NO.	DESCRIPTION	MFG. P./NO.
1	12		TUBING ALUMINUM	
1	11		SLEEVE	
1	10	NT 162-3	NUT, TUBE FITTING	5060K17
72"	9	P/O F AW100-3	TUBING, ALUMINUM (3/4 O.D. 584 ID)	SEAMLESS 6061-T6 ALUM.
3"	8	P/O F AW100-3	TUBING, ALUMINUM (.5625 OD 1/2 ID)	SEAMLESS 6061-T6 ALUM.
1	7	P/O F AW100-3	SLEEVE 1/2"	5085K16
1	6	NT 162-2	NUT, TUBE FITTING	5060K15
72"	5	P/O F AW100-3	TUBING, ALUMINUM	SEAMLESS 6061-T6 ALUM.
1	4	P/O F AW100-3	SLEEVE 5/16"	5085K14
1	3	NT 162-1	NUT, TUBE FITTING	5060K13
72"	2	P/O F AW100-3	TUBING, ALUMINUM X 3/16 OD TUBING	SEAMLESS 6061-T6 ALUM.
1	1	NTC 3118 BNR	CAP END, ALUMINUM 5/16" NPT	92716A000

USED ONLY  
WHEN AW100-4  
WILL BE ASSEMBLED  
WITH AW100-1

QTY / UNIT	MODEL USED ON	ASS'Y NO.
	VRA	
APPLICATION		
CODE		

TOLERANCES ON	
DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° - 30'

LIST OF MATERIAL			
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
TELESCOPIC, ANTENNA, WHIP			
SIZE	CODE IDENT NO.	DWG NO.	ISSUE
D	82679	AW-100-4,5,6	C
SCALE			SHEET 1 OF 2

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