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SUPPORTING DOCUMENTATION TO AD HOC #38
COLLAPSIBLE LENS BARREL

00/13/56

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178 2



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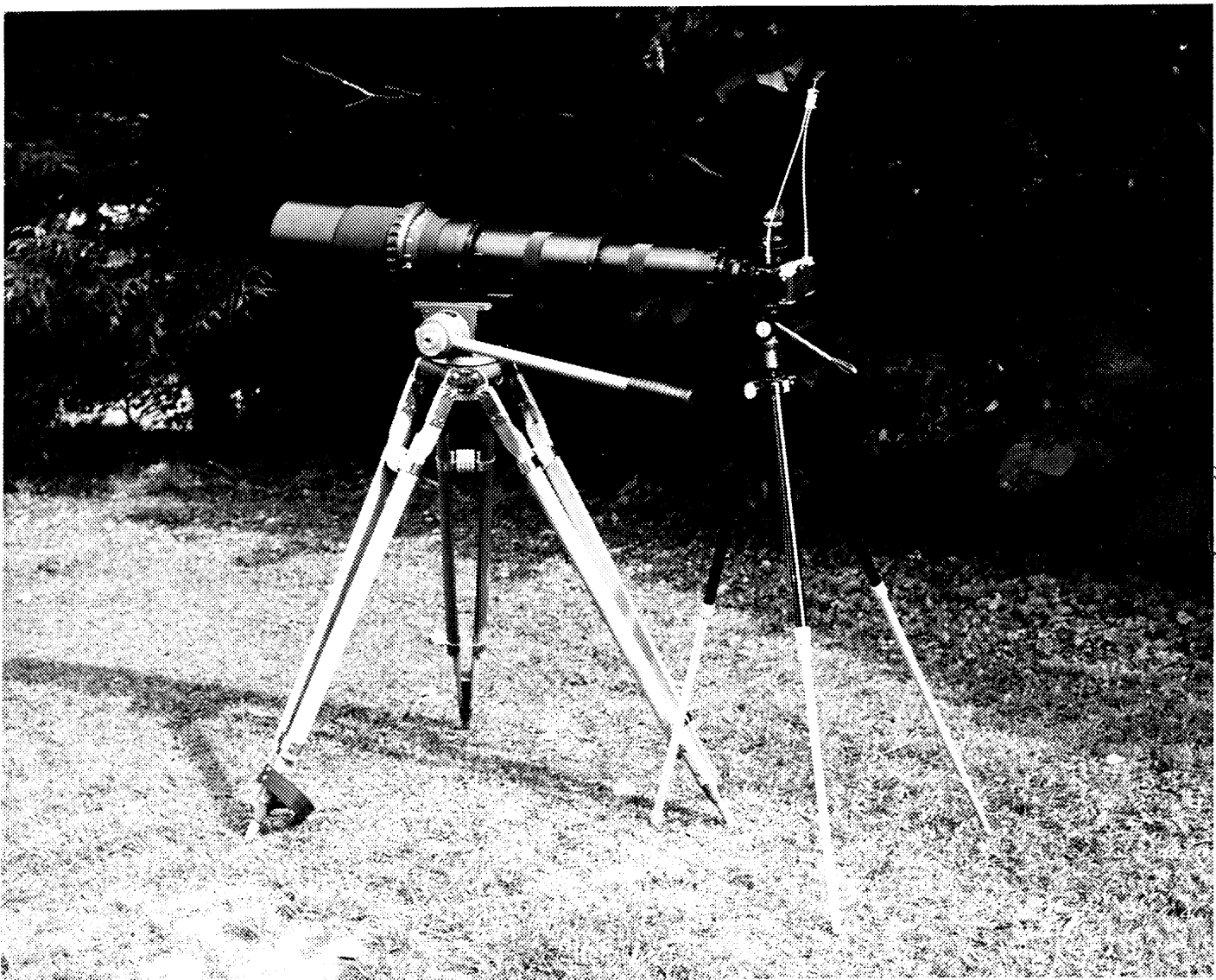


Fig 4

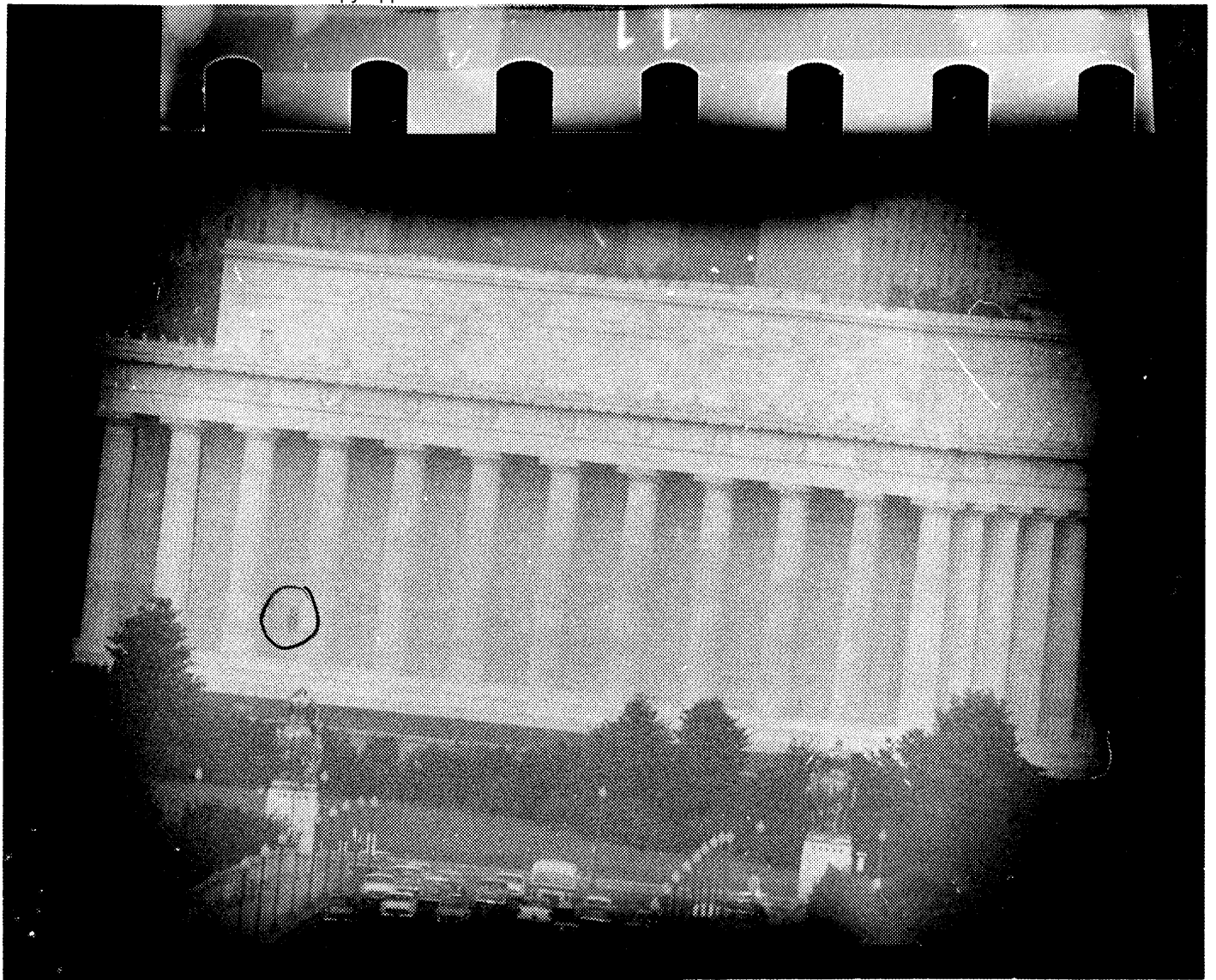
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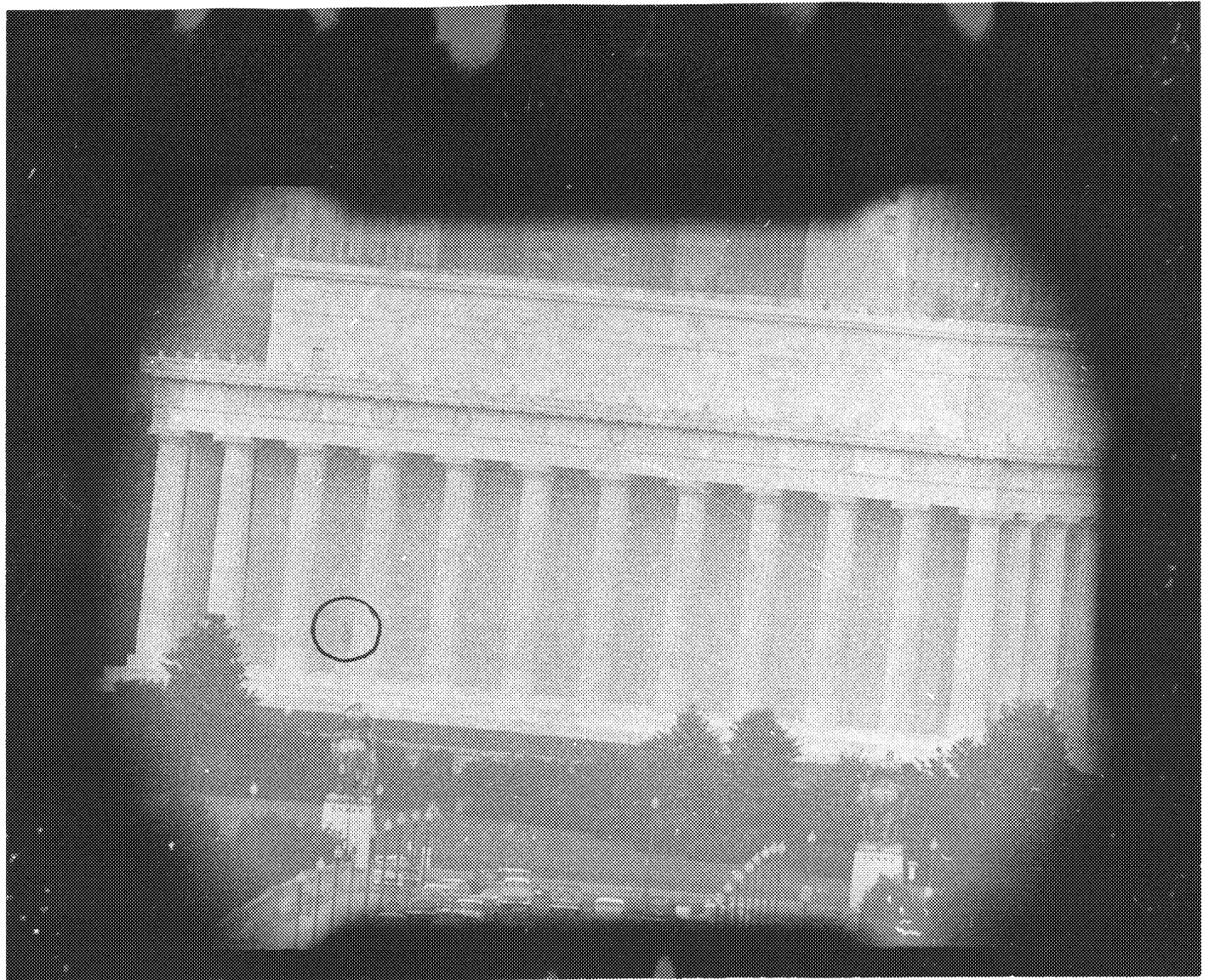
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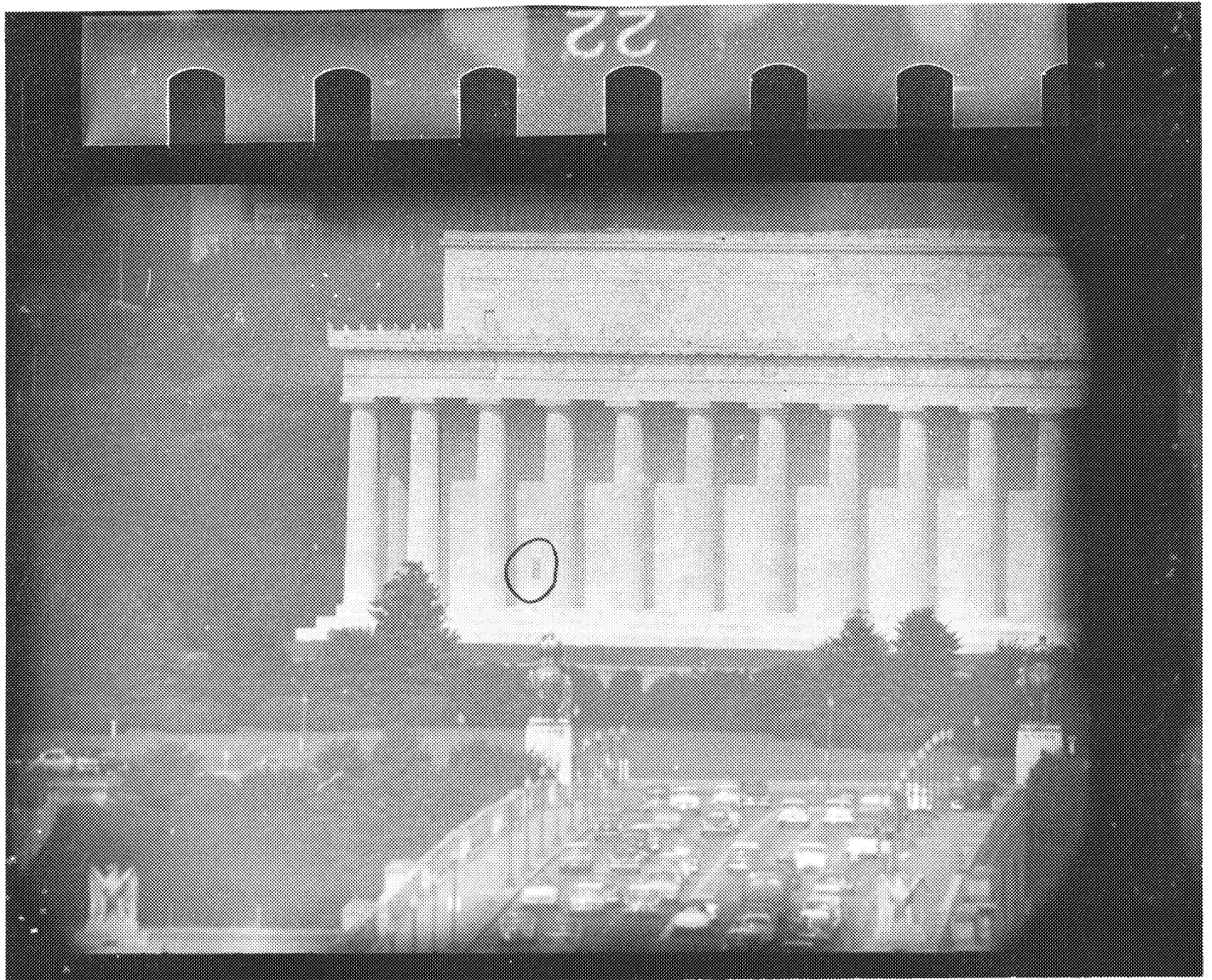
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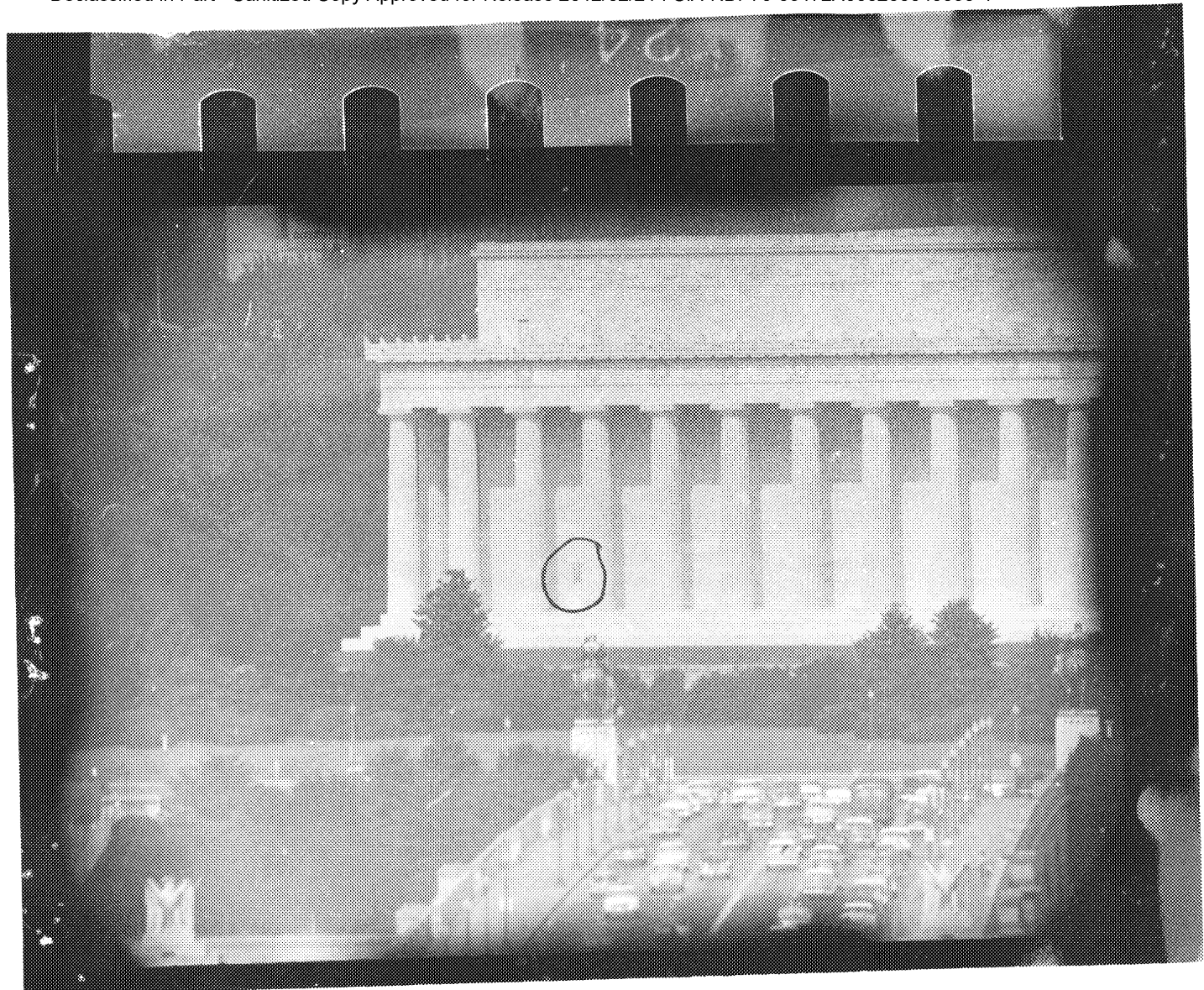
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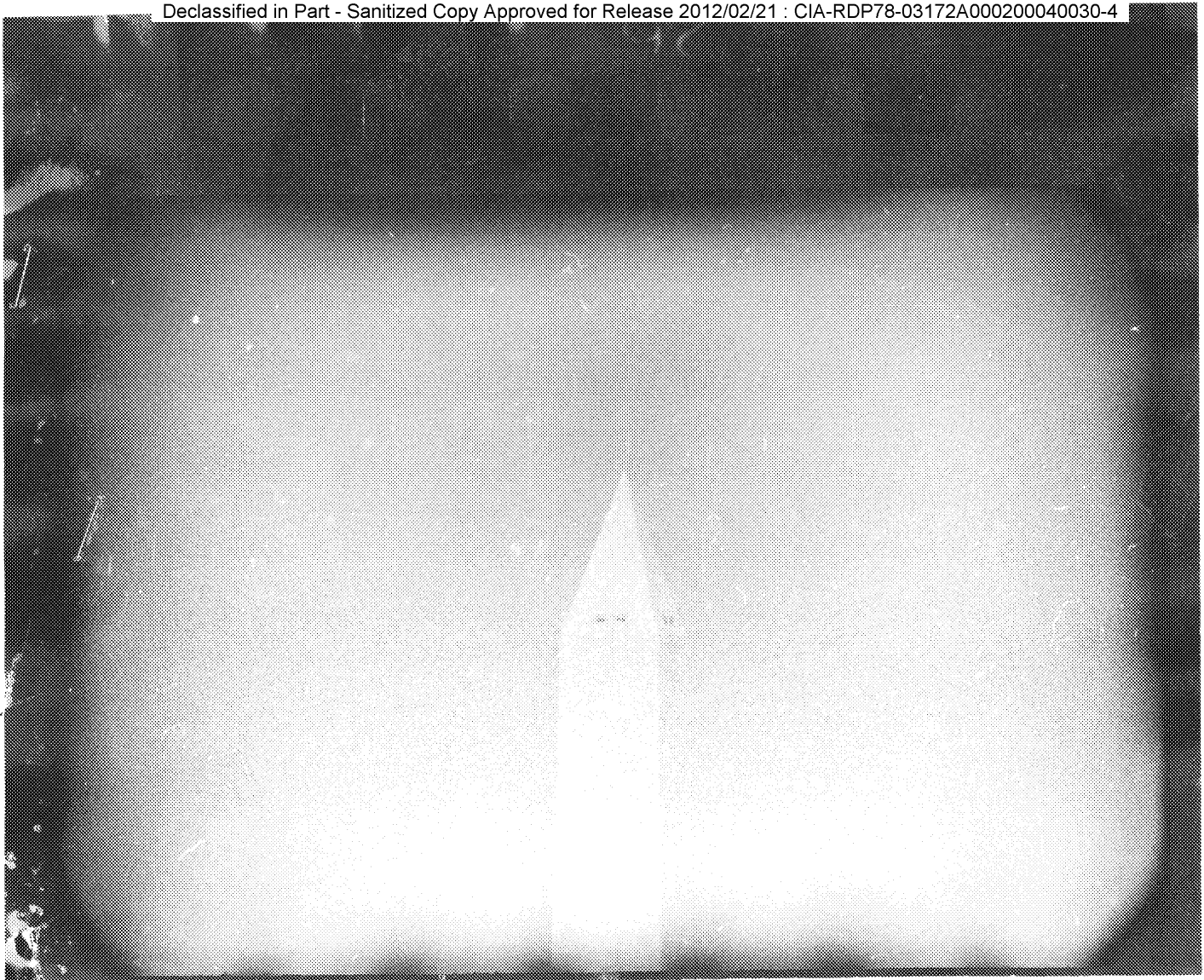
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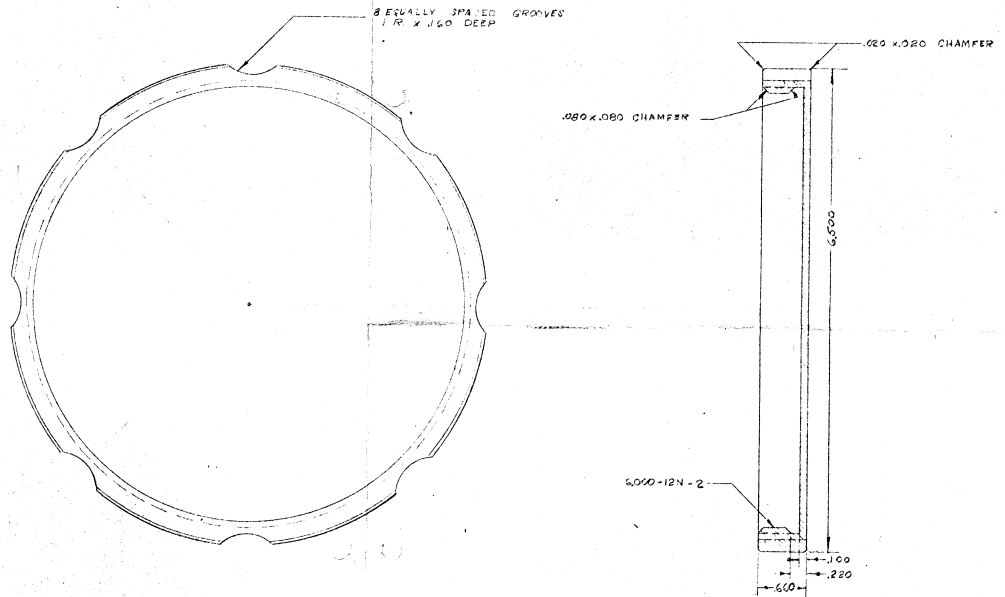
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DO NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.
 XX DEC. PLACES ± .02
 XXX DEC. PLACES ± .005
 FRACTIONAL DIM. ± 1/64 ANG. DIM. ±



166-412

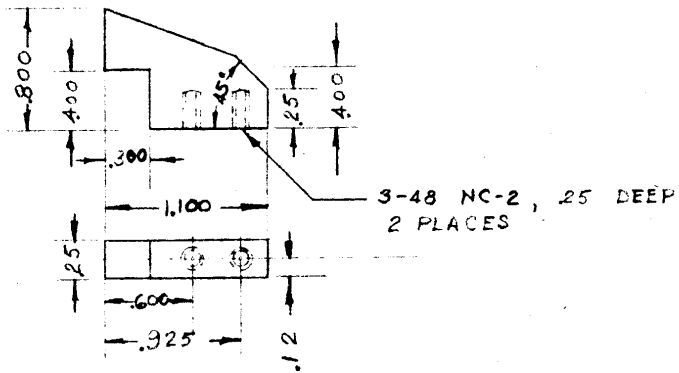
166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.						NAME CAP - TUBE STAT	
MATERIAL ALUM. ALLOY 2024-T4						SCALE 1:1	
HEAT TREATMENT T. S.						DATE 11/28/54	
FINISH BLACK ANODIZE						NUMBER 166-412	
SYN.	REVISION	BY	DATE	C.O. NO.	CHKD.	SHEET OF SHEETS	

DO NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEC. PLACES ± .02
 XXX DEC. PLACES ± .005
 FRAC. DIM. ± 1/64 ANG. DIM. ±

166-413



166-100	3	3
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.

MATERIAL ALUM. ALLOY WT. 2024-T4

HEAT TREATMENT T. S.

FINISH BLACK ANODIZE

NAME

GUIDE - LARGE TUBE STAT

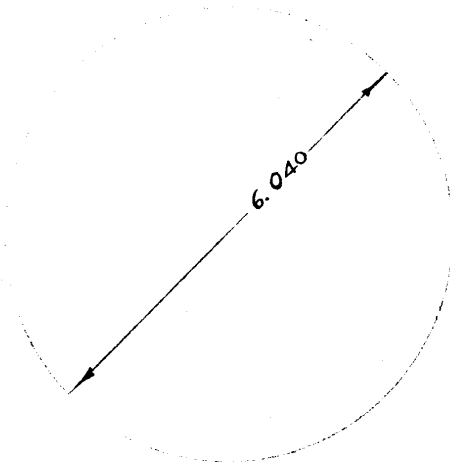
SCALE 1:1	DR. BY WFM	DATE 12/19/55	NUMBER 166-413	CHG.
CHKD. BY	DATE	SHEET	OF	SHEETS

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DO NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEC. PLACES ± .02
XXX DEC. PLACES ± .005
FRAC. DIM. ± 1/64 ANG. DIM. ±

166-414



166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.

MATERIAL WT. 1/2 CORPRENE SHEET

HEAT TREATMENT T. S. _____

FINISH _____

DATE
DATE
DATE

NAME

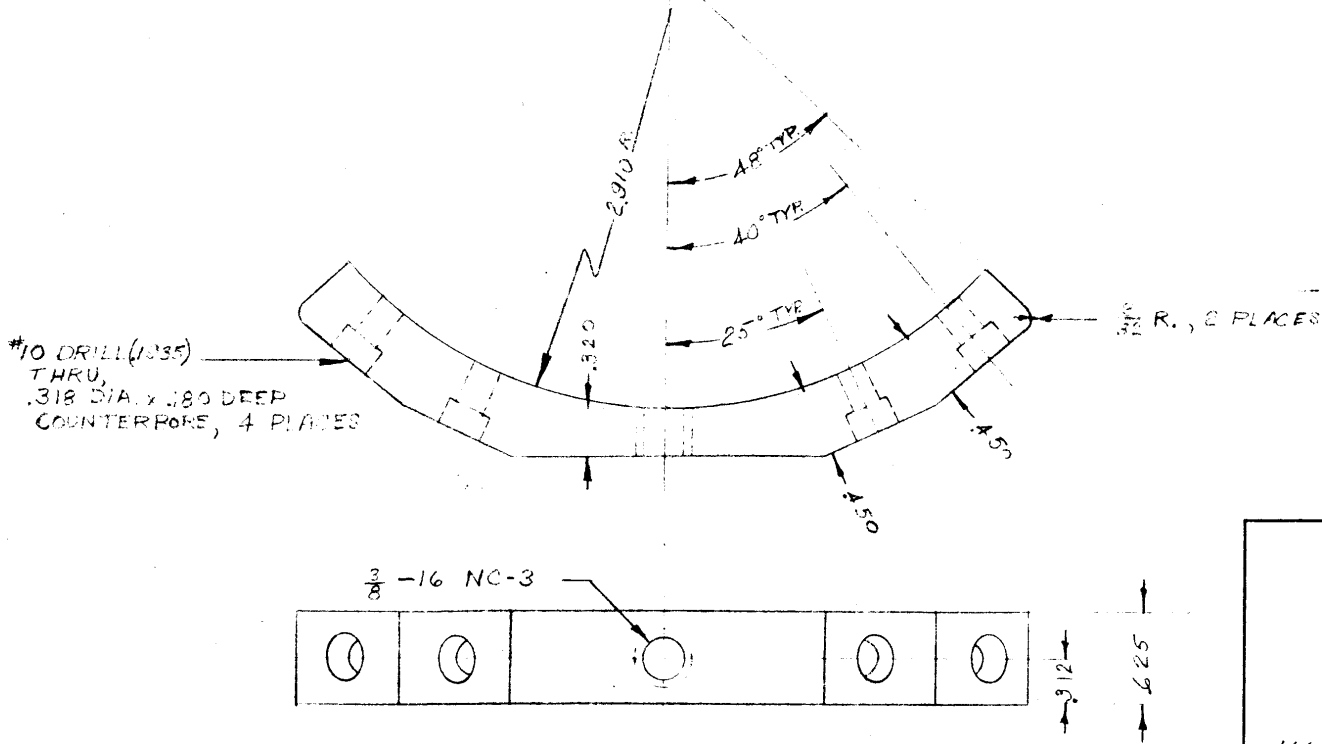
GASKET - CAP STAT

SCALE	DR. BY	DATE	NUMBER	CHG.
1:2	WFN	12/19/55	166-414	
	CHKD. BY	DATE		

DO NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEC. PLACES ± .02
 XXX DEC. PLACES ± .005
 FRAC. DIM. ± 1/64 ANG. DIM. ±

166-415



166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.

MATERIAL WT. _____
 ALUM. ALLOY 2024-TA

HEAT TREATMENT T. S. _____

FINISH BLACK ANODIZE

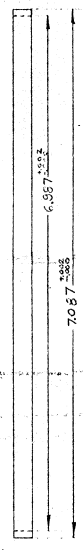
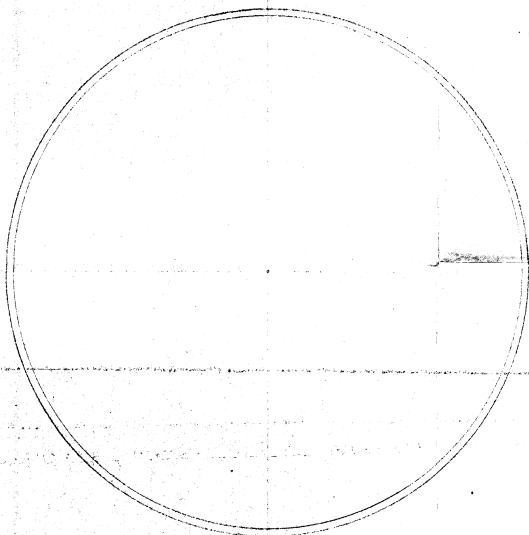
NAME

MOUNT - TRIPOD STAT

SCALE	DR. BY	DATE	NUMBER	CHG.
1:1	WEN	12/17/53	166-415	
CHKD. BY	DATE	SHEET OF SHEETS		

DO NOT SCALE DIM. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEC. PLACES ± .02
XXX DEC. PLACES ± .003
FRAC. DIM. ± 1/64 ANG. DIM. ±



166-411

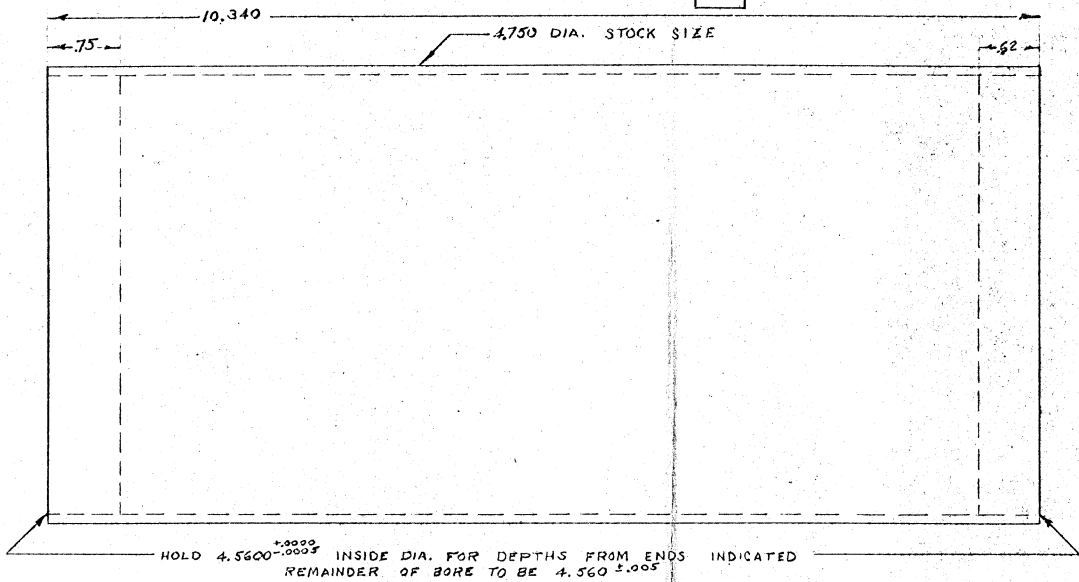
166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEMB.	QTY. FINAL ASSEMB.

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.						NAME RING - LENS HOOD STAT	
MATERIAL ALUM. ALLOY 2024-T4						DATE	
HEAT TREATMENT T. 3.						SCALE 1:1	
FINISH BLACK ANODIZE						DR. BY NPN	
						DATE 11/22/53	
						NUMBER 166-411	
						CHKD. BY	
						DATE	
						SHEET OF SHEETS	
						DATE OF PRINT	

DO NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEC. PLACES $\pm .02$
 XXX DEC. PLACES $\pm .005$
 FRAG. DIM. $\pm 1/64$ ANG. DIM. \pm

166-402

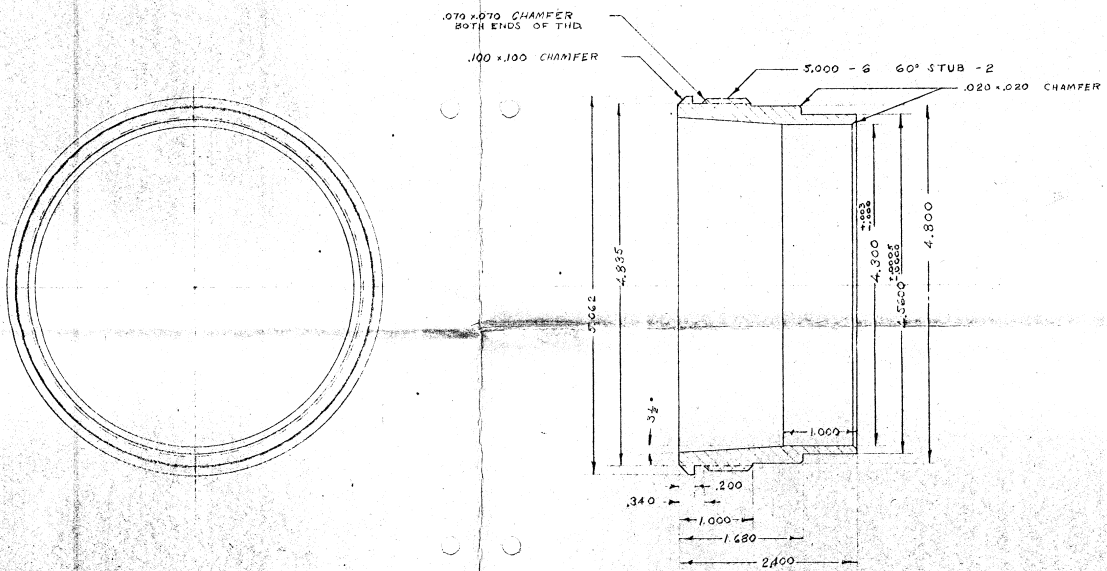


166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.					
MATERIAL	WT. _____				
ALUM. ALLOY TUBE	6061-T6				
HEAT TREATMENT	T. S. _____				
FINISH	BLACK ANODIZE				
SYM.	REVISION	BY	DATE	Q. O. NO.	CHKD.

NAME					
TUBE - LARGE STAT					
SCALE	DR. BY	DATE	NUMBER	CHG.	
1:1	WFN	11/17/55	166-402		
CHKD. BY	DATE	SHEET OF SHEETS			
		DATE OF PRINT			

DO NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.
 XX DEG. PLACES ± .02
 XXX DEG. PLACES ± .005
 FRAG. DIM. ± 1/64 ANG. DIM. ± 15'



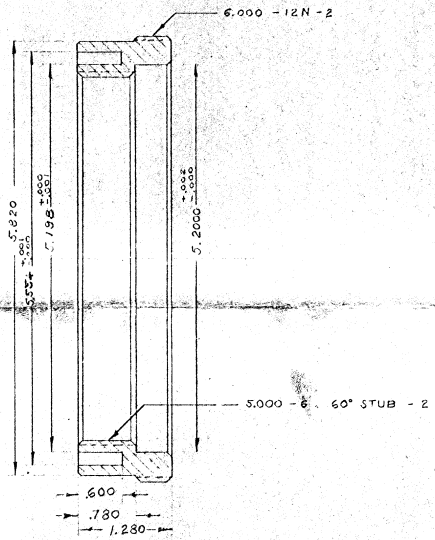
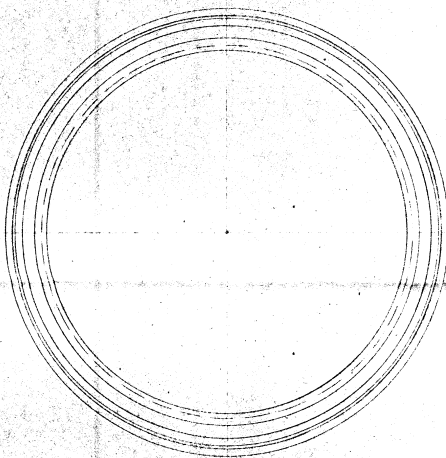
166-401

166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.					NAME RING - LARGE TUBE - STAT INSIDE	
MATERIAL ALUM. ALLOY 24S-F4			WT.		DATE	
HEAT TREATMENT T. S.			FINISH BLACK ANODIZE		SCALE 1:1	
SYN.	REVISION	BY	DATE	C. O. NO.	CHKD.	DATE
					DR. BY WFA 11/155	
					NUMBER 166-401	
					CHKD. BY	
					DATE	
					SHEET OF SHEETS	
					DATE OF PRINT	

DO NOT SCALE DIM. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEG. PLACES ± .02
XXX DEG. PLACES ± .005
FRAC. DIM. ± 1/64" ANG. DIM. ±



NOTE - ALL CHAMFERS ARE .040 x .060

166-2

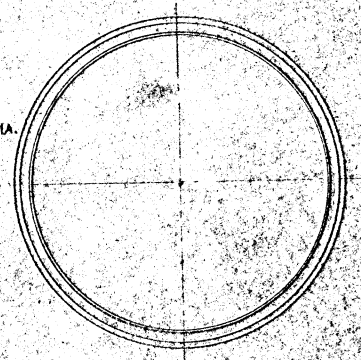
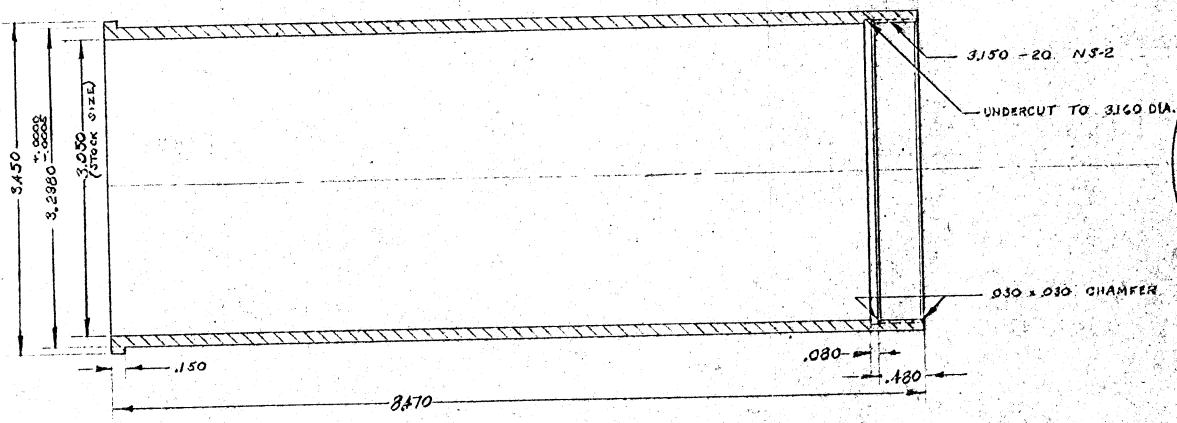
166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEMBLY	QTY. FINAL ASSEMBLY

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.					NAME RING - ADAPTOR STAT	
MATERIAL ALUM. ALLOY 2A S-T4					DATE	
HEAT TREATMENT T. 3					SCALE 1:1	
FINISH BLACK ANODIZE					DR. BY WFM	
SYMBOL					DATE	
REVISION					NUMBER 166-000	
BY					CHKD. BY	
DATE					DATE	
C. O. NO.					SHEET OF SHEETS	
CHD.					DATE OF PRINT	

DO NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEG. PLACES ± .02
XXX DEG. PLACES ± .005
FRAC. DIM. ± 1/64 ANG. DIM. ±

166-408



166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEMB.	QTY. FINAL ASSEMB.

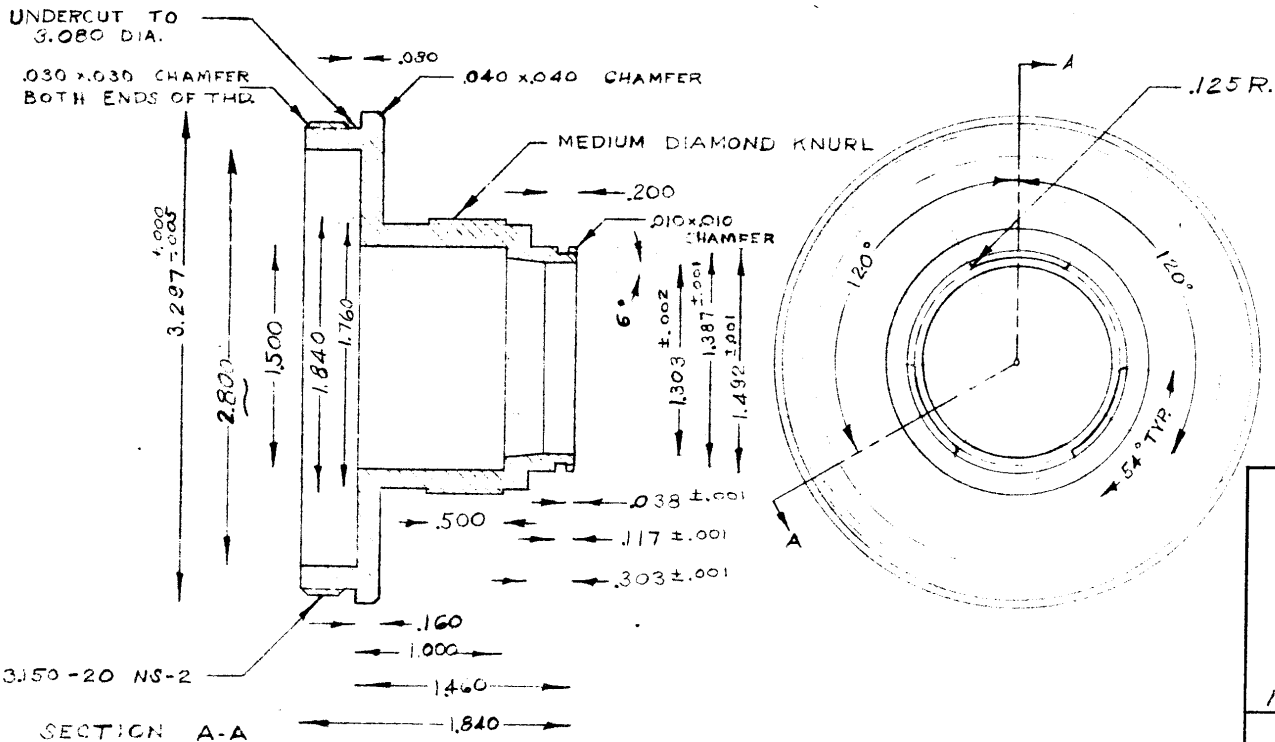
						UNLESS OTHERWISE SPECIFIED, REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.		DATE		NAME			
						MATERIAL		WT.		TUBES FOCUSING STAT			
						ALUM. ALLOY TUBE 6061-T6							
						HEAT TREATMENT		T. S.		SCALE		DR. BY	
FINISH		BLACK ANODIZE		1:1		WPN		11/21/53		166-408			
SYM.	REVISION	BY	DATE	C. O. NO.	CHKD.	APPROVED		DATE		SHEET		OR SHEETS	

DATE OF PRINT

DO NOT SCALE DWG. WORK TO FIGURES AND
TOLERANCE UNITS

XX DEC. PLACES + .02
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FRAC. DIM. ± 1/64 ANG. DIM. ± 15'

166-403

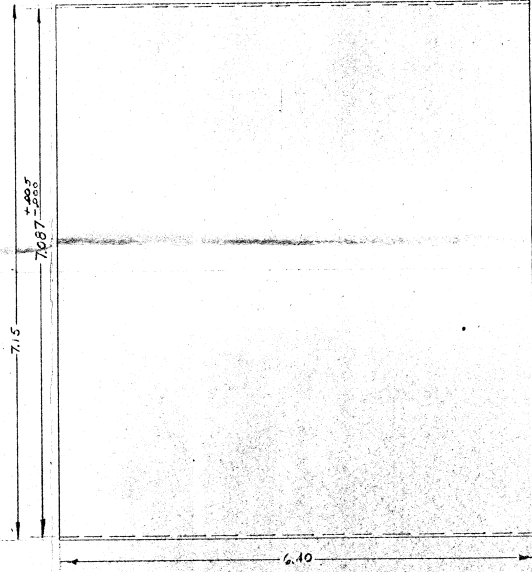
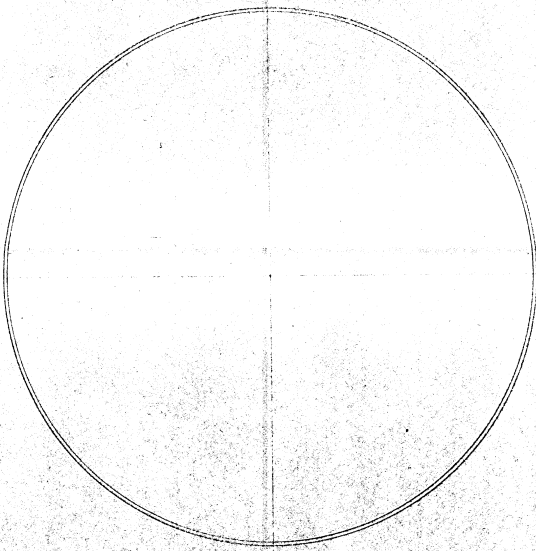


166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

						UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.		NAME	
						MATERIAL		ADAPTOR - EXAKTA STAT	
						ALUM. ALLOY 2024-T4			
						HEAT TREATMENT			
						T. S.			
						FINISH		SCALE	
						BLACK ANODIZE		1:1	
						APPROVED		DR. BY	
								WFN 11/21/55	
						DATE		NUMBER	
								166-403	
						CHKD. BY		CHG.	
						SHEET		OF SHEETS	
						DATE OF PRINT			

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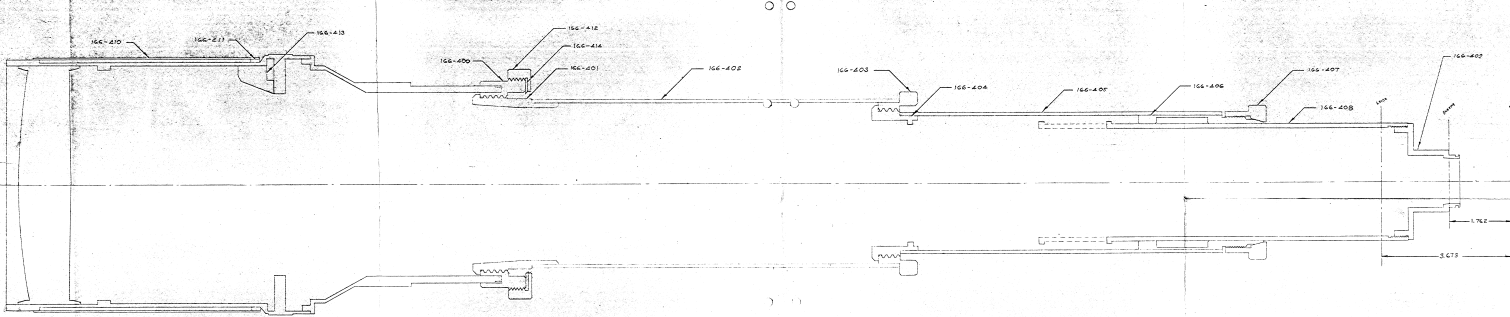
XX DEC. PLACES ± .02
XXX DEC. PLACES ± .005
FRAC. DIM. ± 1/64 ANG. DIM. ±



166-A10

166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.						NAME Hood - LENS STAT	
MATERIAL		WT.		HEAT TREATMENT		SCALE	
ALUM. ALLOY		32S		T. S.		1:1	
FINISH		BLACK ANODIZE		DR. BY		DATE	
				WPH		11/25/51	
				CHKD. BY		NUMBER	
						166-A10	
						SHEET	
						OF	
						SHEETS	
						DATE OF PRINT	

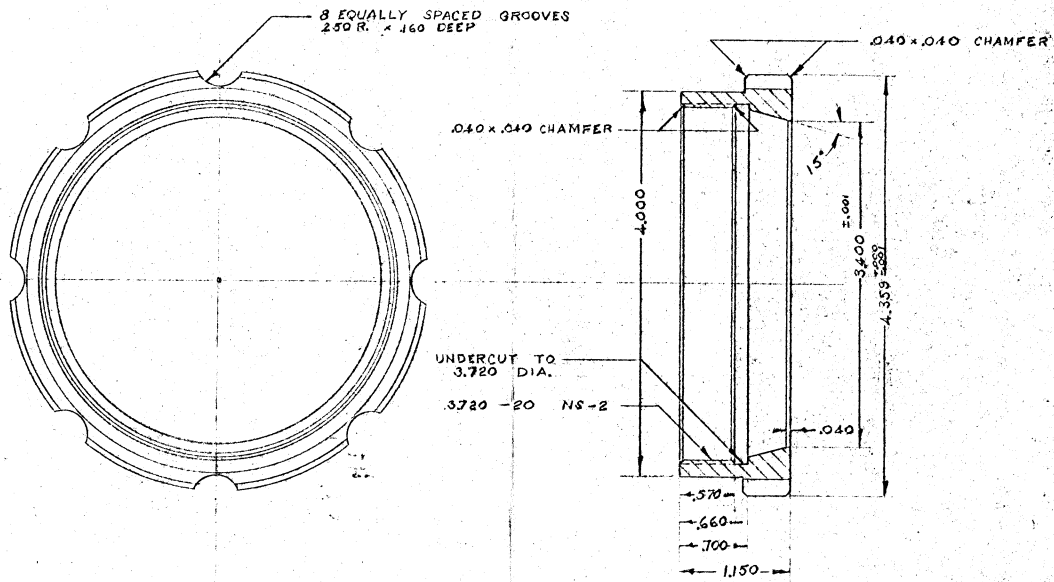


REVISIONS		DATE	BY
PART NAME			
LENS ASSEMBLY			
DRAWN BY			
166-100			

166-407

NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEC. PLACES ± .02
XXX DEC. PLACES ± .005
FRAG. DIM. ± 1/64 ANG. DIM. ± 15'

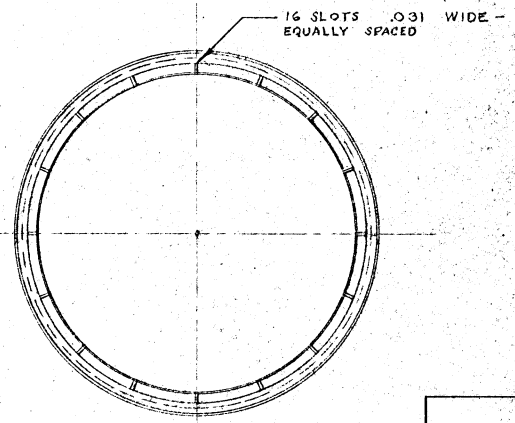
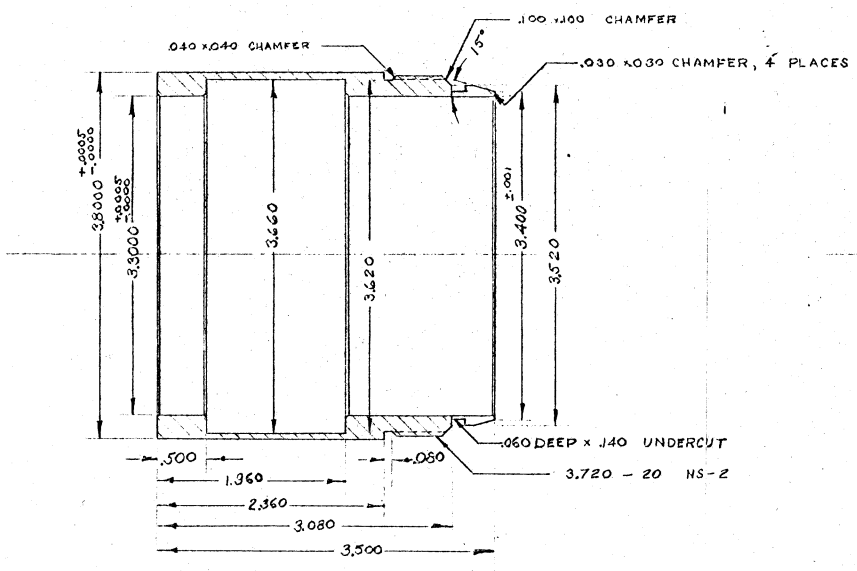


166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEMB.	QTY. FINAL ASSEMB.

						UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.		NAME RING - LOCK STAT	
						MATERIAL ALUM. ALLOY 2024-TA	WT.	DATE	
						HEAT TREATMENT T. 3.		APPROVED	
						FINISH BLACK ANODIZE		DATE	
SYM.	REVISION	BY	DATE	C. O. NO.	CHKD.	DATE OF PRINT			

166-406

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XXX DEG. PLACES ± .005
FRAC. DIM. ± 1/64 · ANG. DIM. ± 15'



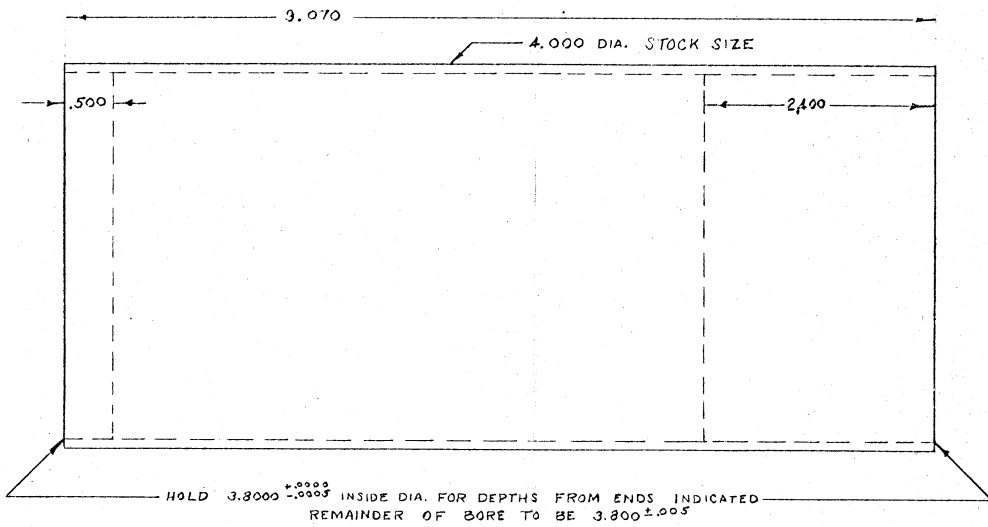
166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

					UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.		NAME RING - SMALL TUBE - STAT.	
					MATERIAL	WT.	DATE	
					ALUM. ALLOY 2024-T4			
					HEAT TREATMENT		T. S.	
					FINISH		SCALE	
					BLACK ANODIZE		1:1	
					DR. BY		DATE	
					WEN		11/8/55	
					CHKD. BY		NUMBER	
							166-406	
					SYN.		SHEET OF SHEETS	
					REVISION		DATE OF PRINT	
					BY			
					DATE			
					C. O. NO.			
					CHKD.			

166-405

DO NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEC. PLACES ± .02
XXX DEC. PLACES ± .005
FRAC. DIM. ± 1/64 ANG. DIM. ±



166-100	1	1
NEXT ASSEMBLY	QTY. NEXT ASSEM.	QTY. FINAL ASSEM.

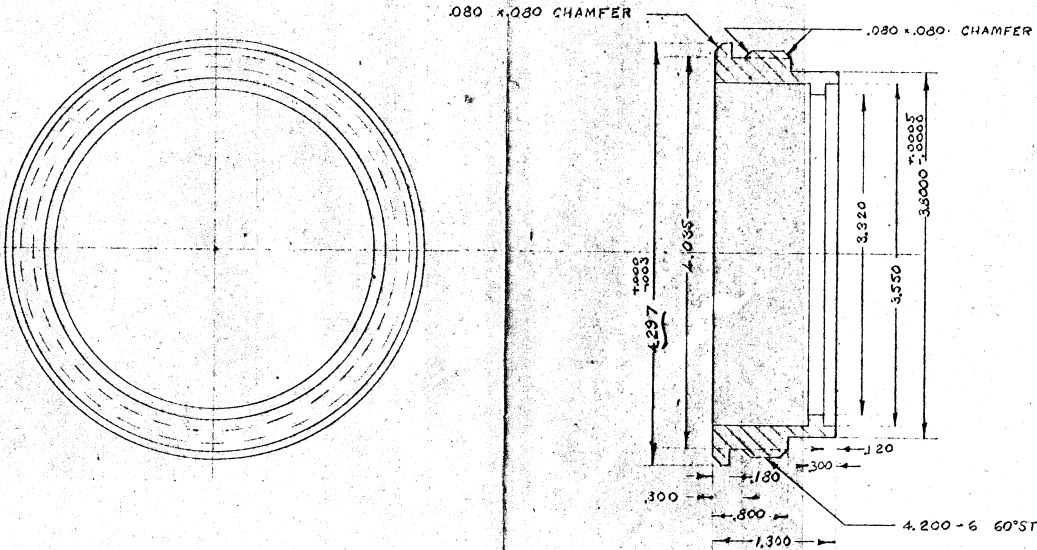
UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.					
MATERIAL	WT.		DATE		
ALUM. ALLOY TUBE 6061-T6					
HEAT TREATMENT	T. S.				
FINISH	BLACK ANODIZE		APPROVED		
SYM.	REVISION	BY	DATE	C. O. NO.	CHKD.

NAME					
TUBE - SMALL STAT					
SCALE	DR. BY	DATE	NUMBER	CHG.	
1:1	WFN	11/21/85	166-405		
CHKD. BY	DATE	SHEET OF SHEETS			

NOT SCALE DWG. WORK TO FIGURES AND TOLERANCE UNLESS OTHERWISE SPECIFIED.

XX DEC. PLACES ± .02
XXX DEC. PLACES ± .005
FRAC. DIM. ± 1/64 ANG. DIM. ±

166-404



						UNLESS OTHERWISE SPECIFIED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.		NAME	
						MATERIAL		WT.	
						ALUM. ALLOY 2024 - T4		SCALE	
						HEAT TREATMENT		T. S.	
						FINISH		DATE	
						BLACK ANODIZE		11/18/35	
SYM.						REVISION		BY	
						DATE		DATE	
						C. O. NO.		NUMBER	
						CHKD.		166-404	
								SHEET OF SHEETS	