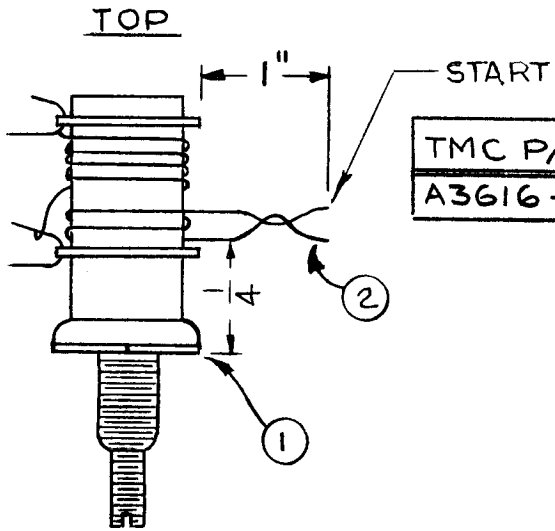


REQ. PER UNIT	USED ON			A3616	Ø
	MODEL	ASS'Y. NO.	DATE		
1	CSS-2		9.2.1964		



TMC P/N	① COIL	LINK TURNS	② WIRE	WIRE SIZE	IND.		MIN Q AT IND.		TEST FREQ.
A3616-1	CL-337-1	2	W1141-34-5	34AWG	MIN	MAX	MIN	MAX	
					.87μh	1.3μh	75	65	25MC

PROCEDURE:

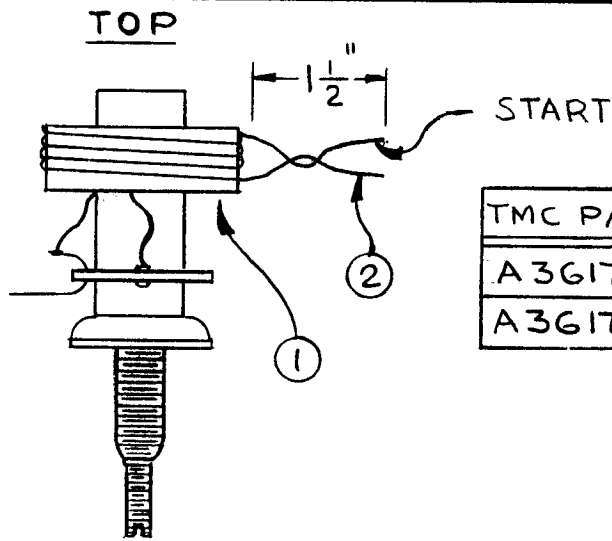
1. WIND LINK ITEM ② ON ITEM ①, WIND LINK COUNTER CLOCKWISE WHEN VIEWING COIL FROM TOP.
2. TWIST LEADS. LEADS SHOULD TERMINATE 180° FROM LUGS.
3. SATURATE COIL IN Q DOPE.

NOTE:

1. WIND SECONDARY OVER PRIMARY, STARTING AT BOTTOM OF PRIMARY
2. SECONDARY RESISTANCE APPROXIMATELY "0"

X	3	GL130	ADHESIVE, Q DOPE	
X	2	W1141-34-5	WIRE, ELEC. MAG. T	
1	1	SEE CHART	COIL, RF, TUNED	
REQ. ITEM	PART NO.		GELLMAN DESCRIPTION	SYMBOL
— # —			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE			TRANSFORMER,	
— # —			RF, ASSY	
MATERIAL			hb	@ 10-1-64
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
— # —		hb	hb	A3616
FINISH & SPEC. NO.			ELEC. DES. APP.	MECH. DES. APP.

Ø	ORIGINAL RELEASE FOR PRODUCTION	10-1-64	+	g.f		
X	EXPER. RELEASE	9.2.64	+	hb		
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE				
DECIMALS .x ± .05 .xx ± .01 .xxx ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'		CODE A		
TOLERANCES						



REQ. PER UNIT	USED ON			A3617	Ø
	MODEL	ASS'Y. NO.	DATE		
1	CSS-2		9.2.1964		

TMC P/N	① COIL	LINK TURNS	② WIRE	WIRE SIZE	MIN IND RANGE/Hz		MIN Q AT IND		FREQ
					MIN	MAX	MIN	MAX	
A3617-1	CL283-7	8T	WI141-34-2	34	61	122	65	50	2.5 MC
A3617-2	CL283-10	20T	WI141-34-2	34	440	800	85	85	790KC

PROCEDURE:

1. WIND LINK ITEM ② ONTO ITEM ①, WIND COUNTER CLOCKWISE, WHEN VIEWED FROM TOP OF COIL.
2. TWIST LEADS TOGETHER. LEADS SHOULD TERMINATE 180° FROM LUGS.
3. SATURATE WITH Q DOPE.

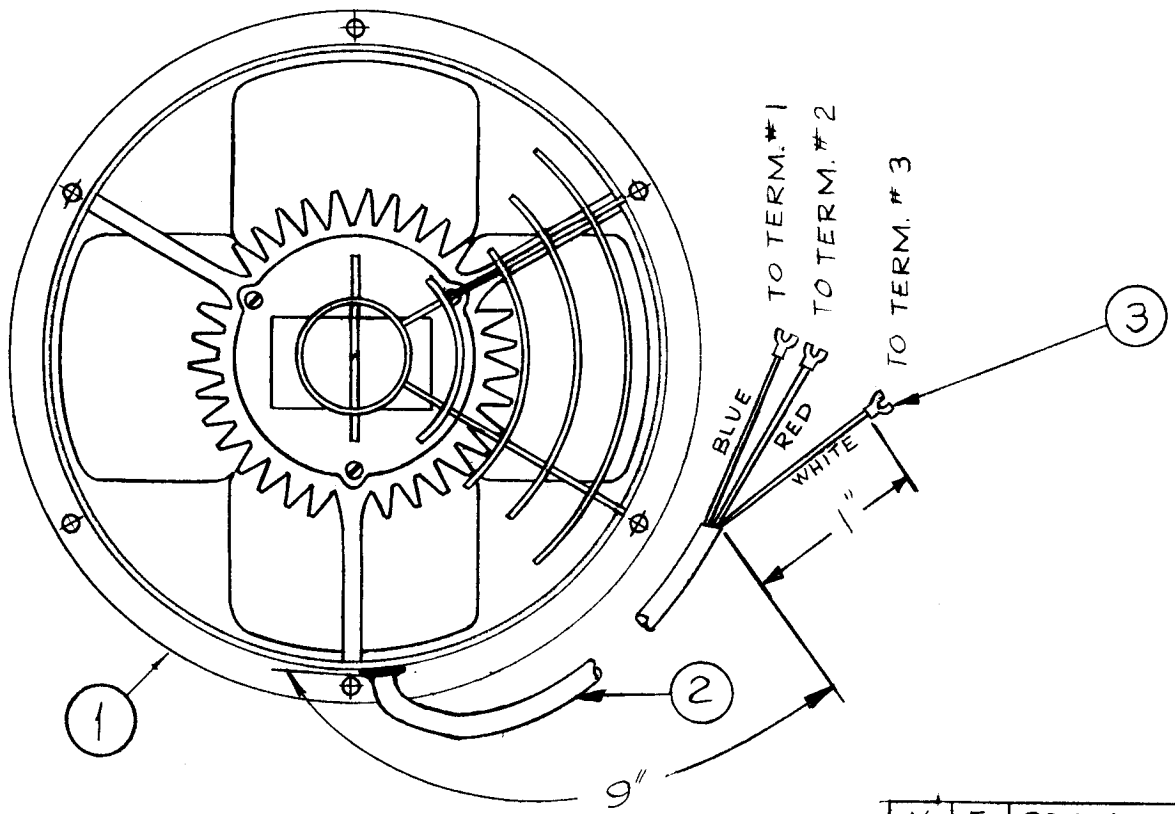
NOTE:

SECONDARY RESISTANCE APPROXIMATELY "0"

X	3	GL130	ADHESIVE, Q DOPE	
X	2	WI141-34-2	WIRE, MAGNETIC	
1	1	SEE CHART	COIL, RF, TUNED	
REQ. ITEM	PART NO.		GELLMAN DESCRIPTION	SYMBOL
— / —			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
— # —			TRANSFORMER, RF, ASSY	
— # —			WB	@ 10-1-64
TYPE & TEMPER			HEAT TREAT. SPEC.	FINAL APPROVAL
— # —			WB	OK
FINISH & SPEC. NO.			ELEC. DES. APP.	MECH. DES. APP.
			A3617	Ø

Ø	ORIGINAL RELEASE PRODUCTION	10.1.64	—	W.F.		
X	EXPER. RELEASE	9.2.64	—	WB		
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE				
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'		CODE A		
TOLERANCES						

REQ. PER UNIT	USED ON			A 3620 \emptyset
	MODEL	ASS'Y. NO.	DATE	
1	RAK-31A	A-3666	5-4-64	



X	5	CD101-1MW	CORD, LACING	
X	4	BS100	SOLDER, TIN ALLOY	
	3	TE120-2	TERM. LUG, SPADE	
0.9"	2	PX100-1-186	INSULATION, SLEEVING	Black
1	1	BL121	FAN, TUBEAXIAL	
REQ. ITEM		PART NO.	STURMER DESCRIPTION	SYMBOL

\emptyset	ORIGINAL RELEASE FOR PRODUCTION	6/16/64	\emptyset	A.M.		
X2	ITEMS 5 & 9" ADDED	6/15/64	X2	A.M.	@	<i>[Signature]</i>
X1	ITEM 3 ADDED, WIRING DETAIL DELETED 5 WAS MS 3420-10A, 7 WAS PX100-1-204 3 WAS MS 3057-6, 4 WAS MS-3420-6A	6-12-64	#	SRG		<i>[Signature]</i>
X	ITEMS, 2 WAS MS310BA14S-2P					
	EXPERIMENTAL RELEASE					
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE $\frac{1}{1}$				
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	TOLERANCES	FRACTIONS \pm 1/64 ANGLES \pm 0° 30'	CODE A			

STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MATERIAL		FAN/TERMINAL ASS'Y			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
		John C Biele @ 6-16-64	<i>[Signature]</i> 6-16-64	A 3620 \emptyset	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.		

SYMBOL(S)	ITEM NO.	USED TO MOUNT	QTY	REQ. PER UNIT	USED ON			A3642	Ø
					MODEL	ASS'Y. NO.	DATE		
				1	LFSA-1/AX475	AX475	4/6/65		

3	A3313	2
4	A3313	2

2	4	SCBP0440BN4	SCR, MACH
2	3	SC131-0440BN4	SCR, MACH-UNDOCT
1	2	MS3609	FR, MTG, PC BD
1	1	A3313-5	PC BD, FNL ASSY

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL			
			<i>POSE</i>				
			THE TECHNICAL MATERIEL CORP.				
			MAMARONECK, NEW YORK				
			AX475 SUBASSEMBLY				
Ø	ORIGINAL RELEASE FOR PRODUCTION		<i>6/24/65</i>				
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE					
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° 30'	TOLERANCES	CODE				
		TYPE & TEMPER	HEAT TREAT. SPEC.	ENG COORD	DRAWN	CHECKED	FINAL APPROVAL
				<i>L. S. Gabil</i> <i>6-29-65</i>		<i>A. M. King</i> <i>6/24/65</i>	
		FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	A3642		Ø