DATE 6/8/56 SH. 1 OF 6 COMPILED BY	TMC SPECIFICATION NO. S-297
	TITLE: PRODUCTION TESTING OF CAB/FRAME (TMC PART #A-958) JOB E271P
APPROVED	

COMPLETE INSTRUCTIONS

for the

PRODUCTION TESTING

of the

CABINET/FRAME, TMC PART NO. A-958

DATE 6/8/56 SH. 2 OF 6 COMPILED BY	TMC SPECIFICATION NO. S-297	
APPROVED	TITLE: PRODUCTION TESTING OF CAB/FRAME (TMC PART #A-958)	JOB E271P

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DATE 6/8/56 SH. 3 OF 6 COMPILED BY	TMC SPECIFICATION NO. S-297	
	TITLE: PRODUCTION TESTING OF CAB/FRAME (TMC PART #A-958)	JOB E271P
APPROVED [signature] AJT	Page Issued A	

1) Purpose and Description:

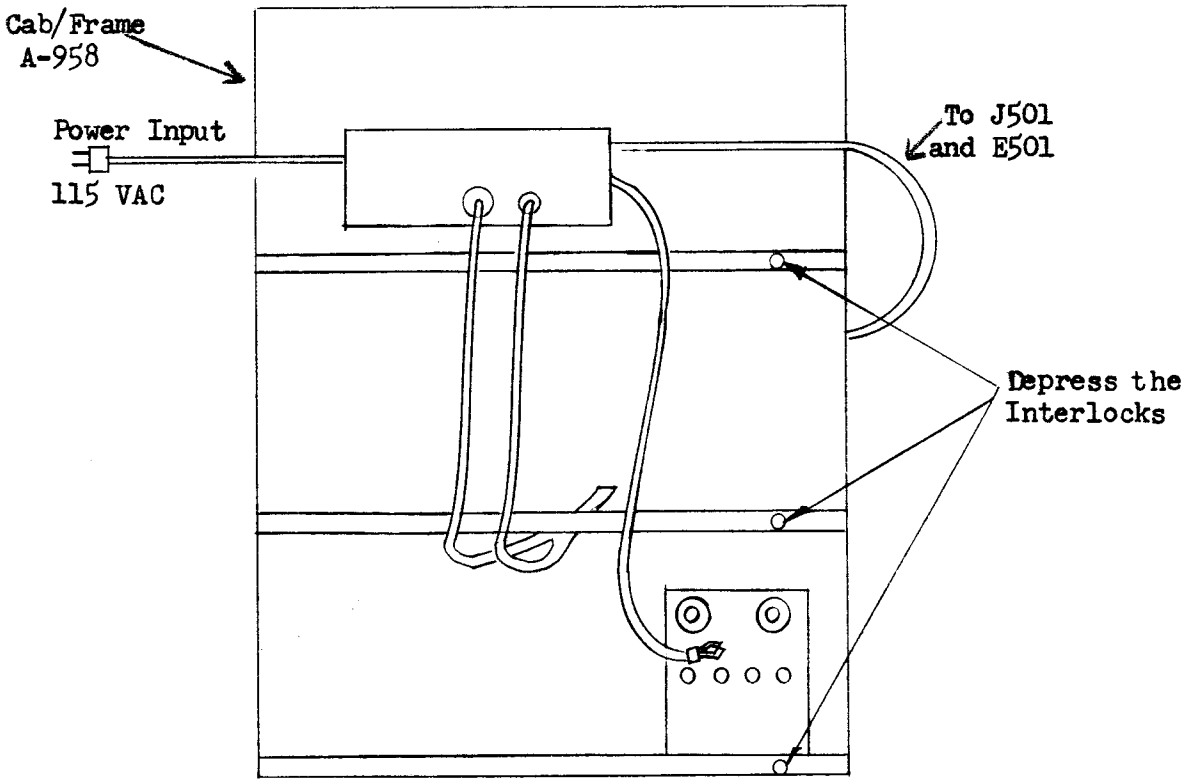
(see Instruction Book)

2) Test Equipment Required:

a. Cabinet/Frame, A-958
Test Unit, 8-829

b. Ohmmeter, Simpson, Model 260 or equivalent

3) General Instrument Layout:



4) Test Instructions:

a. Proceed as outlined in Test Sequence and Procedure, paragraph #5 to follow.

b. Fill in blanks on Report Sheet, rejecting thos units which do not meet the specifications stated her in.

c. Sign Report Sheet and submit it to your supervisor.

5) Test Sequence and Procedure:

A General Inspection:

a. Inspect the unit for obvious Mechanical and Electrical errors and be sure that all screws are tight.

b. Inspect the Interlock switches and be sure that they are mounted correctly. Refer to S-292 if readjustment is necessary.

c. Inspect the High Voltage Transformer for proper placement of jumpers and cable connections.

d. Be sure that all by-pass condensers are properly wired and all are present. Reference must be made to CK-330 or to CK-321.

B Continuity Test:

a. Connect the Test Unit as shown in paragraph #3, General Instrument Layout.

b. Turn on the Power

c. Turn the switch S-1 slowly through all positions, observing the light L-1.

The pilot indictor should light in all positions. If on one or more positions the indicator does not light, take action as stated in the chart for the location of faulty connector.

NOTE: If pilot indicator does not light in positions 21 and 22 of S-1, depress the polarity switch S-2. If indicator still does not light, refer to the chart for the location of faulty connector.

C Blower, B-501:

a. Depress the blower switch S-3.

The blower must then run. If not, refer CK-321 .

	POSSIBLE LOCATION OF FAULT								
S1 POS.	PIN	PART	PIN	PART	S1 POS.	PIN	PART	PIN	PART
1	A	P501	1	E501	20	L	P502	C	P502
2	F	P501	2	----	21	K	P502	1 or 2	J501
3	L	P501	3	----	22	J	P502	1 or 2	J501
4	C	P501	4	----					
5	W	P502	5	----					
6	H	P502	6	----					
7	B	P502	7	----					
8	M	----	8	----					
9	C	----	9	----					
10	B	----	10	----	23	I	P502	6	T501
11	E	----	11	----					
12	P	----	12	----					
13	U	----	P	P501					
14	V	----	S	P501					
15	X	----	R	P501					
16	T	----	H	P501					
17	S	P502	N	P501					
18	D	P502	One or more interlocks improperly wired. Use Ohmmeter to determine such faults.						
19	A	P502	Gnd J501						

Pin 1 or 2 is determined by the polarity switch S-2.

When all of the prec ding tests have b en successfully completed, the Unit must be plac d in its final form, cover plates on, etc., and prepared for shipment. On copy of Report Sheet shall b enclosed with each Cabin t/Frame, A-958.

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SAMPLE

REPORT SHEET

CABINET/FRAME, A-958

		ACCEPT	REJECT
TEST A:	General Inspection	------	------
TEST B:	Continuity Test	------	------
TEST C:	Blower, B-501	------	------

Serial Number _____ Accepted ------

Date _____ Rejected ------

Tested By: _____

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

S-297

MODEL _____ PROJECT NO E-271P

DATE	REV.	PAGE	ITEM	DESCRIPTION	REMARKS	CHK.	APP.
12/13/56	A	3	-	#2 A. changed from 8-825 to 8-829		OKP	A.J.I.
"	A	5	--	#C A. reference to CK-321 added			