DATE 6/8/56 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

> $\mathbf{of}$ the

CABINET/FRAME, TMC PART NO. A-958

DATE 6/8/56
SH. 2 OF 6
COMPILED BY

# TMC SPECIFICATION NO. S -297

TITLE: PRODUCTION TESTING OF CAB/FRAME (TMC PART #A-958) JOB E271P

APPROVED A.J.

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- 1) Purpose and Description
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- 4) Test Instructions
- 5) Test Sequence and Procedure
- 6) Sample Report Sheet

TITLE: PRODUCTION TESTING OF CAB/FRAME (TMC PART #A-958 )JOBE271P

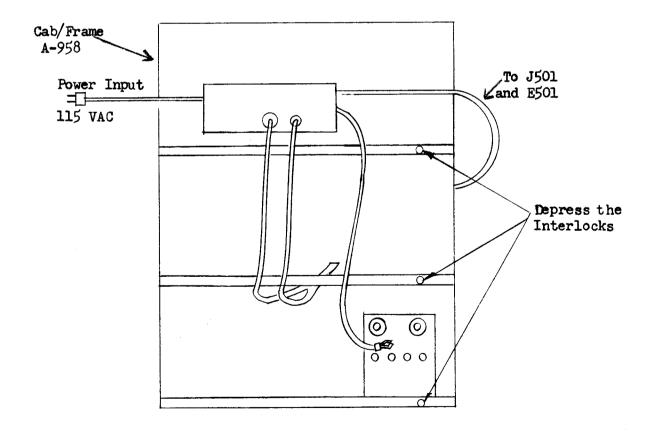
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1) Purpose and Description:

(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:



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#### 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.

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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

				FAULI						
F   P501   2     21   K   P502   lor2   J501   Pin		PIN	PART	PIN PART			PART	PIN	PART	
F   P501   2     21   K   P502   lor2   J501   Pin	1	A	P501	1 E501	20	L	P502	C	P502	n n
1	2						P502	lor2		Pin 1
C   P501	3	Ī		3				lor2		
7       B       P502       7        polarity         8       M        9        23       I       P502       6       T501         11       E        11        23       I       P502       6       T501         11       E        12        12        12        12        12        12        12        13       U        9       P501       P501       P501       P501       P501       P501       P502       N       P501       P502       N       P501       P502       P502 <td></td> <td></td> <td></td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>				4						
7       B       P502       7        polarity         8       M        9        23       I       P502       6       T501         11       E        11        23       I       P502       6       T501         11       E        12        12        12        12        12        12        12        13       U        9       P501       P501       P501       P501       P501       P501       P502       N       P501       P502       N       P501       P502       P502 <td>5</td> <td>W</td> <td></td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td>dete</td> <td>ermined</td>	5	W		5					dete	ermined
8       M        8        switch S         9       C        9        10        23       I       P502       6       T501         11       E        11        12        12        12        12        13       U        P501       11       V        S       P501       P501       P502       N       P501       P502       P502       N       P501       P502       P502 <td>6</td> <td>Н</td> <td></td> <td>6</td> <td></td> <td></td> <td>į.</td> <td></td> <td>by t</td> <td>he</td>	6	Н		6			į.		by t	he
8       M        8        switch S         9       C        9        10        23       I       P502       6       T501         11       E        11        12        12        12        12        13       U        P501       11       V        S       P501       P501       P502       N       P501       P502       P502       N       P501       P502       P502 <td>7</td> <td>В</td> <td>P502</td> <td>7</td> <td></td> <td>1</td> <td></td> <td></td> <td>pola</td> <td>rity</td>	7	В	P502	7		1			pola	rity
10 B 10 23 I P502 6 T501  11 E 11  12 P 12  13 U P P501  11 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.	8	M		8	1				swit	ch S-2
10 B 10 23 I P502 6 T501  11 E 11  12 P 12  13 U P P501  11 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.	9	C		9	$\mathbb{I}$	<u> </u>				
12       P        12        13       U        P       P501       11       V        S       P501       15       X        R       P501       16       T        H       P501       17       S       P502       N       P501       10 </td <td>10</td> <td>В</td> <td></td> <td>10</td> <td>23</td> <td>I</td> <td>P502</td> <td>6</td> <td>T501</td> <td></td>	10	В		10	23	I	P502	6	T501	
12  P	11	E								
17 S P502 N P501  18 D P502 One or more interlocks improperly wired. Use Ohmmeter to determine such faults.	12				11.	}	-	*		
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interlocks improperly wired. Use Ohmmeter to determine such faults.	17	S	P502	N P501	ľ			į		
improperly wired. Use Ohmmeter to determine such faults.	18	D	P502	One or more	B			, gg-ris-y-au		
	19	A	P502	improperly wired. Use Ohmmeter to determine faults.	8	A THE CONTRACT OF THE CONTRACT		A STATE OF THE STA	e - Aller Andrea de la Antonia	ende de la companya d
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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.

DATE 6/8/56 SH. 6 OF 6	TMC SPECIFICATION NO. S-297							
COMPILED BY	TITLE: PRODUCTION T	ESTING OF C	CAB/FRAME	(TMC PAR	г # <b>А-</b> 95 <b>8 }ов</b> Е2			
APPROVED MA	PASS							
- VC								
	\$	SAMPLE						
	•							
-	REPO	ORT SHEET						
	CABINET	FRAME, A-95	58					
	·							
				ACCEPT	REJECT			
TEST A	General Inspecti	on						
	a							
TEST B	Continuity Test							
TEST C	Blower, B-501							
	•							
Serial	Number_		Ac	cepted -	, e er el 10			
Date_			Re	ejected -				
		1	Mested By:		<u> </u>			

REVISION SHEET THE TECHNICAL MATERIEL CORP. S-297 PROJECT NO \_\_\_E-271P MODEL \_\_\_\_ DATE REV. PAGE ITEM DESCRIPTION REMARKS CHK. APP. 12/13/\$6 A #2 A. changed from 8-825 to 8-829 AJ.T. #C A. reference to CK-321 added