

DATE <u>13 December 1963</u>		TMC SPECIFICATION NO. S-811	B
SHEET <u>1</u> OF <u>5</u>			
RDV COMPILED	<i>NP</i> CHECKED	TITLE:	
APPROVED <i>BP</i>			

TEST PROCEDURE BPS-1

DATE 13 December 1963

SHEET 2 OF 5

TMC SPECIFICATION NO. S -811

B

RDV
COMPILED

MP
CHECKED

TITLE: TEST PROCEDURE BPS-1

APPROVED

I. TEST EQUIPMENT

1. Power Supply - Harrison Model 865B or equivalent.
2. VOM - Simpson Model 260 or equivalent.
3. Test Jig as per Fig. 1.

II. PRELIMINARY

1. Before testing this unit, be sure that all four (4) fuses are in place and have the correct value.
2. Check unit for mechanical and wiring defects.

III. CONDITION TESTS

1. Insert all four (4) 24V batteries into the unit. NOTE: Be sure that the batteries measure 26V \pm .5V before being inserted into the unit.
2. Turn the FUNCTION switch to BATT #1 CONDITION, and adjust R1004 so that the pointer on the meter rests on ~~dead~~ center, i.e.: .35 amp.

IV. DISCHARGE AND CHARGE TESTS

1. Switch the toggle switch on the TEST-JIG to the OFF position.
2. Connect PLUG MS3106A14S-6P to J1006 BATT #2. NOTE: Do not connect the power supply to the TEST JIG at this time.
3. Turn the FUNCTION switch to BATT #2 DISCHARGE and switch the toggle switch on the TEST JIG to "ON". The meter on the BPS should read 240 m.a. \pm 10%.
4. Switch the toggle switch back to the "OFF" position.
5. Adjust the Power Supply to 27V output.
6. Turn the FUNCTION switch to BATT #2 CHARGE.
7. Connect the Power Supply to the TEST JIG as per Fig. 1.
8. Adjust the Voltage on the Power Supply to obtain 300 m.a. on the Power Supply meter.

DATE <u>13 December 1963</u>		TMC SPECIFICATION NO. S -811	B
SHEET <u>3</u> OF <u>5</u>			
COMPILED ^{BDV}	<i>MP</i> CHECKED	TITLE: TEST PROCEDURE BPS -1	
APPROVED			

9. The meter on the BPS should read 300 m.a. $\pm 10\%$.
10. Disconnect Plug MS-3106A 14S-5P from the BPS.
11. Disconnect the Power Supply from the TEST-JIG.
12. Connect Plug MS3106A14S-2P to J1005 BATT #1 on the BPS.
13. Repeat Steps 1 - 9 above.
14. Disconnect Plug MS3106A14S-2P from the BPS. This concludes the production testing of the BPS.

DATE 13 December 1963

SHEET 4 OF 5

TMC SPECIFICATION NO. S-811

B

RDV
COMPILED

2-14-64
CHECKED

TITLE: TEST PROCEDURE BPS-1

APPROVED

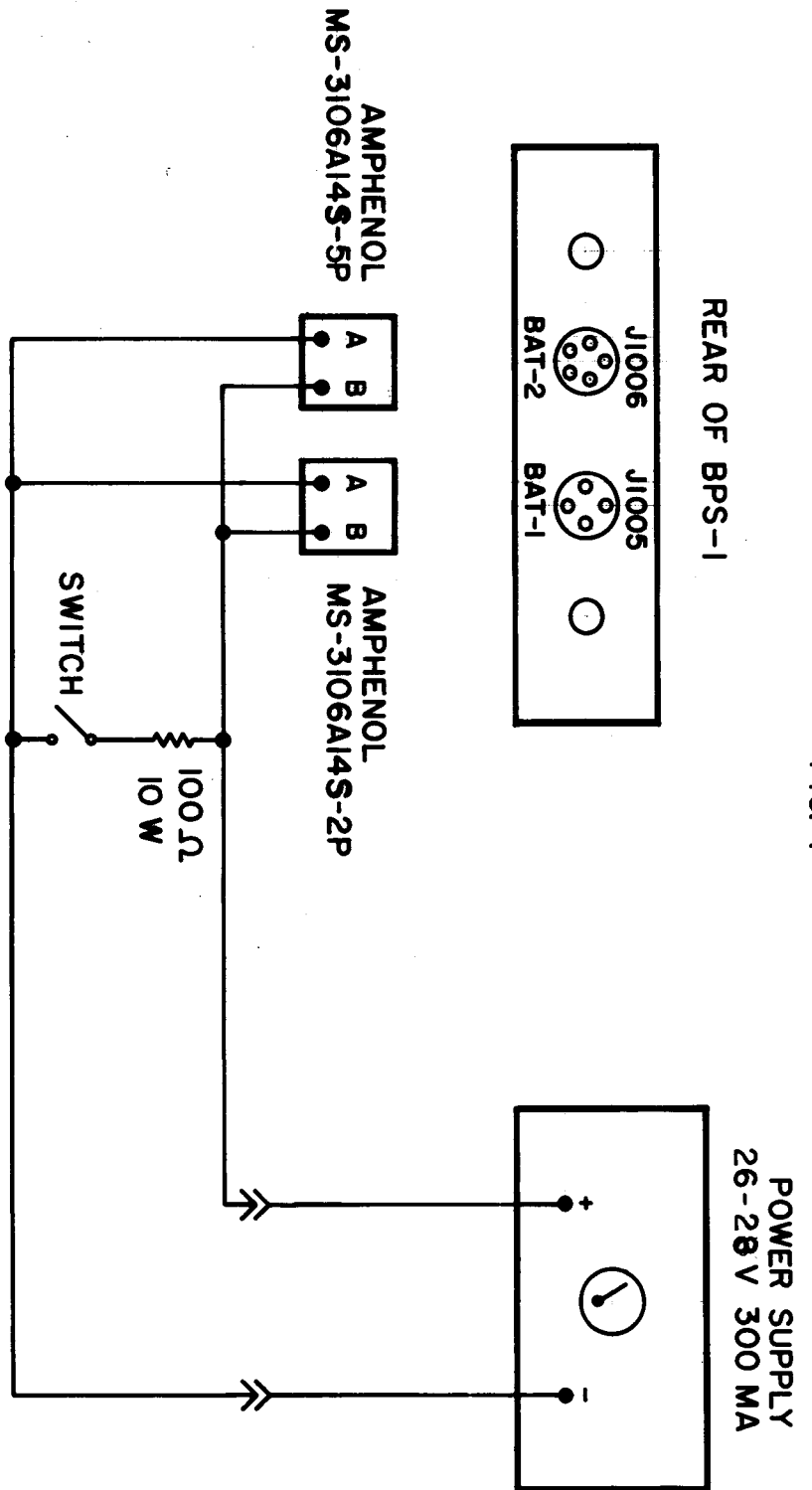


FIG-1

DATE 13 December 1963

SHEET 5 OF 5

TMC SPECIFICATION NO. S -811

B

NP
COMPILED

VP
CHECKED

TITLE: TEST PROCEDURE BPS-1

APPROVED

THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, N.Y.

BPS-1 TEST DATA SHEET

SERIAL NO.: _____

MFG. NO.: _____

- II. (1) Fuses _____ OK
- (2) Mechanical Check _____ OK
- Wiring Check _____ OK

III. (1) Battery Voltage 26V.+.5V _____ OK

IV.		BATT #2	BATT #1
(3) BPS meter 240MA+10%	_____	MA	_____ MA
(9) BPS meter 300MA+10%	_____	MA	_____ MA

DATE: _____

TESTER: _____

