

DATE January 17, 1963

SHEET 1 OF 3

TMC SPECIFICATION NO. S-740

A

NP
COMPILED

N.P.
CHECKED

TITLE:

APPROVED

BP

TER-500-70 TEST PROCEDURE

DATE January 17, 1963
SHEET 2 OF 3

TMC SPECIFICATION NO. S -740

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TITLE: TER-500-70 TEST PROCEDURE

APPROVED

A. TEST EQUIPMENT REQUIRED

1. VOM, Simpson Mo. 260 or equivalent.
2. PAL-1K or equivalent.

B. PROCEDURE

1. Check all mechanical connections to see that they are secure.
2. Check the spacing of the spark gap. This should be set for 1/16 inch.
3. Connect the VOM between the center contact and shell of the connector on top of the TER unit. The resistance should be 70 ohms +10%.
4. ~~Apply~~ **POWER TEST** unit in series with a 5 A. RF meter to the trans-
mitter. Check at 2, 14, and 30 mc with not more than 2.6 amps of current.
Connect the TER unit in series with a 5A. RF meter to the trans-
mitter. Check at 2, 14, and 30 mc with not more than 2.6 amps of current
at 5 minutes per freq.
5. After Power Test, check load resistors for any defects.

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SHEET 3 OF 3

TMC SPECIFICATION NO. S-740

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TITLE: TER-500-70 TEST PROCEDURE

APPROVED

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, N.Y.

TER-500-70 TEST DATA SHEET

SERIAL NO. _____

MFG. NO. _____

B-1 Mechanical errors _____ OK

B-3 Resistance Check 70 ohms +10% _____ ohms

B-4 Power Test _____ OK

B-5 Load Resistor Check _____ OK

DATE _____

TESTER _____

