

DATE 12/7/60  
SH. 1 OF 2

TMC SPECIFICATION NO. S - 10057

COMPILED BY  
R.W.T.

TITLE: OPERATIONAL INSTRUCTIONS FOR MODEL

JOB

APPROVED *RWJ*

CATU-1K

*acc*

OPERATIONAL INSTRUCTIONS

FOR THE MODEL

CATU-1K

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SH. 2 OF 2

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APPROVED *R.W.T.*

CATU-1K

*See/*

OPERATIONAL INSTRUCTIONS

- 1.1. With the toggle switch on the CATU-1K in the 'OUT' position tune the transmitter in the normal way to deliver the rated output power.
- 1.2. Turn the 'DRIVE' control in the transmitter down to minimum and turn the toggle switch on the CATU-1K, to the 'IN' position. Ensure that the 'Frequency Range' switch on the CATU-1K is in the appropriate position and then turn up the transmitter drive until the P.A. plate current shows an increase of 100% over the 'no-drive' value.
- 1.3. Turn the tuning knob on the CATU-1K until a peak is observed on its meter. Increase the drive and readjust the CATU-1K tuning alternately until the original power output is obtained.
- 1.4. Next adjust the CATU-1K tuning together with the transmitter 'Antenna Loading' control to reduce the transmitter antenna current reading to about 50% of the value obtained in step 1.3, maintaining the CATU-1K meter reading constant and ensuring that the transmitter screen and plate currents do not exceed 90 mA and 600 mA respectively.