FE-788 LT-NOTE

FEDERAL COMMUNICATIONS COMMISSION
Field Engineering Bureau
Washington, D. C. 20555

File in ATKO Instns FILE

May 31, 1967
Project XT-18
File: 1220

TO ENGINEERS IN CHARGE (FOD)

PROJECT TITLE: New Code Keyers for Examination Use

SUBJECT: Improvements in Atko Mini-Keyer Reliability

The Engineer in Charge, Buffalo has supplied information which specifies a method for correcting erratic operation of the Mini-Keyer keyer arm. The pertinent portions of this report are as follows:

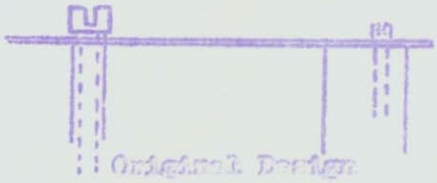
"During the recent license examinations at Pittsburgh, Pa., it was found that the examiner's Atko Keyer acted in an intermittent manner during a preliminary inspection of the equipment.

"When the defective keyer was returned to the office it performed perfectly. The engineer advised that he had determined that the upper "pecker arm" definitely did not work satisfactorily during his inspection runs.

"It was determined that the erratic pecker arm action became evident when the metal cover plate was moved over so as to bear against the pecker arm bearing. In this particular unit the metal cover plate is low enough to permit this to occur. A slight pressure from the cover plate will render the unit inoperative or at least embarrassing for code test purposes.

"CORRECTIVE ACTION: We removed the plate and bent it upwards so as to prevent the plate from contacting the pecker arm bearing. The plate now rests at the middle of the large screw head and is quite stationary.

"These units are individually manufactured. It was noted that our second keyer had a smaller hole for the large screw head and, therefore, the plate could not interfere."



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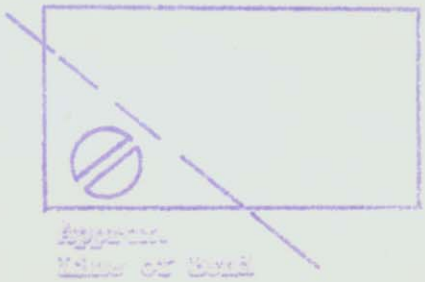

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