

R E S T R I C T E D

NATIONAL HEADQUARTERS
CIVIL AIR PATROL
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NEW YORK 18, NEW YORK

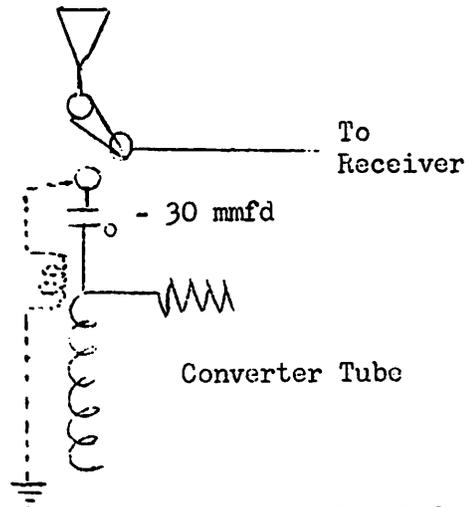
C-LP Circular)
No. 20)

1 October 1943

CAP MEDIUM-HIGH FREQUENCY RADIO CONVERTER

1. The following memorandum has been submitted to this Headquarters by CAP Coastal Patrol No. 20, setting forth procedure developed by that unit in the use of the CAP medium-high frequency radio converter.

"Referring to the schematic diagram of the converter, the only change made is to use capacitive coupling to the grid of the tube, instead of inductive coupling. We used a 0 to 30 mmfd variable padder. This change broadened the signal considerably, making it easier to pick it up, also increased the sensitivity remarkably. Before this change was made, we experienced great difficulty from receiving desired signals, after this was done, we had no trouble at all."



2. The foregoing memorandum is presented herein for the information of all concerned.

By direction of National Commander JOHNSON:

Harry H. Blee
HARRY H. BLEE
Colonel, Air Corps
Operations Officer
Civil Air Patrol

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