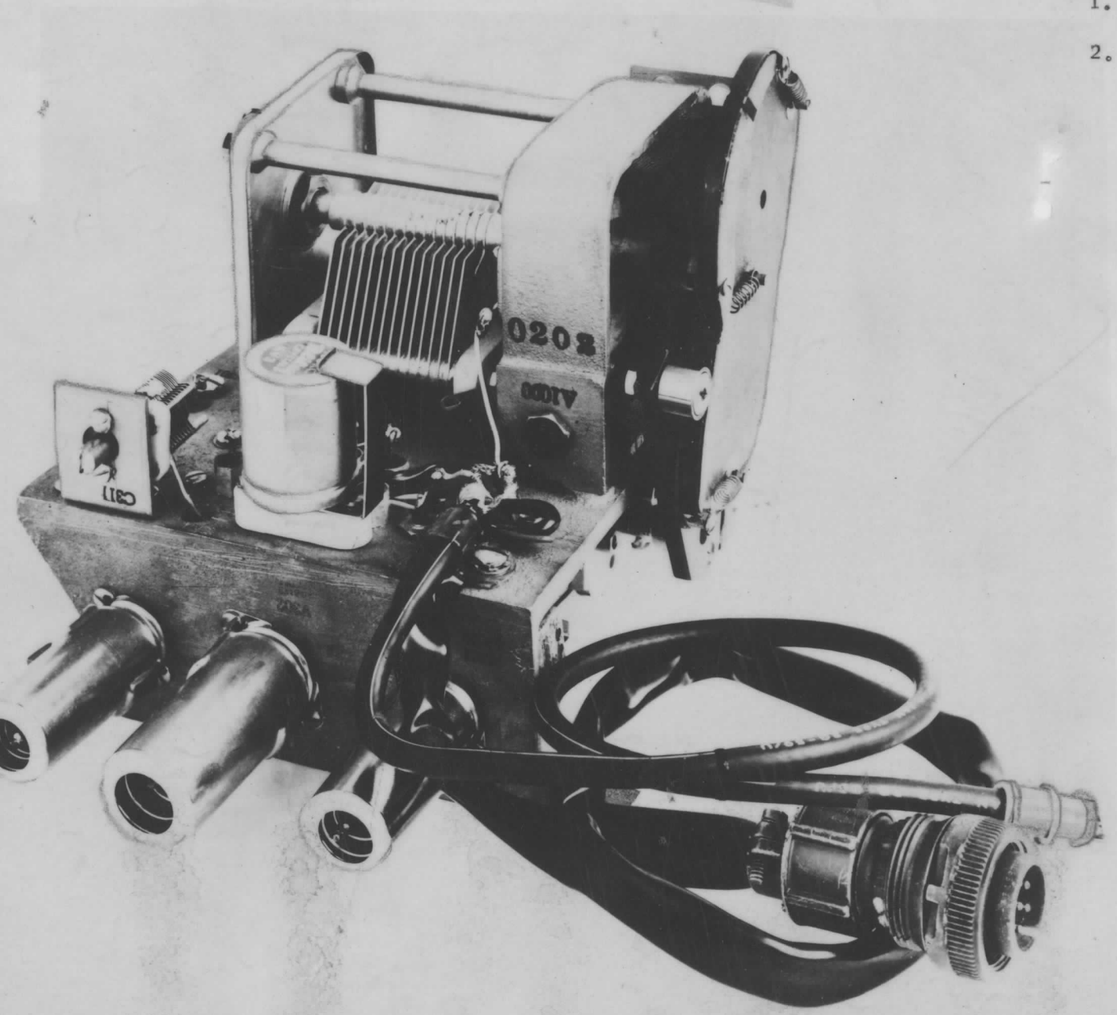
AO-103



CDP-8933A
FSC 58

1. OSCILLATOR SUBASSEMBLY

2. Parts Data
   a. one
   b. chassis
   a. one
   b. socket, crystal
   a. one
   b. clamp, crystal
   a. five
   b. coil, RF
   a. two
   b. socket, tube: min. 7 pin
   a. one
   b. socket, tube: min. 9 pin
   a. one
   b. tuning slug ass'y.
   a. three
   b. bracket, capacitor
   a. one
   b. crystal, quartz
   a. one
   b. cable, MO power
   a. one
   b. cable, R.F. Oscillator
   a. five
   b. coupling
   a. one
   b. arm ass'y., cam follower
   a. one
   b. cam subassy.
   a. two
   b. ext. shaft
   a. one
   b. shaft, flexible
   a. three
   b. tube, electron
   a. three
   b. shield, tube
   a. X
   b. wire, buss
   a. X
   b. wire, size 22, insulated
   a. X
   b. insulation, sleeving
   a. X
   b. solder
   a. seven
   b. terminal, lug
   a. twenty-six
   b. screw, machine
   a. twenty-seven
   b. washer, lock
   a. four
   b. washer, fiber
   a. seven
   b. nut, hexagonal
   a. three
   b. terminal, feedthru, insulated
   a. three
   b. terminal, turret type
   a. three
   b. nut, strap
   a. one
   b. clamp, G type
   a. seven
   b. resistor, fixed: composition
   a. four
   b. capacitor, variable
   a. five
   b. capacitor, fixed: mica
   a. ten
   b. capacitor, fixed: ceramic

3. Overall dimensions
   7 in. by 7-1/2 in. by 10-1/2 in.

4. Mounting data
   a. bolted to oven casting
   b. four holes to fit threads in oven casting

5. Special Features
   cam tuning, must be Factory Adjusted

6. N/A

7. JCENS data
   a. Oscillator Subassembly
   b.

8. SR-5 The Manufacturers data
   a. The Technical Materiel Corporation
   b. Mamaroneck, New York
   c. 82679
   d. AO-103
   e. N/A

A. N/A

B. For specific use

C. Data regarding equipment application
   1. The Technical Materiel Corp.
   2. Control Master Oscillator
   3. Model CMO

D. Master variable oscillator

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°

SCALE: NPL-AO-103

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
1	CMO			
	USED ON			

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

OSCILLATOR SUBASSEMBLY

DRAWN	CHECKER	FINAL APPROVAL
1-24-61		

ELEC. DES. APP. | MECH. DES. APP.

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