TMC SPECIFICATION			NO. S 1252
REV:			
COMPILED: F. Pack	CHECKED: F.P. R.Riano	APPD: SPM 4/23/69	SHEET OF
TITLE:			

TEST PROCEDURE

A0121

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A0126

TMC SPECIFICATION			NO. S 1252
REV:			
COMPILED: F. PACK	CHECKED: F.P.	APPD:	SHEET OF
TITLE: TEST PROCEDURE AO121 & AO126			

Equipment Required:

1. SBE Section Test Jig
2. TEK 541A Oscilloscope or equivalent.
3. H-P Counter 5244L or equivalent.
4. +12, +24 Volt DC Power Supplies
5. 250Ω Load Resistor
6. H-P 410B VTVM

TEST PROCEDURE

1. Connect power supplies to rear panel at test jig.
2. Set panel controls as follows:
   a. Mode switch to FSK position
   b. Exciter switch to "ON" position.
   c. Normal - AO-121 switch to AO-121 test.
3. Connect VTVM to VCM terminal to measure DC volts.
4. Plug in AO-121 oscillator. Allow warmup time of ten (10) minutes.
5. Connect oscilloscope to 3mc output connector and 250Ω load resistor.
6. Connect counter to vertical output of oscilloscope.
7. Check voltage level on oscilloscope. It should be sine wave of 0.2vpp min.
8. Set 3mc adj. control for 6.0vdc on VTVM. Counter should read between 2999750 and 3000250 cps. Note frequency.
9. Set 3mc adj. control for 7.0vdc on VTVM. Frequency should increase by 250cps ±25 cps.
10. Repeat Step 9 from 2.0 to 10.0 volts. Frequency should change by 250 cps per volt. Frequency should increase with increasing voltage.

NOTE: The AO126 may be checked in the same manner, by substituting the proper frequency range in place of reference to 3mc above.

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

S 1252
LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
1/24/69	Ø			ORIGINAL RELEASE FOR PRODUCTION	