DATE 9-19-61
SHEET 1 OF 2

TMC SPECIFICATION NO. S-624

F.R.D. COMPILED | CHECKED | APPROVED

TITLE: IF AVC ALIGNMENT HEI-1

1. Connect a zero-centered VTVM at the AVC test point. Use lowest scale without overloading meter.
2. Turn time constant A fully clockwise.
3. Turn time constant B fully clockwise.
4. Turn R6212 fully clockwise.
5. Adjust R6213 for zero center. When zero center cannot be obtained, change V6203.
6. Adjust R6212 until the AVC test point voltage becomes slightly negative.
7. Adjust R6212 for zero center.
8. Turn time constant A fully counter-clockwise.
9. Adjust R6212 for zero center on VTVM.
10. Turn time constant B fully counter-clockwise.
11. Adjust R6213 for zero center on VTVM.
12. AVC test point voltage is not to exceed ± 0.1 volts with any change in time constant controls.
13. If AVC test point voltage change exceeds ± 0.1 volts readjust R6212 & R6213 for minimum change in voltage at the AVC test point with a maximum change in the AVC tim constant controls. R6212 will compensate for time constant B and R6213 will compensate for time constant A.

SUPERSEDED BY S-722

OGILVIE PRESS, INC., BROOKLYN 17, N. Y. STOCK N . 430M

DATE 8/21/62 SHEET 2 OF 2	TMC SPECIFICATION NO. S -624	C
FRD COMPILED / CHECKED	TITLE: IF AVC ALIGNMENT HFI-1	
APPROVED		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, N.Y.

HFI-1 IF AVC TEST DATA SHEET

SERIAL NO._____

MFG. NO._____

AVC TEST POINT VOLTAGE CHANGE FOR

MAXIMUM TIME CONSTANT CHANGE_____VDC

DATE_____

TESTER_____

OGILVIE PRESS, INC., BROOKLYN 17, N. Y. STOCK NO. 459M

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

S-624

MODEL HFI-1 PROJECT NO. _____

DATE	REV.	PAGE	EMN #	DESCRIPTION	CHK.	APP.
12/29/61	A	1	6143	Renumber symbols: R212=R6212, R213 = R6213, V203 = V6203		
8/21/62	B	2	7124	Add Test Data Sheet		
11/9/62	C		7664	Superseded by S-722		