

J68340A TEST BAY

1. GENERAL

1.01 This section pertains to the J68340A Test Bay which is used in the testing and maintenance of TD-2 equipment. The test bay may be specified by either of two list numbers in the equipment specification. The list 1 equipment is used at TD-2 repair centers in conjunction with the J68333A Test Bench for the repair and adjustment of IF and RF components. It is also used at main repeater stations for IF and RF transmission tests and power measurements. The list 2 equipment is used at auxiliary repeater stations for transmission tests and power measurements. For some tests, the RF output of the test bay is converted to IF in the receiving converter of the TD-2 equipment, since the equipment for direct IF measurements is not furnished with the list 2 test bay.

1.02 The J68340A, List 1 Test Bay includes IF and RF sweep oscillators, IF and RF attenuators, IF and RF detectors, a power meter for both IF and RF use, IF and RF frequency meters, an oscilloscope with a pre-amplifier, and a switching relay

circuit for the comparison of a test signal with a reference. The list 2 Test Bay is similar to the list 1 Bay, except that the IF sweep oscillator function is eliminated, and the number of IF attenuators is reduced.

1.03 The equipment is mounted in a rolling bay. No installation is required. The bay is AC operated, requiring approximately 600 watts at 115 volts, 60 cycles.

1.04 The operation, maintenance, description and operating principles are given in detail in the following sections:

OPERATING METHODS SECTION R70.202

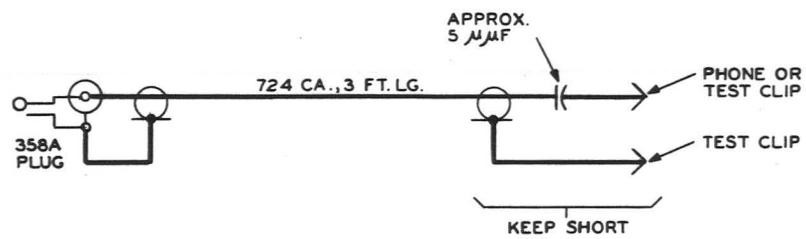
MAINTENANCE METHODS SECTION R70.204

DESCRIPTION AND OPERATING
PRINCIPLES SECTION R70.205

1.05 The base of the test bay is 33-1/4" wide by 30-1/2" deep. It weighs approximately 400 pounds with all units in place.

Bell Telephone Laboratories, Inc.

This material is for the use of Bell System employees only, and its distribution is in no sense a publication. Neither this material, nor any portion of it, is to be reproduced in any form, without the written permission of the American Telephone and Telegraph Company.



Test Cord for IF Frequency Meter Calibration