

**RADIO TEST EQUIPMENT**  
**MICROWAVE TEST SETS**  
**J68392A TRANSMITTER-RECEIVER TEST SET**  
**MAINTENANCE**  
**KS-19974 RF OSCILLATOR**

**1. GENERAL**

**1.01** This section is a cover sheet for the manufacturer's operating and service manual for the KS-19974 RF oscillator. This oscillator is part of the J68392A transmitter-receiver test set, which is used for maintenance of the TD-3 and TH-3 microwave radio equipment.

**1.02** This section is reissued to add Part 2.

**1.03** Descriptive, operating, and maintenance information for this individual piece of test equipment is given in the manufacturer's manual.

**1.04** Detailed information on the use of the oscillator in conjunction with the test set, for measurements on the TD-3 microwave radio equipment, may be found in the maintenance sections for the radio equipment.

**1.05** Copies of the manual are supplied with each oscillator; however, additional copies may be obtained by placing an order with the Western Electric Distributing House servicing your area. Information on the order should specify:

(Quantity)                      KS-19974 RF Oscillator Operating  
and Service Manual

(Serial number of unit)

**2. INFORMATION NOTES**

**2.01** On some versions of the oscillator, the low voltage and high voltage supply fuses (F1 and F3, respectively) are mounted internally. To gain access to the fuses, the oscillator must be removed from the test set and its bottom cover must be removed. This fusing arrangement is present on all units preceding serial number 257. All versions of the oscillator after serial number 257 have the fuses accessible from the rear panel.¶