



SERVICE BULLETIN

S.B. NO. TR-220 21-2007

Software update to the TR-220/TR-211 Test Set SI LOCKOUT TEST

All TR-220 and TR-211 Test Sets

Date of Service Bulletin

Sep 29/07

REASON:

To provide owners and operators of the Tel-Instrument Electronics Corp. TR-220 and TR-211 Test Sets with information regarding a software upgrade to correct a minor error in reporting the SI lockout Test

Tel-Instrument Electronics Corp periodically updates the software to reflect customer requests, add enhancements, or correct minor bugs and anomalies. A new Software release for the TR-220/211 Test Set will ensure correct Display of Transponder with SI Lockout capabilities

1. **EFFECTIVITY**

This Service Bulletin applies to all TR-220 and RT-211 Test Sets with Software Revision 4.10 or greater.

All TR-220/TR-211 Test Sets are eligible for this upgrade.

2. **PURPOSE**

This Service Bulletin describes the improvements that were incorporated and instructions on how to have the Service Bulletin installed.

Tel-Instrument Electronics Corp. has upgraded the software to include the following Changes:

Update of the SI Lockout Capability Test. When Testing a transponder with the SI Lockout test the Test Set may not properly decode that the SI Lockout is available. This has only occurred in rare cases and under other than standard testing protocols Tel-Instrument has corrected the software to ensure that evening these uncommon conditions the Test Set will properly identify the capability.

3. **CORRECTIVE ACTION**

Work to be performed requires the replacement of the preprogrammed memory chip containing the current Software revision.

Test Sets containing Software Revision 4.00 or Greater will be updated to 4.11

Test Set containing Software Revision 5.00 or will be updated to 5.01.

Field Kits will not be made available and all work must be performed by Tel-Instrument or a **"CERTIFIED"** facility.

It is recommended that this Service Bulletin be installed during the Test Sets next scheduled calibration.

If an owner/operator desires to have the upgrade incorporated before the next calibration cycle, see paragraph "a" for instructions.

The Software Upgrade will be installed automatically at no charge when the Test Set is returned to Tel-Instrument or a **"Certified"** repair facility.

a) **PROCEDURES**

Print a copy of this Service Bulletin and ensure a copy is sent with the Test Set when shipping.

Test Sets should be sent to the following CERTIFIED Service centers for upgrade:

Conus: **Tel-Instrument Electronics Corp.**
728 Garden Street
Carlstadt NJ 07072

Europe: **Muirhead Avionics**
Esterline Corporation
Mallory House
Navigator Park
Southall Lane Southhall
Middlesex UB2 5NH
England
[+44] 20-8571-3422
[+44] 20 8843 6903 (fax)

There is **NO CHARGE** for the upgrade except for standard Calibration fees and applicable repairs if necessary.

All Shipping, Customs and Broker fees are the responsibility of the owner/operator.

Additional Charges may apply if repairs are required; an estimate of repair will be sent to each customer for approval before any repair above and beyond the Software upgrade is completed.

4. **COMPLIANCE**

Installation of this Service Bulletin is *NOT* mandatory but is recommended.

5. **PUBLICATIONS AFFECTED**

NONE.

6. **FURTHER INFORMATION**

You may contact Tel-Instrument Electronics Corp. at any time for further information regarding this procedure and change.

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