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## SERVICE BULLETIN

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# REVISION 1 to Service Bulletin SB-T-05-1500B-0001

### RDR-1500B WEATHER RADAR SYSTEM

#### RT-1501A RECEIVER-TRANSMITTER

P/N 4001973-0151  
Unit Mod 34

PREAMP-LIMITER P/N 3606479  
-0501 thru -0503 Sub-assy Mod 5  
-0504 Sub-assy Mod 6

### ADDS NEW IMPROVED TRANSISTOR

#### REASON FOR CHANGE:

- Existing part is obsolete.
- Installed parts in the affected serial number range were found to:
  - have inadequate lead length for this application and/or
  - have been subject to excessive handling

Selection of the new part type coupled with improved manufacturing processes leads to significant reduction of failure of this subassembly

#### *Planning*

#### EFFECTIVITY

This service bulletin is applicable to All RT-1501A Receiver Transmitters with serial numbers T2000 to T2059. Upon failure of the Receiver Transmitter, units must be returned to Telephonics for upgrade and repair.



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### DESCRIPTION

On the Preamp-Limiter, this service bulletin replaces the transistors Q1 and Q2.

### COMPLIANCE

This modification should be incorporated in RT-1501A RT units in the event of failure of transistors Q1 and Q2 of the Preamp-Limiter assembly.

### APPROVAL

This modification is a product improvement that does not revise the approved configuration; therefore, this modification does not require FAA or other regulatory agency approval.

### MANPOWER

N/A (Return to Telephonics).

### MATERIAL INFORMATION

N/A (Return to Telephonics).



Telephonics Corporation  
815 Broad Hollow Road  
Farmingdale, NY 11735 USA  
www.telephonics.com

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To return a failed unit to Telephonics for upgrade and repair - please contact:

Telephonics Corporation  
815 Broad Hollow Road  
Farmingdale, NY 11735  
have Attn: Product Support Department

Tel: 1-877-517-2327  
1-631-755-7004

Fax: 1-877-755-7701  
1-631-755-7227

Inquiries must reference this Service Bulletin and PCN 381-232B.

### REFERENCE

006-15590-0000 RDR-1500B Maintenance Manual (Volume 2)

### PUBLICATION AFFECTED

The next revision to maintenance manuals for the RDR-1500B will document this service bulletin.

### WARRANTY

Four (4) hours for material and labor will be covered for units in warranty.

### *Accomplishment Instructions*

*N/A* (Return to Telephonics).