



SERVICE BULLETIN

REVISION 6 To Service Bulletin SB-T-01-1300/1400-001

RDR-1300B/1400B WEATHER RADAR SYSTEM

RT-1301B/1401B RECEIVER-TRANSMITTERS

RT-1301A&B, RT-1450/APN-234 P/N 4000966

-0101 thru -0111	Unit Mod 6
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All Serial Numbers

RT-1401B P/N 4000831

-0101 thru -0104	Unit Mod 10
-0112 & -0113	Unit Mod 10

All Serial Numbers

RT-1401B P/N 4000831

-0105	Unit Mod 11
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Serial Numbers T2000 to T2299

RT-1401B P/N 4000831

-0106	Unit Mod 11
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Serial Numbers T2000 to T2049
and all military units

**MODULATOR ASSEMBLY P/N 4007720-0501 to -0502
Sub-assy Mod 8**

PFN CAPACITOR AND TRIGGER TRANSFORMER REPLACEMENT

REASON FOR CHANGE:

An improved Trigger Transformer (Part Number 17374-0001 with a date code of 200338 or higher) is required for this modification.

When performing Service Bulletin SB-T-01-1300/1400-001 Rev 3 in the event of failure to modulator pulse forming network components, the parts supplied will contain the new transformer. Service Bulletin SB-T-01-1300/1400-001 Rev 4 contained typographical errors corrected by Rev. 5.

Typographical errors found on Revision 3 are shown on page 3.

Effectivity for RT-1401B P/N 4000831 expanded to include all military units.



Command Systems Division
Product Support Department
815 Broadhollow Road
Farmingdale, New York 11735
USA

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MATERIAL INFORMATION

The parts required for this modification are shown in the following table:

Telephonics Part Number	Description	Qty
109-10384-0001	Capacitor, Ceramic, .02 uf $\pm 5\%$ 1 kv, leaded C4005	1
109-10384-0002	Capacitor Ceramic, .03 uf $\pm 5\%$ 1 kv, lead C4006, C4007, C4011	3
51007-0152	Integrated Circuit U20 or U7*, MH0026CN	1
17374-0001 (Date code 200338 or higher)	Transformer, T1 and T2	2

*based on Revision 3 modification achievement instructions

To order the required parts, for current part pricing, or for additional information - please contact:

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

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

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

Orders must specify part numbers, quantity required and reference this Service Bulletin and PCN 379-0550B. ■



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IDENTIFICATION

If you are modifying an RT-1301A or B or RT-1450/APN-34, apply a dot of red paint to cover mod 6 of the Unit modification decal (as shown on page 1).

If you are modifying an RT-1401B, apply a dot of red paint to cover either mod 10 or mod 11 of the Unit modification decal (based on the part number as shown on page 1).

In addition, apply a dot of red paint to cover mod 8 of the Modulator Assembly modification decal.

REVISION 3 TYPOGRAPHICAL ERRORS

Page 6, Step o:

Change to read:

- o. For RT-1301A&B & RT-1450/APN-234 (4000966-0101 thru -0111) and for RT-1401B (400831-0101 thru -0104 and - 0112 and -0113) perform steps o through r.**

Page 9 (Caption):

Change to read:

Figure 3. Mode Decode Board (For RT-1301A&B & RT-1450/APN-234 (4000966-0101 thru -0111) and for RT-1401B (400831-0101 thru -0104 and - 0112 and -0113).

For additional information contact:

Telephonics Corporation
Command Systems Division
Product Support Group
815 Broad Hollow Road
Attention: Mr. Kenneth Bernstein – Mail Stop 40
Farmingdale, NY 11735
Phone: 1-631-755-7081
Fax: 1-631-755-7227

e-mail: bernstein@telephonics.com