T-4XC INSTRUCTION MANUAL

ERRATA SHEET

Page 3-1, paragraph 3-3. BIAS ADJUSTMENT. Lines "b" and "h" should read:

    b.   Set band switch to 3.5 MHz.

    h.   Adjust bias control on the power supply (AC-4 or DC-4) until plate meter reads 0.1 plate amperes and ....

Page 3-7, paragraph 3-13. AM OPERATION. Line "b" should read:

    b.   While talking into the mike at normal voice level, increase the GAIN control until the plate meter kicks up to 1.5 times the reading with no modulation. Example: If no modulation produces plate current of 100 mA, the meter should kick to 150 mA on voice peaks. Care should be taken not to exceed this level as there is no AGC on AM.

Page 5-3, paragraph 5-8. RF AND MIXER STAGES. Line "e" should read:

    e.   On 160 meters, adjust the RF TUNE control so that the slugs with no dot or with white dot are 3/32" below the top of the coil form; yellow dot 1/16" below; red dot 3/64" below. A 12.6 MHz crystal is needed in the T-4XC for this adjustment with the VFO set to 450 (1.95 MHz).

Page 4-3, Figure 4-1. BLOCK DIAGRAM:

    VFO buffer is a 2N3563 instead of 2N3858

    VOX is a 6FQ7 instead of 6EV7.

Page 5-5, Table 5-3. TUBE AND SEMICONDUCTOR COMPLEMENT:

Q5 is a 2N3563 instead of a 2N3858.

V10 is a 6FQ7 instead of 6EV7.

Page 5-9, Figure 5-4. SCHEMATIC DIAGRAM:

C127 is an 80 pF instead of 68 pF (PTO).

C132 is two 45 pF tubulars in parallel, instead of 90 pF (PTO).

C133 is a 12 pF instead of 10 pF (PTO).

R120 is a 100 ohm instead of 560 ohm (PTO).

K1 relay is a 2.5K instead of 15K (VOX).

R70, 82 ohm is not used (VOX).

R66 is a 220K instead of 330K (VOX).

R107 is a 12M instead of 6.8M.

V10 is a 6FQ7 instead of 6EV7 (VOX), (Pages 4-3; 5-4; 5-5; 5-6.)

R143, 1.5K added in series with plate of relay tube V10 and relay K1 (VOX).

C37 and C54 are 1090 pF instead of 1000 pF.

Page 5-4, Table 5-1. RESISTANCE CHART, should read: V10; 6FQ7; pins l thru 9; 100K; 1.3 Meg; 820; Fil; Fil; 9K; 2 Meg; 0; TP.

Page 5-4, Table 5-2. VOLTAGE CHART, should read: V10; 6FQ7; pins 1 thru 9; 57; 0; 1.5; 6.3*; 12.6*; 170; -.36; 0; TP.