

ALIGNMENT PROCEDURES

Important: The FCC requires that any frequency adjustment on a radiophone must be done by an authorized person, who is the holder of a current first or second class radiotelephone license.

This unit has been fully aligned at factory before shipment and does not normally require further adjustment. When necessary, however, the unit may be aligned as indited below.

Do not adjust any circuit in this radiophone unless you understand the circuit operation and have experience in adjusting radiophone. Tampering with the radiophone may upset the alignment and lower its performance.

Test Equipment Required:

Regulated DC power supply, 4.5V, 1A or higher; or 3XAAA

Digital multimeter

Deviation meter

Frequency counter, 0~500MHz high impedance

Oscilloscope

RF power meter, 5W

Tracking generator, >160MHz

Distortion analyzer

Audio level meter

T-coupler

Alignment drivers, etc.