

PRESIDENT JFK

RECEIVER ALIGNMENT =====

1. Test Equipment Required

- a) Oscilloscope (100 MHz).
- b) DC Power Supply (13.8v, 3 Amps).
- c) RF Signal Generator AM/FM (0.3uV).
- d) AF Voltmeter (V.T.V.M).
- e) Dummy Load (8 ohm).

2. Alignment Procedure RF GAIN : MAX NB/ANL : OFF

STEP	PRESET TO	ADJUSTMENT	REMARKS
1	Channel :19 Band : MID Mode : AM Volume : MAX Squelch : MIN	L7, L6, L5, L4 and L1	Connect RF Signal Generator (AM 27.195 MHz 1Khz 30% Modulation) to ANT JACK (J201) and AF Voltmeter to Ext Speaker JACK (J203). Then adjust the coils for maximum reading on the AF Voltmeter
2	Same as step 1 Except Band LOW Channel : 1	L2 and L3	Adjust L2 for maximum output of noise level, then switch Channel 40 Band HI and adjust L3 for maximum output of noise level, and then adjust L2 by turning it CW Channel 1 Band LOW so that the same noise level as for L3.
3	Same as step 1 Except Squelch : MAX	VR2	Set the output of the RF Signal Generator (1000uV). Adjust VR2 for 2 Volts output reading on the AF Voltmeter.
4	Same as step 1	VR1	Set the output of the RF Signal Generator (100uV). Adjust VR1 so that the Signal meter points to "S9".
5	Same as step 1 Except Mode : FM	L801	Adjust Volume to obtain 2 Volts output on the AF Voltmeter. Set the output of the RF Signal Generator (1000uV), and adjust L801 for maximum reading on the AF Voltmeter.

3. Test Equipment Connection

