

# PRESIDENT MADISON-STALKERXX

## Alignment of Receiver

### Test Equipment required

DC Power Supply. 8 Ohm Load. Oscilloscope. AF Signal Generator. DC Power Supply

Clarifier>Center. PA-CB switch to CB> Transmitter ON. Channel 19. RX Mode  
NB ANL>OFF RF Gain>MAXIMUM. VOLUME>MAXIMUM

### Alignment Procedure

STEP	PRESET TO	ADJUSTMENTS	REMARKS
1	Mode Switch>LSB	L6	Turn the Core of L6 to bottom end
2	As STEP 1	L4,5,7,8,9,10 12,14	Adjust level of Signal Generator to obtain 2V reading on AF VTVM. Then adjust coils for maximum reading on AF VTVM.
3	As STEP 1	L6 & L5	Set the level of Sig Gen to 10uV. Turn the core of L6 to bottom. Adjust L5 for Maximum reading on AF VTVM. Set the level of Sig Gen to 1uV. Adjust L6 for max reading.
4	As STEP 1	L3, L13 & L15	Set the level of Sig Gen to 1kHz, 30% modulation. Adjust level of Sig Gen to obtain 2V on AF VTVM. Adjust coils for max reading
5	As STEP 1	Vr3	Set the level of Sig Gen to 1000uV. Adjust Vr3 so the Audio Signal will just appear.
6	As STEP 1	Vr1	Set the level of Sig Gen to 100uV. No Modulation. Adjust for S9 Reading on rig.
7	As STEP 1 Except Mode>USB	Vr2	Move Sig Gen +1kHz with no modulation. Adjust for S9 on Rig Meter.
8	As STEP 1 Except Channel 18 NB ANL> <b>ON</b>	L11 & L12	Set the level of Sig Gen ch19, 30uV. Connect Oscilloscope to R10(+), L6(-) Adjust coils for max reading on DC VTVM
9	As STEP 7	L1 & L2	Set the level of Sig Gen 3uV. Adjust coils for max reading on DC VTVM

