

President Lincoln CB-Radio

ALIGNMENT PROCEDURE

RECEIVER PORTION

Test equipment required:

Power Supply: 13,8 V	Dummy Load 8 ohm	AF VTVM	Oscilloscope
HF SSG:	28.000 MHz	1 kHz	30% Mod.

Preparation alignment:

NB SW	Off
PA SW	Off
Beep SW	Off
VOLUME	Max.
RIT	Middle position
Mode	AM
Squelch	Min.
DX/LOC	DX
Frequency	28.000 MHz

Step	Condition	Adjustment	Procedure
1	AM SSG 40dB 1 kHz Mod.	L101 L104 L113 L115 L105	Alignment of sensitivity. Adjust coils for maximum reading on the AF VTVM.
2	AM SSG 66dB 1 kHz Mod.	VR102	Alignment of Squelch. Set Squelsch to maximum. Adjust VR102 so that the squelch just breaks.
3	AM SSG 46dB No Mod.	VR101	Alignment of S-meter. Adjust VR101 so that "9" LCD just lights on.
4	FM SSG 1 mV 1.5 kHz Dev.	L401	Adjust L401 for maximum reading on the AF VTVM.
5	AM SSG 1 mV Noise Gen.	L203	Adjust L203 for maximum reading on the AF VTVM. Noise Generator output: 50 Hz SQ wave 2 V P-P.

