

Known Models: Courier Centurion SSB, Gladiator SSB
 Pearce-Simpson Cheetah SSB, Simba SSB

	Both RX & TX "A"	AM/USB Only "B"	LSB Only "C"		Both RX & TX "A"	AM/USB Only "B"	LSB Only "C"
Ch. 1 (26.965)	11.000	8.1665	8.1635	Ch.13 (27.115)	11.150	8.1665	8.1635
Ch. 2 (26.975)	"	8.1765	8.1735	Ch.14 (27.125)	"	8.1765	8.1735
Ch. 3 (26.985)	"	8.1885	8.1835	Ch.15 (27.135)	"	8.1865	8.1835
Ch. 4 (27.005)	"	8.2065	8.2035	Ch.16 (27.155)	"	8.2065	8.2035
Ch. 5 (27.015)	11.050	8.1665	8.1635	Ch.17 (27.165)	11.200	8.1665	8.1635
Ch. 6 (27.025)	"	8.1765	8.1735	Ch.18 (27.175)	"	8.1765	8.1735
Ch. 7 (27.035)	"	8.1865	8.1835	Ch.19 (27.185)	"	8.1865	8.1835
Ch. 8 (27.055)	"	8.2065	8.2035	Ch.20 (27.205)	"	8.2065	8.2035
Ch. 9 (27.065)	11.100	8.1665	8.1635	Ch.21 (27.215)	11.250	8.1665	8.1635
Ch.10 (27.075)	"	8.1765	8.1735	Ch.22 (27.225)	"	8.1765	8.1735
Ch.11 (27.085)	"	8.1865	8.1835	Ch.23 (27.255)	"	8.2065	8.2035
Ch.12 (27.105)	"	8.2065	8.2035				

Additional Crystals: 7.7985 MHz AM/USB Carrier Osc.
 7.8015 MHz LSB Carrier Osc.
 7.3435 MHz AM-only RX Oscillator

Synthesis: ["A" + "B" + 7.7985 MHz] = AM/USB carrier; ["A" + "C" + 7.8015 MHz] = LSB carrier

Example: For Ch.1 AM, [11.000 MHz + 8.1665 MHz + 7.7985 MHz] = 26.965 MHz. The Carrier Oscillator and 7 MHz Synthesizer Oscillator are both offset 1.5 KHz on SSB, giving the required total offset of ±3 KHz. The SSB IF is 7.800 MHz. The 455 KHz second IF for AM is produced by mixing the 7.800 MHz high IF with a separate 7.3435 MHz crystal RX Local Oscillator.

Compliments of:

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