**Make/Model:**  Browning Golden Eagle Mark III

<table>
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<th>Both RX &amp; TX</th>
<th>RX Only</th>
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<tr>
<td>Ch. 1</td>
<td>26.965</td>
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</table>

**Additional Crystals:**

- 5.6465 MHz AM Carrier Osc.
- 5.0485 MHz AM Synth. Osc. all 23 channels
- 5.6480 MHz LSB Carrier Osc.
- 5.0470 MHz LSB Synth. Osc. all 23 channels
- 5.6450 MHz USB Carrier Osc.
- 5.0500 MHz USB Synth. Osc. all 23 channels

**Synthesis:**

\[
\text{[16 MHz channel crystal + 5 MHz Carrier Osc. crystal + 5 MHz Synth. Osc. crystal]} = \text{on-channel frequency}
\]

**Example:** For Ch.1 AM, it is 16.270 MHz + 5.4655 MHz + 5.0485 MHz = 26.965 MHz. This radio is unique in that the Carrier Oscillator is not the same as the first IF. The first RX IF is produced by a separate 31.400 MHz local oscillator. The second IF is produced by the VFO, which mixes with the first IF in the 4 MHz range to produce a 455 KHz second IF.

Modifications are not practical; each new 16 MHz crystal you replace gives you only one new channel.