

TMAC Operational By-Law 03 Radio Equipment Appendix A (amended April 1997)

The following rules apply to radio control equipment used for the control of model aircraft and operated by affiliated members of the MAAA.

Both AM and FM transmissions may be used on the following frequencies with the exceptions and provisos noted, the frequencies being denoted by channel numbers.

26.957 MHz to 27.282 MHz although available for model control use, the MAAA bans the use of this frequency band at MAAA and State Association sanctioned events and does not otherwise recommend its use because of the possibility of interference.

29 MHz		
Channel Number	Transmitter Frequency	
10	29.725	FM only
11	29.735	
12	29.745	
13	29.755	FM
14	29.765	Recommended
15	29.775	
16	29.785	
17	29.795	
18	29.805	
19	29.815	
20	29.825	
21	29.835	
22	29.845	
23	29.855	
24	24.865	
25	29.875	
26	29.885	
27	29.895	
28	29.905	
29	29.915	
30	29.925	
31	29.935	
32	29.945	
33	29.955	
34	29.965	
35	29.975	
36	29.985	end
37 to 49 Reserved		

40 MHz		
Channel Number	Transmitter Frequency	
50	40.665	
51	40.675	Not
52	40.685	Recommended
53	40.695	end

Attention:
Channels 51 and 52 are subject to interference from paging systems and must be tested and approved for 10 KHz separation.

36 MHz		
Channel Number	Transmitter Frequency	
601	36.010	Recommended FM/AM
602	36.020	
603	36.030	
604	36.040	
605	36.050	
606	36.060	
607	36.070	
608	36.080	
609	36.090	
610	36.100	
611	36.110	
612	36.120	(over)

36 MHz (cont.)		
Channel Number	Transmitter Frequency	
613	36.130	Recommended FM/AM
614	36.140	
615	36.150	
616	36.160	
617	36.170	
618	36.180	
619	36.190	
620	36.200	
621	36.210	
622	36.220	
623	36.230	
624	36.240	
625	36.250	
626	36.260	
627	36.270	
628	36.280	
629	36.290	
630	36.300	Safety Keys must be used. See Note 6 below
631	36.310	
632	36.320	
633	36.330	
634	36.340	
635	36.350	(over)

36 MHz (cont.)		
Channel Number	Transmitter Frequency	
636	36.360	Recommended FM/AM
637	36.370	
638	36.380	
639	36.390	
640	36.400	
641	36.410	
642	36.420	
643	36.430	
644	36.440	
645	36.450	
646	36.460	
647	36.470	
648	36.480	
649	36.490	Recommended FM only
650	36.500	
651	36.510	
652	36.520	
653	36.530	
654	36.540	
655	36.550	
656	36.560	
657	36.570	
658	36.580	
659	36.590	end

NOTES:

- The use of FM on channel 10 is a Spectrum Management Agency (SMA) requirement.
- The use of FM on channels 11 to 17 inclusive is recommended only to accelerate the use of narrow band equipment and thus introduce 10 KHz separation more quickly than it would otherwise occur.
- The division 36 MHz band to FM/AM and FM sections is intended to separate AM equipment, which may require slightly greater bandwidth separation than FM, from FM.
- Except for the requirement to use FM equipment on channel 10, any model flier may use any type of modulation (within SMA specifications) on any channel.
- Odd numbered channels on the 29 MHz band may only be used by equipment approved to 10 KHz separation (hereafter called narrow band equipment).
- Fliers using channels 630 or 631 must use a safety key system. Although at opposite ends of the keyboard **channels 630 & 631 must not be used simultaneously.**

When 630 is to be used, the adjacent safety key slot must be clear. If not clear the safety key can only be shifted to the alternative position adjacent 631 if that space is available. Always check that the safety key is properly positioned before removing or replacing your transmitter.

When 631 is to be used, the adjacent safety key slot must be clear. If not clear the safety key can only be shifted to the alternative position adjacent 630 if that space is available. Always check that the safety key is properly positioned before removing or replacing your transmitter.