



Operations Manual

**POLICY ON REGISTERED FREQUENCIES**

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**PO 13**

Management Committee  
Approved

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**PO13**

**POLICY ON REGISTERED FREQUENCIES**

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This document forms part of the SAMAA Manual of Procedures. It is to be used by SAMAA Members and Registered Clubs in all activities associated with the flying of model aircraft in the RSA.

**POLICY ON REGISTERED FREQUENCIES**

1. **ICASA**  
**All Radio Transmission Equipment used at a SAMAA Registered flying field , shall conform with ICASA standards, and where required by law will be certified and “Type Approved” by ICASA.**  
**The use of Non compliant Transmitting equipment is prohibited, and the responsibility is on the user is to ensure that the equipment he uses complies.**

2. **Arrival at Field**

Any person bringing radio control equipment to a flying field will be required to ensure that the transmitter is in a “switched-off” condition, that the **aerial is collapsed** or down and the **transmitter is placed in the transmitter control area or pound.**

3. **Transmitter Control Area / Pound**

The transmitter control area will be used for the impounding of all transmitters not currently in use at the flying field.

All transmitters (when not in use) shall be placed in the pound. This also means and includes the impounding of transmitters in carrying cases and transmitters connected by buddy cords, and is applicable at all times irrespectively of the number of members at the field.

4. **Frequency Control System**

- (a) The frequency control system presently in use in South Africa is by means of a FREQUENCY CONTROL BOARD displayed at or near the transmitter pound or near the flight line. This frequency control board will display all the frequencies which may be used at the flying field and will have hooks or similar devices provided so as to allow a marker or card to be attached, by the pilot to reserve a frequency/spot.
- (b) The method of control of the frequency system is set out in this Operations Manual under procedure PR 08.
- (c) Any frequency not displayed on the Frequency Control Board may not be used at the flying field concerned.
- (d) Frequencies other than those listed in this SAMAA policy document PO 13 are not legal frequencies and may not be used at a SAMAA registered flying field or in the RSA.
- (e) Maintaining “Line of Sight” between you and your model at all times is a legal requirement.
- (f) Only transmitters and receivers manufactured by the accepted and reputed Brand names and designed for 10 KHz band width spacing may be used at a SAMAA registered flying field.

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5. **Radio/transmitter frequencies**

The following radio frequencies are the only legal frequencies in South Africa and are approved by the department of communications ICASA for model Aircraft use.

- NB The 35MHz Band is specifically reserved for model Aircraft use only.**  
**The 27MHz , 53 and 54MHz bands are for general model use.**  
**The 2,4 GHz band is a unlicensed band open to the general public.**

**THE PRESENTLY APPROVED SAMAA FREQUENCIES ARE: -**

FREQUENCY	SPOT	STEAMER	FREQUENCY	SPOT	STREAMER
<b><u>27 MHz</u></b>			<b><u>35 MHz</u></b>		
26.995	04	<b><u>BROWN</u></b>	35.000	60	<b><u>ORANGE</u></b>
27.045	09		35.010	61	
27.095	14		35.020	62	
27.145	19		35.030	63	
27.195	24		35.040	64	
			35.050	65	
		35.060	66		
<b><u>53 MHz</u></b>		<b><u>RED</u></b>	35.070	67	
53.300	31		35.080	68	
53.350	32		35.090	69	
53.400	33		35.100	70	
53.450	34		35.110	71	
53.500	35		35.120	72	
53.550	36		35.130	73	
53.600	37		35.140	74	
53.650	38		35.150	75	
53.700	39		35.160	76	
53.750	40		35.170	77	
53.800	41		35.180	78	
53.850	42		35.190	79	
53.900	43		35.200	80	
		35.210	81		
		35.220	82		
		35.230	83		
		35.240	84		

<b><u>54 MHz</u></b>		
54.450	46	<b><u>YELLOW</u></b>
54.500	47	
54.550	48	
<b>FREQUENCY</b>	<b>SPOT</b>	<b>STEAMER</b>
<b><u>35 MHz</u></b>		
35.310	91	<b><u>ORANGE</u></b>
35.320	92	
35.330	93	
35.340	94	
35.350	95	
35.360	96	
35.370	97	
35.380	98	
35.390	99	
35.400	100	

35.250	85	
35.260	86	
35.270	87	
35.280	88	
35.290	89	
35.300	90	
<b>FREQUENCY</b>	<b>SPOT</b>	<b>STREAMER</b>
<b><u>35 MHz</u></b>		
35.410	101	<b><u>ORANGE</u></b>
35.420	102	
35.430	103	
35.440	104	
35.450	105	
35.460	106	
35.470	107	
35.480	108	
35.490	109	
35.500	110	

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A number of models of Transmitters have to date been “type” approved by ICASA, only “type” approved transmitters may be used at a SAMAA approved flying field, so ensure that the one you buy or intend to use is ICASA “type” approved model. It is illegal to use a non ICASA “type” approved Transmitter in the RSA.

The operational control, when using this frequency is no different to that in use for other frequencies, and the details, for use, are as set out in procedure PR 08 of the Operations Manual.

**The frequency control system of peg on, will apply, and will be used, at all SAMAA registered flying Clubs and fields, this applies even when using 2,4GHz equipment.**

KFN

**Note:** The Frequencies marked with an Asterix \* must be avoided if the lower frequencies of 35.000 to 35.040 are in use, as they may interfere with each other. It is advisable that clubs rule that the frequencies set out below shall not be used simultaneously at any flying field.

- 35.000 and 35.450 / 35.460
- 35.010 and 35.460 / 35.470
- 35.020 and 35.470 / 35.480
- 35.030 and 35.480 / 35.490
- 35.040 and 35.490 / 35.500

**2.4 GHz RADIO CONTROL EQUIPMENT.**

The use of the recently arrived 2.4 GHz frequency band has been approved by ICASA and accepted by SAMAA, provided the sets conform to ICASA’s specifications and requirements.