THE SOUTH AFRICAN MODEL AIRCRAFT ASSOCIATION



Operations Manual

POLICY ON REGISTERED FREQUENCIES

Issue 1 – 2006

PO 13

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THE SOUTH AFRICAN MODEL AIRCRAFT ASSOCIATION

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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 after PO 12 with the flying of model aircraft in the RSA.

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Arrival at Field 1.

Any person bringing radio control equipment to a flying field will be expected to ensure that such equipment 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.

2. **Transmitter Control Area / Pound**

The transmitter control area will be used for the impounding 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 irrespectively of the number of members at the field.

Frequency Control System 3.

- (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 set so as to allow a marker or card to be attached by the pilot to uniquely reserve a frequency/spot.
- The method of control of the frequency system is set out elsewhere in (b) this operations manual under procedure PR 08.
- Any frequency not displayed on this Frequency Control Board may not (c) be used at the flying field concerned.
- Frequencies other than those listed in this SAMAA policy document (d) PO 13 are not legal frequencies and may not be used at a SAMAA registered flying field.
- "Line of Sight" between you and your model at all times is a definite (e) requirement.
- Only transmitters and receivers manufactured by the accepted and (f) reputed Brand names and designed for 10 KHz band width spacing may be used.

4. **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 use.

The 35MHz Band is specifically reserved for model Aircraft use only. NB The 27MHz or 53MHz are for general model use.

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POLICY ON REGSTERED FREOUENCIES

THE PRESENTLY APPROVED SAMAA FREQUENCIES ARE: -

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FREQUENCY	SPOT	STEAMER	FREQUENCY	SPOT	STREAMER
<u>27 MHz</u>			<u>35 MHz</u>		
26.995 27.045 27.095 27.145 27.195	04 09 14 19 24	<u>BROWN</u>	35.000 35.010 35.020 35.030 35.040 35.050	60 61 62 63 64 65	
<u>53 MHz</u>			35.060 35.070 35.080	66 67 68	
53.300 53.350 53.400	31 32 33		35.090 35.100 35.110 35.120	69 70 71 72	
53.450 53.500 53.550	34 35 36	DED	35.130 35.140 35.150	73 74 75	ODANCE
53.600 53.650 53.700 53.750	37 38 39 40	<u>RED</u>	35.160 35.170 35.180 35.190	76 77 78 79	<u>ORANGE</u>
53.800 53.850 53.900	41 42 43		35.200 35.210 35.220	80 81 82	
			35.230 35.240	83 84	
<u>54 MHz</u>			35.250 35.260 35.270	85 86 87	
54.450 54.500 54.550	46 47 48	<u>YELLOW</u>	35.270 35.280 35.290 35.300	87 88 89 90	

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FREQUENCY SPOT	STEAMER	FREQUENCY	SPOT	STREAMER
35 MHz		35 MHz		
35.310 91 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	<u>ORANGE</u>	35.410 35.420 35.430 35.440 35.450 35.460 35.460 35.470 35.480 35.490 35.500	101 102 103 104 105 106 107 108 109 110	ORANGE * * * * *

Note: The Frequency marked with an Asterix * should be avoided or used with caution 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 there sets of frequencied 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

<u>2.4 GHz</u>: The 2.4 GHz frequency band has been approved by SAMAA, but only ICASA type-approved equipment is legal for use.

The streamer colour selected is dark green and operational control using this frequency is set out in procedure PR 08 of the operations manual.

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