

**THE SOUTH AFRICAN MODEL AIRCRAFT ASSOCIATION**



**Operations Manual**

**OPERATING A CLUB OR FLYING SITE WITHIN THE CTR,  
UNDER THE TMA OR WITHIN 5 NM OF AN AERODROME**

Issue 3 – February 2012

**PR 19**

Approved by RAASA, ATNS  
and the SAMAA Management Committee.

Date: 26//02/ 2012

**PR 19**

**OPERATING A CLUB OR FLYING FIELD WITHIN THE  
CTR, UNDER THE TMA OR WITHIN 5 NM OF AN  
AERODROME**

Issue 1- 24.05.2011 ( Prelim.)

Issue 2 – 23.11.2011

Issue 3—26.02.2012

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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.

SAMAA

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**Operating a Club or Flying field within 5 NM, within the CTR, or under the TMA of a Full size Aerodrome**

**1.Purpose**

**This SAMAA Procedure applies to all SAMAA Registered Model Flying Fields/Clubs situated within 5 NM , within the CTR or under the TMA of a operational full size Aerodrome or Airfield, whether these Airfields fall under the control of the CAA, ATNS, Defence Force or are privately or Municipality owned, where Model Aircraft flying is taking place.**

**This Procedure, with immediate effect, sets down the conditions under which all SAMAA Registered Clubs located in close proximity to full size aircraft airfields, as defined above, will now operate, to ensure the safety of full sized, or manned aircraft.**

These requirements are as a consequence of the additional height application made by SAMAA to RAASA, ATNS and the Aero Club. to **allow Model Aircraft to fly at up to 400 ft agl. at all SAMAA Registered Clubs/fields.** This application/request was submitted to NASCOM on the 10th February 2011, and was Approved, subject to the additional condition **that any Model flying field which falls within the CTR under the TMA or within 5 NM of an existing full size Airfield or Aerodrome is required to comply with the special regulations set out in the SAMAA procedure PR19, if the 400ft limit is to be used.**

This Procedure PR19, together with the list of clubs affected, was finally ratified by NASCOM, on the 11th November 2011, and gazetted under CAA - AIP's. and is now a **RSA legal requirement.**

SAMAA requires that all clubs affected by this procedure, must ensure that their Clubs name is included on the list, and ensure that the required controls are in place to ensure their Member compliance with this MOP. The conditions imposed by this Procedure, are directed at ensuring the Safety of full sized manned aircraft and helicopters, using the same airspace, and to regulate the flying so as to eliminate the risk of a accident.

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For the ATNS information, the South African Model Aircraft Associations contact details are; General Manager, Bob Skinner, Office phone 011 9733679 and e-mail address samaa-gm@mweb.co.za

**2.) Applicable Documents**

SAMAA, by listing all clubs affected, has relieved Clubs, situated within 5 NM or the CTR of an Airfield, of the onerous duty of reapplying to SAMAA and the CAA for permit to operate at 400ft at their Club, **but Clubs, affected by this TMA,CTR or 5 NM rule will need to submit to SAMAA, on an annual basis, after their AGM and with each new committee. a completed and authorised signed copy of SAMAA form F 07 “ Club Registration”, so that SAMAA can confirm to RAASA that their requirements as specified in this Procedure , PR19, are in operation and are being followed.**

Attached to this procedure is a list of all SAMAA Registered Clubs affected by this ruling as at the end of January 2012.

**3. Procedure**

**3(a.) Categories of Aerodromes or Airfields**

There are three categories of full sized Aerodromes, each affecting the model clubs in their vicinity differently, so each club will need to comply with the procedure applicable to the location of their club, relative to the nearest aerodrome.

**Categories of full size aerodromes.**

i.) Major Aerodromes.

Aerodromes, such as OR Tambo, Rand Airport, Grand Central, Waterkloof, Wonderboom, Lanseria, Durban International, Bloemfontein, Capetown International, Port Elizabeth, East London, are classified as major aerodromes, as are all other aerodromes which have Manned Control Towers and Air Traffic Control Services in operation, all of these, in terms of this procedure, are classified as major.

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ii.) Minor Aerodromes

The definition of a minor aerodrome would be that the aerodrome does not have the powers, authority or ability to control or direct air traffic from that facility, but does have an Airport manager and staff at the field during daylight hours.

In this case the actions taken and the discussions and agreements made are to be handled as in a manner similar to those for a major aerodrome as set out in 3(b.)(i.) below.

iii.) Municipal Aerodromes

A municipal aerodrome is the one most commonly associated with small towns in the RSA, and is either a grassed or tarred landing strip, maintained and operated by the municipality or some other delegated party. But the airspace belongs to the CAA.

**3 (b.) Model Field controls required at different Clubs**

The Controls which the Club will be required to observe at their fields are set out below; **If your club is ;**

**i.) Within 5 NM or in the CTR of a Major Aerodrome (in controlled airspace)**

These Clubs are restricted to a maximum of 150 ft agl. and may only fly to 400 ft if the ATNS of the nearest full size Aerodrome has been contacted, as follows;

- **Before any model flying commences that day**, the Club Safety Officer, or responsible person at the club field, will contact the Air Traffic Control tower, in whose area their field falls, by phone and inform them of the clubs intention to commence flying at the field/ club, and similarly on completion of the days flying, will again contact the Air Traffic Control tower and confirm that all flying has ceased for the day.

The Club officers above, must give their cell phone contact number to the Air Traffic Control in case there is an emergency or need for the Tower to contact them.

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- **A spotter or observer, will always be** with any pilot or group of pilots flying, to give early warning of a low flying full sized aircraft in the area, and to ensure that all Model aircraft flying at the time, land or drop below 150 feet, **and immediately take the necessary actions to avoid the full size aircraft at any cost.**
- If there is a Special Event, Airshow or Competition to be held at the Club, and the event requires exemption for additional height or other concessions, the Organiser of the event, will submit to SAMAA in writing a request for an exemption, which will be submitted through the normal channels to RAASA and to the ATC or ATNS, for approval, and only after having received **confirmation in writing, will SAMAA give the Club the requested Permits, exemptions and applicable conditions to be observed, for that event, for that day.** ( please note that this clearance cycle could be as long as 150 days)
- On rare occasions, especially with clubs located in the circuit of a single sided circuited aerodrome, and in bad weather, only limited height clearance may be given to that club for the day.
- By the same agreement, if a full size aircraft is flying at a low altitude in the immediate vicinity of the model field, the club has a right and an obligation, to phone the ATNS and report the problem.

**ii.) Under the TMA of a Major Aerodrome**

The conditions and control which must be implemented and followed by pilots before flying at 400 ft agl. are as follows;

- **A spotter or observer, will always be** with any pilot or group of pilots flying, to give early warning of a low flying full sized aircraft in the area, and to ensure that all Models flying, at the time, drop below 150 feet, **and immediately take the necessary actions to avoid the full size aircraft at any cost.**

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- If there is a Special Event, Airshow or Competition to be held at the Club, and the event requires exemption for additional height or other concessions, the Organiser of the event, will submit to SAMAA in writing a request for an exemption, which will be submitted through the normal channels to RAASA and to the ATC or ATNS, for approval, and only after having received **confirmation in writing, will SAMAA give the Club the requested Permits, exemptions and applicable conditions to be observed, for that event, for that day.** ( please note that this clearance cycle could be as long as 150 days)
- By the same agreement, if a full size aircraft is flying at a low altitude in the immediate vicinity of the model field, the club has a right and an obligation, to phone the ATNS and report the problem.

**(iii.) Near or at Minor or Unmanned Aerodromes**

The conditions and controls which will be implemented and followed by all affected Clubs before flying to 400ft agl. are;

- Discussions to be held with, and written permission obtained from the local Municipality, and other users of the facility, by the model club.
- Permission of the CAA, to be obtained, by the model club to use the airspace. (SAMAA have already obtained required permission for clubs included in list attached)
- A set of Operating procedures to be agreed to with both the Municipality the CAA and any other user of the aerodrome, ie full size aero club. This agreement **will be adhered to by the Club at all times, as this Agreement is to ensure that** the Safety of any full size aircraft, using the aerodrome, is not at risk when operating

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- Models from or at the facility. That if required by the Authorities, and full size aircraft using the aerodrome, the club will have a two way, hand held radio, and a certified radio operator present, to warn, but not to instruct any pilot flying a full size aircraft, of the presence of model aircraft flying, and will pass information onto the full size aircraft, when all model aircraft are out of the airspace.
- Modellers using the field will ensure compliance at all times, with all SAMAA Registration, Safety and Operational Procedures as set out in the MOP's.
  - That a spotter will be standing with the Pilot or pilots at all times to ensure that model aircraft avoid full size aircraft, under all circumstances.
  - **Be fully aware that at all times that manned or full size aircraft have the right of way in the use of the airspace.**

**4.) Responsibilities Of Parties.**

The responsibilities of the respective parties are set out below;

**Club (General)**

- As this MOP PR19 has now been Approved by RAASA and the ATNS, All **existing SAMAA Clubs, listed in the schedule below, and included in the CAA – AIP's must now comply with the contents of this MOP, including the completion of SAMAA Form F07 annually.**
- Where applicable those Clubs affected are now required to Contact their nearest Air Traffic Control Service (ATNS) under which their club falls, and confirm the required agreements with them, on the conditions under which the Club may fly its models.

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- If not already done, obtain the required letters of authority from the Municipality and/or the landowner, on which their field/Club is situated.
- Obtain letters of consent,(and if applicable), an operating agreement from other users of the Aerodrome airspace.
- Ensure that all outstanding information required for Registration of the Club, including letters of consent and the SAMAA Form F07, have been sent to SAMAA for processing.
- Ensure that all members flying at the venue are SAMAA Members and that they are aware of the Clubs and their responsibilities, and know the requirements of the SAMAA MOP`s, Safety rules and Regulations, and the CAA conditions under which approval for the field and the model aircraft flying has been granted.
- Have a spotter on the field with the pilots at all times.
- **Keep Models clear of all manned or full size aircraft overflying the field, at all times.**

**SAMAA**

SAMAA will insure that this Procedure PR19 is Posted on the SAMAA website and that all Clubs are made aware of the Procedure And Operate in accordance with the conditions set out. SAMAA will keep the List of Clubs, attached to this MOP updated, and will process all and any new Application for Registration for Clubs through RAASA , and on receipt of Approval will inform the Club concerned, and ensure that they know their responsibilities.

**RAASA**

RAASA,(the primary Authority), is responsible for the safe use of airspace, has approved this procedure, which confirms the conditions under which Model Flying Clubs within 5 NM, within the CTR or under the TMA of a Full size Airfield or Aerodrome may be operated.

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RAASA will circulate this information through the relevant authorities (ie ATNS) and further ensure;

- That the Model fields location is known to the Aerodrome Traffic Control Services and through them, to all pilots who are flying low in the area of the model flying field, and to general traffic overflying the area.
- Make known to full size aircraft operating in the area the maximum height, that a Model aircraft will be flying at a Model flying field.
- Having this MOP PR19, circulated and issued, and the agreement made known to the affected Air Traffic Control authorities.
- Have the relevant AIC`s or AIP`s issued to all full size pilots
- Have all new issues of the larger Civil Aviation Maps updated.

**GENERAL**

**The ATNS and RAASA have confirmed that in future no new model flying fields will be allowed or registered within 5 NM or within the CTR of an existing full size Aerodrome or Airfield.**

**BELOW**

**Are scheduled the SAMAA Registered Model Flying Clubs within the CTR, TMA or within 5 NM of a Full size Airfield, which have been APPROVED as at the 01 February 2012, and which are which are affected by this Procedure PR19.**

**ATTACHED LIST OF CLUBS AFFECTED**

KFN.

**LIST OF SAMAA REGISTERED MODEL FLYING CLUBS WHICH FALL WITHIN 5 NM, WITHIN THE CTR OR UNDER THE TMA OF A FULL SIZE AERODROME OR AIRFIELD.**

<b>SAMAA REGISTERED FLYING FIELDS WITHIN 5 NM OF AN AERODROME OR AIRFIELD (See CAA AIP`s for confirmation)</b>							
<b>All these Flying Fields may only Operate if they Comply with the Conditions set out in the SAMAA MOP PR 19</b>							
(Derived from Flying Field Information submitted to RAASA with ARO Renewal Application on 15th October 2010)							
<b>Club No.</b>	<b>Club Name</b>	<b>Province</b>	<b>Coord S</b>	<b>Coord E</b>	<b>Comments</b>	<b>Closest full-size aerodromes</b>	<b>Distance(NM)</b>
<b>Under Lanseria CTR</b>							
1	Durban Deep Radio Flyers	GAUTE NG	26 04 15	27 52 12		Krugersdorp	7.80
7	Johannesburg Model Airplane Club	GAUTE NG	25 57 46	28 00 07		Lanseria	4.35
80	West Rand Aeromodelling Club	GAUTE NG	26 02 48	27 50 10		Lanseria	8.23
177	Bartlett Egg Radio Gliders	GAUTE NG	26 02 21	27 47 44	Thermal soaring, occ.overflying by aircraft to/from Lanseria	Lanseria Krugersdorp	9.00 4.54
<b>Under LanseriaTMA</b>							
17	Snoopy`s Squadron	GAUTE NG	26 07 47	27 44 29		Krugersdorp	
229	Roodepoort Radio Control Club	GAUTE NG	26 09 36	27 50 36		Krugersdorp	
<b>Under Waterkloof CTR</b>							

Defence	13	Pretoria Radio Flyers	GAUTE NG	25 52 59	28 19 25		Waterkloof	6.28
Defence	36	Irene Radio Vlieëners	GAUTE NG	25 54 34	28 13 13		Waterkloof	4.92
Defence	211	Pretoria Military RC Flying Club	GAUTE NG	25 49 35	28 13 44	Operating ex Waterkloof AFB on Wednesday PM	Waterkloof	0.00
Defence	215	Defence Force Flying Club	GAUTE NG	25 48 18	28 09 46	At Zwartkop AFB	Zwartkop AFB	0.00
<b>Under Waterkloof TMA</b>								
	16	Silverton Modelvliegklub	GAUTE NG	25 49 50	28 32 02	Adjacent to Rhino Park	Rhino Park	
	273	Bronkhorstspuit Model Aircraft Club	GAUTE NG	25 47 02	28 41 31		Bronkhorstspuit	
	241	Highveld Scale Flyers	GAUTE NG	25 56 03	28 29 29			
<b>Under OR Tambo CTR</b>								
	267	Greenfields Eastern Model Soarers	GAUTE NG	25 59 43	28 22 01	Thermal soaring	Fly-In Estate Microland	1.70 1.64
	2	Barnstormers Kemptonpark	GAUTE NG	26 00 44	28 17 43		Johannesburg International Microland Flight Park Fly Inn Estate	6.4 5.45 3.80
	83	Chloorkop R/C Fliers	GAUTE NG	26 03 10	28 10 26	Seldom used. Privately owned.	Grand Central	4.20
	11	Modderfontein Model Aero Club	GAUTE NG	26 06 32	28 10 31		Johannesburg International	3.65
	56	Aquatic Model Aircraft Group	GAUTE NG	26 14 31	28 14 23	Float flying	Johannesburg International	4.69
	34	Eastern Thermal Busters	GAUTE NG	26 03 30	28 20 12		Johannesburg International	4.54
	157	SA Modelsport Flying Academy	GAUTE NG	26 10 26	28 20 55	Helicopters only	Sharing Benoni Heliport	0.00
	3	Benoni Radio Flyers	GAUTE NG	26 10 05	28 24 12		Benoni/Brakpan Springs OR Tambo	6.91 4.82 8.42

Under OR T TMA								
15	Rand Model Aeronautic Club	GAUTE NG	26 19 15	28 03 25	Regular incursions by aircraft from Panorama	Panorama Flight Park	0.8	
51	Rosslyn Aero Modellers	GAUTE NG	25 38 51	28 00 50		Wonderboom		
55	Randfontein Radio Flyers	GAUTE NG	26 07 53	27 38 21				
67	White Hills Radio Flyers	GAUTE NG	25 52 02	28 05 12		Swartskops/ Waterkloof	5,44 NM 7,74NM	
95	Silverton Gliding Club	GAUTE NG	25 45 43	28 23 37	Thermal soaring activity	Wonderboom		
110	Aero Aces Nigel	GAUTE NG	26 22 27	28 27 38		Dunnottar		
113	Chicken Hawk Flyers Walkerville	GAUTE NG	26 22 50	27 57 26	Helicopters only			
126	Westonaria Model Aircraft Club	GAUTE NG	26 19 41	27 38 16		Baragwanath/Syferfontein		
142	Umbila Radio Flyers	GAUTE NG	26 15 53	28 32 20				
158	Henley Aero Modellers	GAUTE NG	26 34 42	28 04 23		Vereeniging		
193	Sweet Landings 1	GAUTE NG	26 26 22.68	27 54 09				
195	Groengoud	GAUTE NG	25 49 52	28 05 32	Facility shared with powered paragliders	Waterkloof		
205	Western Radio Flyers	GAUTE NG	26 10 42.32	27 43 29.73				
212	ATE Paardefontein	GAUTE NG	25 28 15	28 22 34	Training of pilots for UAV Flight Testing (ATE)			
222	Ditholo Radio Flyers	GAUTE NG	25 19 15	28 18 43	Training of pilots for UAV Flight Testing			
237	Sweet Landings 2 (Float Flying)	GAUTE NG	26 26 41.09	27 54 4.15	Float flying			
238	Moot radio flyers	GAUTE NG	25 42 36	28 04 01				
239	Mount Ridge RC Flying Club	GAUTE NG	26 35 30	27 53 30				
254	Brakfontein Modelvliegklub	GAUTE NG	25 58 39.80	28 47 13.35		Bronkhorstspuit		
256	2.4@The Rock	GAUTE	26 12	28 21		Brakpan/Benoni and		



			NG	21	09		Springs	
	259	Wimpies Float Dam (Umbila RF)	GAUTE NG	26 19 48	28 39 02	Float flying		
<b>Under CTA CTR</b>								
	6	Helderberg Radio Flyers	WESTE RN CAPE	34 02 48	18 44 25		Stellenbosch	5.72
	23	Cape Radio Flyers	WESTE RN CAPE	33 51 08	18 29 52		Ysterplaat AFB CTR	2.98
	252	Cape Town Radio Heli Flyers	WESTE RN CAPE	33 48 04	18 34 44	Helicopters only. Sharing facilities with microlights	Contermans Kloof	0.00
	255	ArcelorMittal Saldanha Radio Control Club	WESTE RN CAPE	33 01 30	18 03 20		Langebaanweg CTR	6.47
<b>Under CTA TMA</b>								
	4	Cango Flying Club	WESTE RN CAPE	33 33 58	22 11 53		Oudtshoorn	3.84
	18	Tygerberg Model Flying Club	WESTE RN CAPE	33 42 18	18 43 57		Fisantekraal	4.00
	35	George Radio Flyers	WESTE RN CAPE	33 59 30	22 25 54			
	76a	Southern Soaring Club	WESTE RN CAPE	33 57 22	18 28 56	Thermal soaring activity	Cape Town International	6.11
	76b	Southern Soaring Club - Youngsfield	WESTE RN CAPE	34 03 01	18 29 16	Thermal soaring activity	Cape Town International	6.20
	77	Peninsula Radio Flyers	WESTE RN CAPE	34 04 23	18 30 36		Cape Town International	7.69
	100	St Blaize Modelvlieërs	WESTE RN CAPE	34 09 08'	22 03 43			
	117	Wynland Modelvliegklub	WESTE RN	33 39 21	19 25 01	At aerodrome. Good comms with aerodrome operator	Worcester	0.44

			CAPE					
	124	Swiss Flying Club	WESTE RN CAPE	33 47 26	18 46 11		Fisantekraal	1.86
	130	Swellendam Radio Flyers	WESTE RN CAPE	34 02 36.11	20 33 39			
	132	Knysna Radio Flyers	WESTE RN CAPE	34 02 49	23 04 05			
	141	Hessequa Modelvlieërs Riversdal	WESTE RN CAPE	34 06 38	21 15 34	Facility on aerodrome	Riversdale Municipal	
	143	Boland Model Aircraft Club	WESTE RN CAPE	33 45 02	18 52 27		Fisantekraal	6.84
	144	Fish Hoek Electric Radio Flyers	WESTE RN CAPE	34 07 30	18 24 29	Electric only. Occasional overflying by helicopters (tourism)	Cape Town International	13.44
	152	Bredasdorp Model Aircraft Club	WESTE RN CAPE	34 38 34	20 03 28	Farm club. Very little activity	Bredasdorp	1.33
	168	Peninsula Radio Modelling Club	WESTE RN CAPE	33 40 17	18 29 52		Delta 200	1.81
	197	Robertson Radio Flyers	WESTE RN CAPE	33 48 43	19 55 49			
	228	Heidelberg RC Flying Club	WESTE RN CAPE	34 06 32	20 53 38			
	230	Walkerbay Radio Flyers	WESTE RN CAPE	34 21 32	19 08 49		Elgin	12.08
	231	Beaufort-wes Modelvliegklub	WESTE RN CAPE	32 19 05	33 34 43		Beaufort West	4.50
	240	Knysna radio flyers - heidekruin-plase	WESTE RN CAPE	33 57 19.16	22 58 16.12			
	244	False Bay Helicopter Club	WESTE RN CAPE	34 02 21	18 48 05	Helicopters only	Stellenbosch	3.70

	264	Hessequa Modelvlieërs Stilbaai	WESTERN CAPE	34 21 08	21 25 20		Stilbaai Municipal	
	276	MWM Dam Float Flying	WESTERN CAPE	33 49 25	18 49 27	Float flying only	Fisantekraal	5.24
<b>Under EL CTR</b>								
	31	East London Model Airplane Club	EASTERN CAPE	33 02 52	27 52 02	East London Airport (340ft ASL). Club 115ft ASL.	East London CTR	2,07
	12	Port Elizabeth Radio Flyers	EASTERN CAPE	33 52 33	25 21 03'		Port Elizabeth Airport	5,69
	88	Uitenhage Radio Flyers	EASTERN CAPE	33 46 02	25 22 15.81	ex Military field	Utenhage Municipal	1,25
	210	Pyrates Of The Sky	EASTERN CAPE	33 31 09.22	26 55 00.38		43 flight Training school	2,55
	262	Pyrates of the Sky Batumzinga Farm	EASTERN CAPE	33 33 17	26 55 24		43 Flight training school	1,84
<b>Under BLOEM TMA</b>								
	24	Central Radio Flyers	FREE STATE	29 11 25	26 11 47		Under Bloem TMA New Tempe Bloemfontein	9.29 8.00
	138	Bloemfontein Model Aircraft Club	FREE STATE	29 13 52	26 05 07		New Tempe	12.55
	173	Radio Control Model Field - Kelly's View	FREE STATE	29 09 46	26 06 55		Under Bloem TMA	
	269	Flyzone Central	FREE STATE	29 21 18	26 12 09			16,5
	20	Welkom Model Aircraft Club	FREE STATE	27 58 19.40	26 41 28.32	on deregistered strip	Welcom Municipality	1,88
	204	Frankfort Fun Flyers	FREE STATE	27 17 21	28 30 49		on Frankfort Municipal Airfield	
	223	Kroon Radio Flyers	FREE STATE	27 43 31	27 15 29		Kroonstad Municipal	4,8
	243	Gariiep Aviation (Annual Fly-in)	FREE STATE	30 33 52	25 31 47	May-June fly-in. Usually jets and large model aircraft	Gariiep Aviation	

Under DBN CTR								
	101	Umhlanga Model Flyers	KWAZU LU NATAL	29 36 16	31 03 00		King Shaka International CTR	3.45
Under DBN TMA								
	8	Kingsburg Model Flying Club	KWAZU LU NATAL	30 11 51	30 47 57		CF Landers airfield	7.22
	30	Durban Model Aircraft Club	KWAZU LU NATAL	29 44 10	30 37 45		Cato Ridge Microlight	2.23
	47	Newcastle Model Aircraft Club	KWAZU LU NATAL	27 46 13	29 58 35	Facility on aerodrome. Good coop with aerodrome operator	Newcastle Municipal	
	123	Shongweni Model Flying Club	KWAZU LU NATAL	29 47 48	30 44 26			
	163	Cato Manor Model Flying Club	KWAZU LU NATAL	29 52 05	30 57 44	Sports field. Occasional near-overflights by red cross helicopters	Durban International	6.22
	184	Valley Radio Control Model Club	KWAZU LU NATAL	29 54 25	30 57 20		Durban International	3.53
	187	Isithebe Prop Benders Flying Club	KWAZU LU NATAL	29 06 27	31 24 37		Shared use on iSithebe	0.00
	207	Cato Manor MFC - Emoyeni	KWAZU LU NATAL	29 44 56	30 33 04		Sharing Emoyeni Microlight Field	0.00
	216	Dukuza Model Flying Club	KWAZU LU NATAL	29 24 23	31 17 15		King Shaka International	17.50
	225	Scottsburg Model Aircraft Club	KWAZU LU NATAL	30 18 55	30 43 40		CF Landers airfield	0.68
	233	Summerveld Estate - Durban MAC	KWAZU LU NATAL	29 49 43	30 42 23	Thermal soaring activity	Alverstone Airfield	3.20
	248	Noodsberg Gliding Site	KWAZU LU NATAL	29 21 11	30 41 23		Wartburg	6.74

	265	Cane Rat Flyers	KWAZU LU NATAL	30 06 58.87	30 49 01.15		Durban International	10.94
	58a	South Coast Association of Radio Flyers - DG	KWAZU LU NATAL	30 46 14	30 25 30	Training only.	Des Gutzeit strip (Delta Golf)	0.00
	58b	South Coast Association of Radio Flyers - Oribi (Primary Site)	KWAZU LU NATAL	30 40 25	30 14 37		Fredenheim	0.00
<b>Under PMB CTR</b>								
	42	Maritzburg Model Aircraft Club	KWAZU LU NATAL	29 40 38	30 29 57		Pietermaritzburg CTR	5.41
	154	Howick Model Aircraft Club	KWAZU LU NATAL	29 32 26	30 13 16		Howick	0.92
	191	Vryheid model aircraft club	KWAZU LU NATAL	27 47 29.22	30 45 42.46		Vryheid Municipal	1,30
	232	Ladysmith R/C Club	KWAZU LU NATAL	28 30 25	29 42 58		Ladysmith	4.81
	50	Capricorn Radio Modelvliegklub	LIMPOP O	23 52 23.70	29 28 46.20		Polokwane Municipal Gateway	3.35 1.49
	82	Soutpansberg R/C Model Club	LIMPOP O	23 03 15.71	29 55 57.81		Louis Trichard Munisipal	3,54
	189	Bosveld Aasvoëls	LIMPOP O	23 43 41	27 41 20	Facility shared with microlights on aerodrome (ex-military)		0.00
	199	Bela Bela Valke	LIMPOP O	24 54 40.47	28 18 31.32	Facility on aerodrome. Coop. with pow.paragliders, microlights	Bela Bela	0.00
	200	Mokopane radio flyers	LIMPOP O	24 13 44	28 59 05	Operating from aerodrome with consent of aerodrome owner		
	268	Fighter Town RC Flyers	LIMPOP O	23 10 21.8	29 42 47.8	Om Military baseat Louis Trichard (Braambos)		
	10	Middelburg radio flyers	MPUMA LANGA	25 43 29	29 28 10		Middelburg Municipal	2,43
	33	Ermelo Radio Flyers	MPUMA LANGA	26 35 46.33	29 58 2.58		Ermalo Municipal	5,99
	86	Groblersdal	MPUMA	25 11	29 24	on colliery property	Grobersdal Muncipal	

		modelvliegklub	LANGA	03.85	22.15			
93		Teksa Radio Control Model Club	MPUMA LANGA	26 29 06	29 13 12		Secunda Municipal	
122		Aeromasters 1 Leslie	MPUMA LANGA	26 22 02	28 54 33		On Leslie Aerodrome	0
136		O'Lydens Modelvliegklub	MPUMA LANGA	25 06 15.5	30 24 46.8		Lydenberg Municipal	
167		Piet Retief Aeromodellers	MPUMA LANGA	27 01 48	30 48 43		Piet Retief Municipal	2,48
270		Highveld Model Flyers	MPUMA LANGA	26 30 29	29 09 39		Secunda	0,95
38		Klerksdorp Radio Flyers	NORTH WEST	26 52 17	26 41 34		PC Pelser	1,32
72		Midwest model club	NORTH WEST	26 46 07.63	27 04 27.44		Potchestroom Municipal	
108		Brits Radio Vlieërs	NORTH WEST	25 41 02	27 40 19		Aviator's Paradise	2.43
131		Zeerust Model Fliers	NORTH WEST	25 36 04.26	26 02 31.53	ex Militart now commercial	Zeerust Municipal	
234		Waagfontein radio flyers	NORTH WEST	25 44 53.27	27 24 08.11		Rustenburg Flying Club	
242		Jets-R-Us Flying Field	NORTH WEST	25 32 57	27 56 40	Abandoned ODI. Regular overflying for training	Wonderboom	16.23
64		Uppington radio vlieëniers	NORTH ERN CAPE	28 23 54	21 09 42		Pierre Van Ryneveld	5,22
78		Kimberley model aircraft club	NORTH ERN CAPE	28 44 33	24 39 55	At John Weston glider Club, good liasion with microlight club		
164		Namakwaland Aero Sport Association	NORTH ERN CAPE	29 41 21.18	17 56 13.05	Facility on aerodrome	Springbok	
203		Kalahari Radio Flyers	NORTH ERN CAPE	27 27 36	23 24 43		Kuruman Municipal	
		In CTR of a Major Airport or Aerodrome						

