

# Worldwide Soaring Turnpoint Exchange

## Unofficial Coordinates for the Mafikeng ( Mmabatho ), South Africa Control Points

Contest: 27th World Glider Championships, 2001  
 Courtesy of Soaring Society of South Africa

Dated: 03 October, 2000

Updated courtesy of Dick Bradley

Updated: 11 December, 2001

Magnetic Variation: 17.0 W

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### UNOFFICIAL, USE AT YOUR OWN RISK

Always consult the relevant publications for current and correct information.

This service is provided free of charge with no warranties, expressed or implied.

User assumes all risk of use.

ID	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation Meters	Codes*	Description	ID	Date	Distance Km	Bearing	Comment
AMA	Amalia	27 15 00 S	25 03 00 E	27 15.000 S	25 03.000 E	1300	T	Railway Station	AMA		168	214	
BAR	Barkly West	28 31 20 S	24 36 00 E	28 31.333 S	24 36.000 E	1200	T	Rail/River Bridge	BAR		316	214	
BEL	Belmont	29 24 43 S	24 22 00 E	29 24.717 S	24 22.000 E	1350	T	Rail Junction	BEL		417	213	
BET	Bethel	26 03 49 S	25 40 30 E	26 03.817 S	25 40.500 E	1400	T	Cross Roads	BET		32	172	
BLA	Blackrock	27 07 39 S	22 50 42 E	27 07.650 S	22 50.700 E	1200	TA	Tar Runway	BLA		306	258	
BLI	Blikfontein	27 49 50 S	23 55 00 E	27 49.833 S	23 55.000 E	1350	T	Cross Roads	BLI		277	232	
BLO	Bloemhof	27 37 00 S	25 36 00 E	27 37.000 S	25 36.000 E	1234.4	TA	Grass Runways	BLO		202	195	
BOD	Bodenstein	26 19 58 S	26 29 20 E	26 19.967 S	26 29.333 E	1490	T	Road/Rail Crossing	BOD		111	139	
BOS	Boshof	28 32 15 S	25 14 00 E	28 32.250 S	25 14.000 E	1280	T	Town Centre	BOS	23-Nov-01	305	203	
BOT	Bothaville	27 22 00 S	26 38 00 E	27 22.000 S	26 38.000 E	1292.4	TA	Tar Runway	BOT		205	165	
BRA	Bray	25 27 45 S	23 42 02 E	25 27.750 S	23 42.033 E	1200	T	T-Junction	BRA		188	298	
BRO	Broedersput	26 49 00 S	25 06 20 E	26 49.000 S	25 06.333 E	1300	T	Town Centre	BRO		121	218	
BUL	Bultfontein	28 16 00 S	26 08 00 E	28 16.000 S	26 08.000 E	1341.1	TA	Grass Runway	BUL	23-Nov-01	280	185	
CAM	Campbell	28 48 20 S	23 42 40 E	28 48.333 S	23 42.667 E	1250	T	Town Centre	CAM		379	225	
CAR	Carnarvon	30 59 20 S	22 08 00 E	30 59.333 S	22 08.000 E	1280	TA	Airfield	CAR		666	226	

ID	Name	Latitude	Longitude	Latitude	Longitude	Elevation Meters	Codes*	Description	ID	Date	Distance Km	Bearing	Comment
CAS	Cassell	26 58 00 S	23 59 30 E	26 58,000 S	23 59,500 E	1350	T	Cross Roads	CAS		201	247	
CHR	Christiana	27 54 00 S	25 09 10 E	27 54,000 S	25 09,167 E	1300	T	Railway Station	CHR		236	206	
COL	Coligny	26 20 00 S	26 18 40 E	26 20,000 S	26 18,667 E	1490	T	Rail Junction	COL		97	145	
DEA	Dealesville	28 40 40 S	25 46 10 E	28 40,667 S	25 46,167 E	1300	T	Town Centre	DEA		320	193	
DEL	Delareyville	26 40 36 S	25 28 36 E	26 40,600 S	25 28,600 E	1368,6	TA	Airfield Grass	DEL		97	201	
DEP	Delpontshoop	28 25 00 S	24 18 30 E	28 25,000 S	24 18,500 E	1440	T	Town Centre	DEP	23-Nov-01	315	219	
DIN	Dingleton (Sishen)	27 47 20 S	25 59 20 E	27 47,333 S	22 59,333 E	1200	T	Railway Station	DIN		336	245	
DUD	Dudfield	26 12 00 S	25 59 30 E	26 12,000 S	25 59,500 E	1249,7	TA	Tar Runway/Factory	DUD		63	151	
FOR	Fort Weber	27 32 00 S	25 05 00 E	27 32,000 S	25 05,000 E	1300	T	Farm	FOR	23-Nov-01	198	210	
GAN	Ganyesa	26 35 30 S	24 10 10 E	26 35,500 S	24 10,167 E	1300	T	Cross Roads	GAN		162	254	
GAR	Gariep Dam	30 34 00 S	25 32 00 E	30 34,000 S	25 32,000 E	1274,1	TA	Tar Runway	GAR		530	197	
GER	Gerdau	26 28 04 S	26 06 06 E	26 28,060 S	26 06,100 E	1430	T	Road Junction	GER		93	160	
GRI	Griquaastad	28 50 40 S	23 15 20 E	28 50,667 S	23 15,333 E	1350	T	Town Centre	GRI		406	230	
GRO	Gromefont	27 02 12 S	26 20 52 E	27 02,200 S	26 20,867 E	1400	T	Road Crossing	GRO	23-Nov-01	159	167	
HAI	Harrisburg	27 06 30 S	26 23 30 E	27 06,500 S	26 23,500 E	1380	T	Railway Station	HAI		168	167	
HAR	Hartbeesfontein	26 43 30 S	26 25 30 E	26 43,500 S	26 25,500 E	1400	T	Road Junction N of Town	HAR	11-Dec-01	135	156	
HER	Hertzogville	28 07 40 S	25 30 10 E	28 07,667 S	25 30,167 E	1370	T	Town Centre	HER		258	198	
HOO	Hoopsstad	27 49 30 S	25 54 48 E	27 49,500 S	25 54,800 E	1252,7	TA	Airfield Gravel	HOO		228	188	
HOT	Hotazel	27 12 30 S	22 57 40 E	27 12,300 S	22 57,667 E	1000	T	Railway Station	HOT		300	255	
ITS	Itsoseng	26 05 27 S	25 49 29 E	26 05,450 S	25 49,483 E	1400	T	Rd/Rail Crossing	ITS		43	155	
JAG	Jagersfontein	29 47 20 S	25 25 30 E	29 47,333 S	25 25,500 E	1400	T	Railway Station	JAG		443	198	
JAN	Jan Kempdorp	27 56 35 S	24 49 22 E	27 56,583 S	24 49,367 E	1188,7	TA	Airfield Centre	JAN		248	213	
KAD	Kalk Dam	25 31 15 S	26 08 40 E	25 31,250 S	26 08,667 E	1300	T	Dam Wall	KAD		68	80	
KAL	Kalkfontein	29 30 00 S	25 13 00 E	29 30,000 S	25 13,000 E	1350	T	Dam Wall	KAL	23-Nov-01	412	201	
KAT	Katbosfontein	27 04 30 S	25 43 00 E	27 04,500 S	25 43,000 E	1470	T	Road Junction	KAT	11-Dec-01	142	190	
KEN	Kenhardt	29 20 50 S	21 08 40 E	29 20,833 S	21 08,667 E	883	T	Town Centre	KEN		585	244	
KIN	Kingswood	27 27 15 S	25 46 40 E	27 27,250 S	25 46,667 E	1320	T	Old Airfield	KIN	23-Nov-01	185	190	
KLE	Klerksdorp	26 52 00 S	26 43 00 E	26 52,000 S	26 43,000 E	1356,4	TA	Tar Runway	KLE		166	152	
KOF	Koffiefonten	29 24 40 S	25 00 40 E	29 24,667 S	25 00,667 E	1200	T	Railway Station	KOF		404	204	
KOO	Koopman	28 14 15 S	24 01 40 E	28 14,250 S	24 01,667 E	1200	T	Railway Station	KOO		309	226	
KOP	Kopela	26 25 54 S	25 32 36 E	26 25,900 S	25 32,600 E	1370	T	Road Junction	KOP		70	197	
KOS	Koster	25 51 40 S	26 53 30 E	25 51,667 S	26 53,500 E	1560	T	Railway Station	KOS		135	110	
KUR	Kuruman	27 28 00 S	23 25 00 E	27 28,000 S	23 25,000 E	1700,8	TA	Tar Runway	KUR		281	245	
LEI	Leighland	25 53 00 S	25 11 00 E	25 53,000 S	25 11,000 E	1280,2	T	Village	LEI		37	273	
LIC	Lichtenburg	26 10 00 S	26 11 00 E	26 10,000 S	26 11,000 E	1487,4	TA	Tar Runway	LIC		76	139	
LIM	Lime Acres	28 21 30 S	23 26 30 E	28 21,500 S	23 26,500 E	1493,5	TA	Tar Runway	LIM		352	233	
LOG	Logageng	25 55 04 S	24 40 12 E	25 55,067 S	24 40,200 E	1250	T	Road/River Bridge	LOG		88	279	
LYS	Lykso	27 13 00 S	24 06 00 E	27 13,000 S	24 06,000 E	1200	T	Village	LYS	23-Nov-01	213	239	
MAD	Marydale	29 24 00 S	22 06 40 E	29 24,000 S	22 06,667 E	1100	TA	Airfield	MAD		523	236	
MAF	<b>Mafikeng</b>	25 48 17 S	25 32 24 E	25 48,281 S	25 32,404 E	1280,2	TAH	Airfield Control Tower	MAF				
MAG	Magaliesburg	26 00 10 S	27 32 30 E	26 00,167 S	27 32,500 E	1554	T	Railway Station	MAG		201	114	
MAH	Mahemsfakte	26 34 30 S	25 13 00 E	26 34,500 S	25 13,000 E	1300	T	Salt Pan	MAH		92	218	
MAN	Mansfield	26 14 12 S	24 45 06 E	26 14,200 S	24 45,100 E	1250	T	Road Junction	MAN		92	255	
MAR	Mareet/Strip	26 09 05 S	25 23 59 E	26 09,083 S	25 23,983 E	1280,2	TL	Soil Runway	MAR		41	217	
MCC	Mccarthy	26 12 21 S	22 34 18 E	26 12,350 S	22 34,300 E	1200	T	T-Junction	MCC		300	278	
MID	Middlepunt	26 24 36 S	24 34 30 E	26 24,600 S	24 34,500 E	1250	T	Road Junction	MID		118	252	
MIG	Migdol	26 53 45 S	25 27 06 E	26 53,750 S	25 27,100 E	1370	T	Silos	MIG		122	201	
MIN	Mine Strip	26 10 54 S	25 14 00 E	26 10,900 S	25 14,000 E	1280,2	TL	Soil Airfield	MIN		52	233	
MMD	Mma Dam	25 51 24 S	25 30 31 E	25 51,400 S	25 30,510 E	1280	T	Check Point	MMD		6,6	226	
MOL	Molopo Dam	25 49 30 S	25 18 55 E	25 49,500 S	25 18,917 E	1280	T	Dam Centre	MOL		23	281	

ID	Name	Latitude	Longitude	Latitude	Longitude	Elevation Meters	Codes*	Description	ID	Date	Distance Km	Bearing	Comment
MOR	Morokwa	26 07 38 S	23 46 27 E	26 07.633 S	23 46.450 E	1200	T	Village	MOR	23-Nov-01	180	275	
OLI	Olifantshoek	27 57 18 S	22 44 42 E	27 57.300 S	22 44.700 E	1249.7	TA	Grass Runway	OLI		366	246	
OMK	Omkyk	26 15 30 S	25 48 30 E	26 15.500 S	25 48.500 E	1400	T	Road Junction	OMK		57	169	
ORA	Oranjerivier	29 36 40 S	24 12 00 E	29 36.667 S	24 12.000 E	1100	T	Rail/River Crossing	ORA		443	214	Do Not Use
ORK	Orkney	26 58 00 S	26 39 10 E	26 58.000 S	26 39.167 E	1380	T	Rail Junction	ORK		170	157	
OTT	Ottosdal	26 49 00 S	25 59 50 E	26 49.000 S	25 59.833 E	1400	T	Rail Junction	OTT		121	175	
PIE	Piet Plessis	26 08 00 S	24 24 50 E	26 08.000 S	24 24.833 E	1300	T	Cross Roads	PIE		118	269	
POM	Pomfret	25 51 00 S	23 31 45 E	25 51.000 S	23 31.750 E	1164.3	TA	Airfield	POM		201	285	
POS	Posmasburg	28 19 50 S	23 04 50 E	28 19.833 S	23 04.833 E	1310.6	TA	Town	POS	23-Nov-01	372	237	
POT	Potchefstroom	26 40 00 S	27 04 54 E	26 40.000 S	27 04.900 E	1377.7	TA	Tar Airfield	POT		181	139	
PRI	Prieska	29 40 30 S	22 45 15 E	29 40.500 S	22 45.250 E	1000	T	Railway station	PRI		510	229	
PUD	Pudimoe	27 23 25 S	24 42 40 E	27 23.417 S	24 42.667 E	1300	T	Railway Station	PUD		195	222	
RAM	Ramatlabana	25 38 18 S	25 34 18 E	25 38.300 S	25 34.300 E	1280.2	T	Border Post	RAM		19	27	
REI	Reivilo	27 33 18 S	24 10 00 E	27 33.300 S	24 10.000 E	1429.5	TA	Airfield Gravel	REI		238	232	
RIE	Riet Pan	25 59 30 S	26 37 00 E	25 59.500 S	26 37.000 E	1560	T	Road Junction	RIE		110	118	
RUS	Rustenburg	25 40 00 S	27 14 30 E	25 40.000 S	27 14.500 E	1127.8	T	Town Golf Course	RUS	23-Nov-01	171	102	
SAN	Sannieshof	26 32 00 S	25 48 00 E	26 32.000 S	25 48.000 E	1440	T	Railway Station	SAN		85	179	
SCH	Schweizer Reneke	27 10 00 S	25 18 00 E	27 10.000 S	25 18.000 E	1280.2	TA	Airfield	SCH		153	206	
SET	Setlagole	26 15 48 S	25 07 15 E	26 15.800 S	25 07.250 E	1350	T	Road Junction	SET		66	236	
SEV	Severn	26 35 20 S	22 51 24 E	26 35.333 S	22 51.400 E	1200	T	Road Crossing	SEV		282	268	
SIL	Silver Streams	28 20 35 S	23 34 40 E	28 20.583 S	23 34.667 E	1430	T	Railway Station	SIL	23-Nov-01	343	231	
SLU	Slurry	25 49 00 S	25 53 00 E	25 49.000 S	25 53.000 E	1426.5	TA	Grass Runway	SLU		34	109	
STL	Stella	26 33 00 S	24 52 00 E	26 33.000 S	24 52.000 E	1310	TA	Grass Runway	STL		107	236	
STR	Strydenburg	29 56 30 S	23 40 40 E	29 56.500 S	23 40.667 E	1100	T	Town Centre	STR		495	218	
THE	Theronskop	26 48 00 S	24 27 00 E	26 48.000 S	24 27.000 E	1300	T	Road Junction	THE		155	241	
TOM	Tommys Field	28 16 00 S	23 07 00 E	28 16.000 S	23 07.000 E	1310.6	TA	Tar Runway	TOM		364	238	Do Not Use
TSW	Tswalo	27 11 18 S	22 28 24 E	27 11.300 S	22 28.400 E	1200	TA	Tar Runway	TSW		342	260	
UPI	Upington	28 24 00 S	21 15 24 E	28 24.000 S	21 15.400 E	850.7	TA	Tar Runway	UPI		513	252	
VAN	Vanzylsrus	26 52 37 S	22 03 09 E	26 52.617 S	22 03.150 E	1000	T	Road T Junction	VAN		367	267	
VOR	Vorstors	25 50 05 S	23 01 30 E	25 50.083 S	23 01.500 E	1200	T	Road Junction	VOR		252	286	
VRH	Vryhof	26 02 28 S	25 30 59 E	26 02.467 S	25 30.983 E	1400	T	Silos	VRH		26	202	
VRV	Vryburg	26 58 25 S	24 43 40 E	26 58.417 S	24 43.667 E	1194.8	TA	Tar Airfield	VRV		153	229	
WAR	Warrenton	28 06 00 S	24 52 00 E	28 06.000 S	24 52.000 E	1300	T	Railway Station	WAR		264	212	
WAT	Watersend	25 37 20 S	22 52 00 E	25 37.333 S	22 52.000 E	1000	TA	Airfield	WAT		269	291	
WEL	Welverdiend	26 22 40 S	27 16 35 E	26 22.667 S	27 16.583 E	1590	T	Rail Junction	WEL		185	128	
WOL	Wolmaransstad	27 11 50 S	25 58 00 E	27 11.833 S	25 58.000 E	1470	T	Railway Station	WOL		161	182	
ZEE	Zeenust Airfield	25 36 00 S	26 02 00 E	25 36.000 S	26 02.000 E	1298.5	TA	Tar Runway	ZEE		54	82	
ZOE	Zoet En Smart	27 05 00 S	25 05 15 E	27 05.000 S	25 05.250 E	1300	T	Road Junction	ZOE		149	214	
SL1	Start Line 1	25 51 30 S	25 27 30 E	25 51.500 S	25 27.500 E	1280	S	Centre Point	SL1	09-Dec-01	10	251	
SL2	Start Line 2	25 51 30 S	25 38 00 E	25 51.500 S	25 38.000 E	1280	S	Centre Point	SL2	09-Dec-01	11	140	
FIN	Finish Line	25 48 46 S	25 32 25 E	25 48.769 S	25 32.425 E	1280	FA	Point on Main Runway	FIN	09-Dec-01	0.9	195	
SAL	SAI AI Start	25 50 00 S	25 24 00 E	25 50.000 S	25 24.000 E	1282	S	Start Point	SAL		14	274	
SBI	SBI BI Start	25 50 00 S	25 26 18 E	25 50.000 S	25 26.300 E	1282	S	Start Point	SBI		11	270	
SCI	SCI CI Start	25 50 00 S	25 28 36 E	25 50.000 S	25 28.600 E	1282	S	Start Point	SCI		7.1	260	
SD1	SDI DI Start	25 50 00 S	25 30 54 E	25 50.000 S	25 30.900 E	1282	S	Start Point	SD1		4.1	235	
SE1	SEI EI Start	25 50 00 S	25 33 12 E	25 50.000 S	25 33.200 E	1282	S	Start Point	SE1		3.5	174	
SF1	SFI FI Start	25 50 00 S	25 35 30 E	25 50.000 S	25 35.500 E	1282	S	Start Point	SF1		6.1	139	
SG1	SGI GI Start	25 50 00 S	25 37 48 E	25 50.000 S	25 37.800 E	1282	S	Start Point	SG1		9.5	127	
SH1	SHI HI Start	25 50 00 S	25 40 06 E	25 50.000 S	25 40.100 E	1282	S	Start Point	SH1		13	121	
SC2	SC2 C2 Start	25 47 42 S	25 24 00 E	25 47.700 S	25 24.000 E	1282	S	Start Point	SC2		14	291	

ID	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	Description	ID	Date	Distance Km	Bearing	Comment
SD2	SD2 D2 Start	25 47 42 S	25 26 18 E	25 47.700 S	25 26.300 E	1282	S	Start Point	SD2		10	293	
SA2	SA2 A2 Start	25 47 42 S	25 28 36 E	25 47.700 S	25 28.600 E	1282	S	Start Point	SA2		6.4	297	
SB2	SB2 B2 Start	25 47 42 S	25 30 54 E	25 47.700 S	25 30.900 E	1282	S	Start Point	SB2		2.7	310	
SG2	SG2 G2 Start	25 47 42 S	25 33 12 E	25 47.700 S	25 33.200 E	1282	S	Start Point	SG2		1.7	68	
SH2	SH2 H2 Start	25 47 42 S	25 35 30 E	25 47.700 S	25 35.500 E	1282	S	Start Point	SH2		5.3	95	
SE2	SE2 E2 Start	25 47 42 S	25 37 48 E	25 47.700 S	25 37.800 E	1282	S	Start Point	SE2		9.1	100	
SF2	SF2 F2 Start	25 47 42 S	25 40 06 E	25 47.700 S	25 40.100 E	1282	S	Start Point	SF2		13	102	

**Codes\***

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- A : Airport
- F : Finish Point
- H : Home airport
- L : Landing point
- S : Start Point
- T : Turnpoint