

 <p>SOUTH AFRICAN CIVIL AVIATION AUTHORITY</p>	<p>REPUBLIC OF SOUTH AFRICA</p> <p>CIVIL AVIATION AUTHORITY</p> <p>Private Bag x 73 Halfway House 1685</p>	<p>AIRAC AIP SUPPLEMENT S028/10 08 APRIL 2010</p>
<p>Tel: (011) 545-1000 Fax: (011) 545-1465 E-Mail: mail@caa.co.za</p>		

JOHANNESBURG (FAJA) AND CAPE TOWN (FACA) FLIGHT INFORMATION REGIONS

TEMPORARY RESTRICTED AIRSPACE

EXERCISE SHIELD 6 – ALL SOCCER WORLD CUP 2010 VENUES

AIRAC Effective Date: 08 APRIL 2010

Validity Period: 23 APRIL 2010– 26 APRIL 2010

1. The State is obliged to ensure that additional airspace security measures are implemented for the hosting of the FIFA 2010 Soccer World Cup. As a result a simulated operation will be held requiring the following airspace and procedures to be published:
2. **Temporary Restricted Airspace Bloemfontein**
 - 2.1 The Temporary Restricted Airspace is encompassed by a circle, 50 NM Radius, centered on VOR BLV (S290602.38 E0261802.31) extending from GND to unlimited. This airspace excludes all Controlled Airspace and Lesotho sovereign airspace, and it includes all Restricted and Danger Areas (FAR29, FAD107 & FAD28) as promulgated.
 - 2.2 Normal published procedures to enter the airspaces listed in 2.1 above are to be complied with. In addition all flights with the exception of scheduled flights flying within 50NM radius centered on VOR BLV (S290602.38 E0261802.31) extending from GND to unlimited (inclusive of all airspace) are to apply to the SAAF for screening and authorisation at least 24 hours prior to commencing flight. This process is explained in paragraph 16 of this document.
 - 2.3 All flights operating within the lateral boundaries of Temporary Restricted Airspace Bloemfontein from GND to unlimited, inclusive of all promulgated airspace, must submit an ATS flight plan. The flight authorisation code (FAC) for each flight must be indicated on the flight plan in Field 18, e.g.
RMK/FAC
 - 2.4 Prior to entering the lateral boundaries of Temporary Restricted Airspace Bloemfontein from GND to unlimited, inclusive of all promulgated airspace, pilots are to contact Johannesburg Area Control or Bloemfontein Approach Control on the appropriate frequency to activate the flight plan, where after promulgated communication procedures are to be followed.
 - 2.5 All flights operating within the lateral boundaries of Temporary Restricted Airspace Bloemfontein from GND to unlimited, inclusive of all promulgated airspace, must be transponder equipped.
 - 2.6 Temporary Restricted Airspace Bloemfontein is valid from 2200 on 23 April 2010 until 2200 on 26 April 2010.
3. **Temporary Restricted Airspace Cape Town**
 - 3.1 The Temporary Restricted Airspace is a 50NM Radius centered on VOR CTV (S335810.32 E0183618.09) extending from GND/SFC to unlimited. The temporary restricted airspace excludes all controlled airspace and includes FAR36, FAR39, FAR42, FAR43, FAR45, FAR144, FAR149, FAD143 and FAD153.
 - 3.2 Normal published procedures to enter the airspaces listed in 3.1 above are to be complied with. In addition all flights, with the exception of scheduled flights, flying within 50NM radius centered on VOR CTV (S335810.32 E0183618.09) extending from unlimited (inclusive of all airspace) are to apply to the

SAAF for screening and authorisation at least 24 hours prior to commencing flight. This process is explained in paragraph 16 of this document.

- 3.3 All flights operating within the lateral boundaries of Temporary Restricted Airspace Cape Town from GND to unlimited, inclusive of all promulgated airspace, must submit an ATS flight plan. The flight authorisation code (FAC) for each flight must be indicated on the flight plan in Field 18, e.g.
RMK/FAC
- 3.4 Prior to entering the lateral boundaries of Temporary Restricted Airspace Cape Town from GND to unlimited, inclusive of all promulgated airspace, pilots are to contact Cape Town Area Control or Cape Town Approach Control on the appropriate frequency to activate the flight plan, where after promulgated communication procedures are to be followed.
- 3.5 All flights operating within the lateral boundaries of Temporary Restricted Airspace Cape Town from GND to unlimited, inclusive of all promulgated airspace, must be transponder equipped.
- 3.6 Temporary Restricted Airspace Cape Town is valid from 2200 on 23 April 2010 until 2200 on 26 April 2010

4. Temporary Restricted Airspace Durban

- 4.1 The Temporary Restricted Airspace is a 50NM Radius centered on VOR DNV (S295819.76 E0305704.29) extending from GND/SFC to unlimited. The temporary restricted airspace excludes all controlled airspace and includes FAR51, FAD57, FAD58 and FAD59.
- 4.2 Normal published procedures to enter the airspaces listed in 4.1 above are to be complied with. In addition all flights, with the exception of scheduled flights, flying within 50NM radius centered on VOR DNV (S295819.76 E0305704.29) extending from GND to unlimited (inclusive of all airspace) are to apply to the SAAF for screening and authorisation at least 24 hours prior to commencing flight. This process is explained in paragraph 16 of this document.
- 4.3 All flights operating within the lateral boundaries of Temporary Restricted Airspace Durban from GND to unlimited, inclusive of all promulgated airspace, must submit an ATS flight plan. The flight authorisation code (FAC) for each flight must be indicated on the flight plan in Field 18, eg RMK/FAC
- 4.4 Prior to entering the lateral boundaries of Temporary Restricted Airspace Durban from GND to unlimited, inclusive of all promulgated airspace, pilots are to contact Johannesburg Area Control or Durban Approach Control on the appropriate frequency to activate the flight plan, where after promulgated communication procedures are to be followed.
- 4.5 All flights operating within the lateral boundaries of Temporary Restricted Airspace Durban from GND to unlimited, inclusive of all promulgated airspace, must be transponder equipped.
- 4.6 Temporary Restricted Airspace Durban is valid from 2200 on 23 April 2010 until 2200 on 26 April 2010.

5. Temporary Restricted Airspace: Johannesburg

- 5.1 The Temporary Restricted Airspace is encompassed by a circle, 50 NM Radius, centered on VOR JSV (S260925.62 E0281351.69) extending from GND to unlimited. This airspace excludes all Controlled Airspace and Prohibited Areas (FAP 60, 64, 66, 67, 68 & 80), and includes all Restricted and Danger Areas (FAR 65, 82, 171 & 172; FAD 70, 127, 128, 129, 182, 183, 184, 185) as promulgated.
- 5.2 Normal published procedures to enter airspaces listed in 5.1 above are to be complied with. In addition all flights with the exception of scheduled flights flying within 50NM radius centered on JSV (S260925.62 E0281351.69) extending from GND to unlimited (inclusive of all airspace) are to apply to the SAAF for authority and for initiation of the vetting process. Application for vetting must be done at least 24 hours prior to departure. This process is explained in paragraph 16 of this document.
- 5.3 All flights operating within the lateral boundaries of Temporary Restricted Airspace "Johannesburg" from GND to unlimited, inclusive of all promulgated airspace, are to submit an ATS flight plan. The flight authorisation code (FAC) for each flight must be indicated on the flight plan in Field 18, eg
RMK/FAC
- 5.4 Prior to entering the lateral boundaries of Temporary Restricted Airspace Johannesburg from GND to unlimited, inclusive of all promulgated airspace, pilots are to contact Johannesburg Area Control or Johannesburg Approach Control on the appropriate frequency to activate the flight plan, where after promulgated communication procedures are to be followed.
- 5.5 All flights operating within the lateral boundaries of Temporary Restricted Airspace "Johannesburg" from GND to unlimited, inclusive of all promulgated airspace, must be transponder equipped.

- 5.6 *Temporary Restricted Airspace Johannesburg is valid 2200 on 23 April 2010 until 2200 on 26 April 2010.*

6. Temporary Restricted Airspace Nelspruit

- 6.1 *The Temporary Restricted Airspace is a 50 NM Radius centered on VOR NSV (S252953.66 E0305456.42) extending from GND to unlimited. The temporary restricted airspace excludes all controlled airspace and Swaziland sovereign airspace.*
- 6.2 *Normal published procedures to enter the airspaces listed in 6.1 above are to be complied with. In addition all flights with the exception of scheduled flights and state flights flying within 50NM radius centered on VOR NSV (S252953.66 E0305456.42) extending from GND to unlimited (inclusive of all airspace) are to apply to the SAAF for authority and for initiation of the screening process. Application for screening must be done at least 24 hours prior to departure. This process is explained in paragraph 16 of this document.*
- 6.3 *All flights operating within the lateral boundaries of Temporary Restricted Airspace Nelspruit from GND to unlimited, inclusive of all promulgated airspace, are to submit an ATS flight plan. The flight authorisation code (FAC) for each flight must be indicated on the flight plan in Field 18, eg
RMK/FAC*
- 6.4 *Prior to entering the lateral boundaries of Temporary Restricted Airspace Nelspruit from GND to unlimited, inclusive of all promulgated airspace, pilots are to contact Johannesburg Area Control or Lowveld Flight Information Service on the appropriate frequency to activate the flight plan, where after promulgated communication procedures are to be followed.*
- 6.5 *All flights operating within the lateral boundaries of Temporary Restricted Airspace Nelspruit from GND to unlimited, inclusive of all promulgated airspace, must be transponder equipped.*
- 6.6 *Temporary Restricted Airspace Nelspruit is valid from 2200 on 23 April 2010 until 2200 on 26 April 2010.*

7. Temporary Restricted Airspace Pilanesberg

- 7.1 *The Temporary Restricted Airspace is encompassed by a circle, 50 NM Radius, centered on VOR PNV (S252345.03 E0270721.74) extending from GND to unlimited. This airspace excludes all Controlled Airspace, the Temporary Restricted Airspace Johannesburg, and FAP64, but it includes FAR62, FAR172, FAD70 East, FAD70 West, FAD126, FAD127 and FAD129.*
- 7.2 *Normal published procedures to enter the airspaces listed in 7.1 above are to be complied with. In addition all flights with the exception of scheduled flights flying within 50NM radius centered on VOR PNV (S252345.03 E0270721.74) extending from GND to unlimited (inclusive of all airspace) are to apply to the SAAF for authority and for initiation of the vetting process. Application for vetting must be done at least 24 hours prior to departure. This process is explained in paragraph 16 of this document.*
- 7.3 *All flights operating within the lateral boundaries of Temporary Restricted Airspace Pilanesberg from GND to unlimited, inclusive of all promulgated airspace, are to submit an ATS flight plan. The flight authorisation code (FAC) for each flight must be indicated on the flight plan in Field 18, eg
RMK/FAC*
- 7.4 *Prior to entering the lateral boundaries of Temporary Restricted Airspace Pilanesberg from GND to unlimited, inclusive of all promulgated airspace, pilots are to contact Johannesburg Area Control or Johannesburg Approach Control on the appropriate frequency to activate the flight plan, where after promulgated communication procedures are to be followed.*
- 7.5 *All flights operating within the lateral boundaries of Temporary Restricted Airspace Pilanesberg from GND to unlimited, inclusive of all promulgated airspace, must be transponder equipped.*
- 7.6 *Temporary Restricted Airspace Pilanesberg is valid from 2200 on 23 April 2010 until 2200 on 26 April 2010*

8. Temporary Restricted Airspace Polokwane

- 8.1 *The Temporary Restricted Airspace is a 50NM Radius centered on VOR PPV (S235023.35 E0292738.04) extending from GND to unlimited. The temporary restricted airspace excludes all controlled airspace and includes FAR71, FAR76A, FAR76B and FAD 170.*
- 8.2 *Normal published procedures to enter the airspaces listed in 8.1 above are to be complied with. In addition all flights, with the exception of scheduled flights, flying within 50NM radius centered on VOR PPV (S235023.35 E0292738.04) extending from GND to unlimited (inclusive of all airspace) must apply to*

the SAAF for screening and authorisation at least 24 hours prior to commencing flight. This process is explained in paragraph 16 of this document.

- 8.3 All flights operating within the lateral boundaries of Temporary Restricted Airspace Polokwane from GND to unlimited, inclusive of all promulgated airspace, are to submit an ATS flight plan. The flight authorisation code (FAC) for each flight must be indicated on the flight plan in Field 18, eg RMK/FAC
- 8.4 Prior to entering the lateral boundaries of Temporary Restricted Airspace Polokwane from GND to unlimited, inclusive of all promulgated airspace, pilots are to contact Johannesburg Area Control or Lowveld Flight Information Service on the appropriate frequency to activate the flight plan, where after promulgated communication procedures are to be followed.
- 8.5 All flights operating within the lateral boundaries of Temporary Restricted Airspace Polokwane from GND to unlimited, inclusive of all promulgated airspace, must be transponder equipped.
- 8.6 Temporary Restricted Airspace Polokwane is valid from 2200 on 23 April 2010 until 2200 on 26 April 2010

9. Temporary Restricted Airspace Port Elizabeth

- 9.1 The Temporary Restricted Airspace is a 50 NM Radius centered on VOR PEV (S335933.02 E0253620.65) extending from GND/SFC to unlimited. The temporary restricted airspace excludes all controlled airspace and includes FAD193 and FAR 88.
- 9.2 Normal published procedures to enter the airspaces listed in 9.1 above are to be complied with. In addition all flights, with the exception of scheduled flights, flying within 50NM radius centered on VOR PEV (S335933.02 E0253620.65) extending from GND/SFC to unlimited (inclusive of all airspace) are to apply to the SAAF for screening and authorisation at least 24 hours prior to commencing flight. This process is explained in paragraph 16 of this document.
- 9.3 All flights operating within the lateral boundaries of Temporary Restricted Airspace Port Elizabeth from GND to unlimited, inclusive of all promulgated airspace, are to submit an ATS flight plan. The flight authorisation code (FAC) for each flight must be indicated on the flight plan in Field 18, eg RMK/FAC
- 9.4 Prior to entering the lateral boundaries of Temporary Restricted Airspace Port Elizabeth from GND to unlimited, inclusive of all promulgated airspace, pilots are to contact Cape Town Area Control or Port Elizabeth Approach Control on the appropriate frequency to activate the flight plan, where after promulgated communication procedures are to be followed.
- 9.5 All flights operating within the lateral boundaries of Temporary Restricted Airspace Port Elizabeth from GND to unlimited, inclusive of all promulgated airspace, must be transponder equipped.
- 9.6 Temporary Restricted Airspace Port Elizabeth is valid from 2200 on 23 April 2010 until 2200 on 26 April 2010.

10. Temporary Restricted Airspace: Johannesburg Stadiums

- 10.1 From a point S260844.43 E0280149.15 clockwise along the arc of a circle radius 3.5NM centred at S261405.35 E0275857.49 to a point at S261457.59 E0280528.36. Thence along a straight line to a point at S261712.52 E0280045.95. Thence along the arc of a circle radius 3.5NM centred at S261151.02 E0280338.71 to a point at S261058.69 E0275708.03. Thence along a straight line to the starting point at S260844.43 E0280149.15. This temporary restricted airspace excludes the FAGM ATZ and extends from GND to 7600FT ALT.
- 10.2 Clearance to enter this Temporary Restricted Airspace can be obtained on frequency 132.25 MHz, Call-Sign Johannesburg Stadiums.
- 10.3 Temporary Restricted Airspace Johannesburg Stadiums are valid between 1200 and 1700 on 23 April 2010 and between 1630 and 2130 on 25 and 26 April 2010.

11. Temporary Restricted Airspace: Loftus Versfeld Stadium

- 11.1 A circle radius 5NM centered at S254510.85 E0281322.65 (Loftus Versfeld Stadium) excluding the Wonderboom CTR, extending from GND to 7600FT ALT.
- 11.2 Clearance to enter this Temporary Restricted Airspace can be obtained on frequency 132.25 MHz, Call-Sign Loftus Versfeld Stadium.

- 11.3 *Temporary Restricted Airspace Loftus Versfeld Stadium is valid between 1630 and 2130 on 24 April 2010.*

12. Temporary Restricted Airspace Royal Bafokeng Stadium

- 12.1 *A circle radius 5NM centred at S253443.17 E0270938.59 (Royal Bafokeng Stadium) extending from GND to FL125.*
- 12.2 *Clearance to enter this Temporary Restricted Airspace can be obtained on frequency 132.25 MHz, Call-Sign Royal Bafokeng Stadium.*
- 12.3 *Temporary Restricted Airspace Royal Bafokeng Stadium is valid between 0930 and 1430 on 24 April 2010.*

13. Temporary Restricted Airspace Nelspruit Special Rules

- 13.1 *The Nelspruit Special Rules Area as promulgated is declared to be Temporary Restricted Airspace known as Nelspruit Special Rules.*
- a) *Lateral Limits: From the FAKN CTR boundary intersection with the N4 highway eastwards along the N4 highway to Nelspruit. Thence southwards along the R40 road to Barberton to where it intersects the FAKN CTR, thence along the CTR boundary back to the starting point.*
- b) *Vertical limits: GND / 4500FT ALT on FAKN QNH.*
- 13.2 *Clearance to enter this Temporary Restricted Airspace must be obtained on frequency 125.2 MHz, Call-Sign Nelspruit Special Rules.*
- 13.3 *Temporary Restricted Airspace Nelspruit Special Rules is valid between 1200 and 1700 on 25 April 2010. Outside of these times, normal procedures for the Nelspruit Special Rules Area apply as is published for this airspace.*

14. Temporary Restricted Airspace Greenpoint Stadium

- 14.1 *A circle radius 5NM centred at S335418.95 E0182431.03 (Greenpoint Stadium) extending from GND to 2500FT AMSL (lower limit of the Cape Town TMA A).*
- 14.2 *Clearance to enter this Temporary Restricted Airspace can be obtained on frequency 132.25 MHz, Call-Sign Greenpoint Stadium.*
- 14.3 *Temporary Restricted Airspace Greenpoint Stadium is valid between 1630 and 2130 on 23 April 2010 and between 0930 and 1430 on 26 April 2010.*

15. Temporary Restricted Airspace Bloemfontein Stadium

- 15.1 *A circle radius 5NM centred at S290702.25 E261231.85 (Free State Stadium) excluding the Bloemfontein CTR, extending from GND to 6500FT ALT.*
- 15.2 *Clearance to enter this Temporary Restricted Airspace can be obtained on frequency 132.25 MHz, Call-Sign Bloemfontein Stadium.*
- 15.3 *Temporary Restricted Airspace Bloemfontein Stadium is valid between 0930 and 1430 on 25 April 2010.*

16. Screening and Authorisation Process

- 16.1 *Pilot and aircrew screening for all flights mentioned in par 2.2 above must be conducted at least 24 hours prior to the flight. Once screened the member will be issued with a unique Security Screening Code (SSC). This code, valid for a period of 6 months, must be presented whenever the pilot applies for flight authorisation within the restricted airspace. The SSC does not get displayed on the flight plan. The following information must be provided to the SAAF in order to obtain a SSC:*
- *ID Number (passport number also acceptable).*
 - *Full Names and Surname.*
 - *Pilot License Number.*
 - *Contact details, including at least one telephone number and/or an e-mail address.*
- 16.2 *Once a pilot has received a SSC, applications can be submitted for flight authorisation. Each flight requires a unique flight authorisation code (FAC) and these must be obtained from the SAAF prior to filing a flight plan. The following information must be provided to the SAAF in order to obtain a FAC:*

- Pilot SSC.
- Pilot ID Number (passport number also acceptable).
- Pilot Full Names and Surname.
- Pilot License Number.
- Pilot Contact details, including at least one telephone number and/or an e-mail address.
- Aircraft registration and type.
- Date and estimated time of flight.
- Aerodrome of Departure.
- Aerodrome of Destination.
- Intended duration of flight and intended route.
- Aircraft owner and aircraft owner contact details.
- Crew SSCs and ID Numbers.

16.3 Applications for screening and flight authorisation can be submitted to the SAAF via telephone, e-mail or fax

Tel: 012 312 2625

Fax: 012 312 2626

E-mail: pilotscreening@telkomsa.net
flightautho@telkomsa.net

(For SSC applications)

(For FAC applications)

17. **Warnings:**

17.1 Any aircraft entering this promulgated airspace without a valid SSC and FAC, or a valid clearance, or that is observed flying without a flight plan or deviating from the filed flight plan/negotiated route without prior clearance, may be subject to interception as per ICAO publication and may be subject to prosecution.

17.2 Any pilot failing to adhere to these procedures may be subject to prosecution.

18. **Enquiries:**

For further information, contact:

Col Elma de Villiers (Senior Staff Officer Air Traffic Management - SAAF)

Tel: 012 312 2883

Cell: 083 307 1075

E-mail: wtr@mweb.co.za

APPLICATION FOR SECURITY SCREENING CODE (SSC)

Please complete this form (in print) and fax it to the SAAF Flight Authorisation Cell at:
Fax: 012 312 2626

ID Number	<input type="text"/>	or	Passport Number	<input type="text"/>
Full Names	<input type="text"/>			
Surname	<input type="text"/>			
Pilot License Nr	<input type="text"/>	Tel Nr	<input type="text"/>	
Cell Nr	<input type="text"/>	Fax Nr	<input type="text"/>	
E-mail (if available)	<input type="text"/>			

NOTES:

1. The SSC is unique to the person who requested it and may not be shared between individuals.
2. The SSC is valid for a period of 6 months, commencing on the Date Approved.
3. Misuse and/or abuse of the SSC will be prosecuted.
4. The security screening process takes approximately 24 hours, but delays can be expected due to congestion. Pilots are to ensure that they apply timeously.
5. The SSC will not be distributed via any electronic means, nor via fax. Applicants are to phone the SAAF at least 24 hours after submitting the application in order to obtain the SSC.

For Official Use Only:

Date Submitted	<input type="text"/>	Date Approved	<input type="text"/>
Authorisation Officer	<input type="text"/>	SSC	<input type="text"/>
Remarks	<input type="text"/>		
	<input type="text"/>		
	<input type="text"/>		

APPLICATION FOR FLIGHT AUTHORISATION CODE (FAC)

Please complete this form (in print) and fax it to the SAAF Flight Authorisation Cell at:
Fax: 012 312 2626

SSC	<input type="text"/>	ID/Passport Number	<input type="text"/>	Pilot License Nr	<input type="text"/>
Full Names and Surname	<input type="text"/>				
Tel Nr	<input type="text"/>	E-mail (if available)	<input type="text"/>		
Date of Flight	<input type="text"/>	ETD	<input type="text"/>	EET	<input type="text"/>
AC Registration	<input type="text"/>	AC Type	<input type="text"/>	Callsign (if not same as registration)	<input type="text"/>
Dep Aerodrome	<input type="text"/>	Dest Aerodrome	<input type="text"/>	Route	<input type="text"/>
AC Owner Name/Company Name	<input type="text"/>				
Tel Nr	<input type="text"/>	E-mail (if available)	<input type="text"/>		

Crew Detail:

SSC	<input type="text"/>	ID/Passport Number	<input type="text"/>
SSC	<input type="text"/>	ID/Passport Number	<input type="text"/>
SSC	<input type="text"/>	ID/Passport Number	<input type="text"/>
SSC	<input type="text"/>	ID/Passport Number	<input type="text"/>

NOTES:

1. The FAC is valid **ONLY** for this specific flight.
2. Misuse and/or abuse of the FAC will be prosecuted.
3. The FAC must be indicated on the flight plan in Field 18, eg **RMK/FAC**
4. The FAC will not be distributed via any electronic means, nor via fax. Applicants are to phone the SAAF at least 1 hour prior to the flight to obtain the FAC.

For Official Use Only:

Date Submitted	<input type="text"/>	Date Approved	<input type="text"/>
Authorisation Officer	<input type="text"/>	FAC	<input type="text"/>
