



THE AEROCLUB OF SOUTH AFRICA



South African Power Flying Association

a section of

The Aero Club of South Africa

50 Hurricane Road, Rand Airport, Germiston, South Africa

Phone: +27 (011) 082 1100

E-mail: office@aeroclub.org.za

In association with

STELLENBOSCH FLYING CLUB

Stellenbosch Aerodrome,

PO Box 12653,

DIE BOORD 7613

TEL: (021) 880-1907 or (021) 880-0294 FAX: (021) 880-1264

PRELIMINARY BID

FOR THE ORGANISATION OF THE

22nd FAI WORLD RALLY FLYING CHAMPIONSHIP

Stellenbosch Airfield

Western Cape

South Africa



22nd FAI WRFC 2020

World Rally Flying Championship, FASH 2020

15-21 November 2020

Approved by FAI General Aviation Commission
during the meeting in Helsinki on 15th to 18th November 2018

a) Name and address of bidding National Aero Club (NAC).

The Aero Club of South Africa

50 Hurricane Road, Rand Airport, Germiston, South Africa

Phone: +27 (011) 082 1100

E-mail: office@aeroclub.org.za

b) Name and address of organization delegated by the NAC to organize the event (if any).

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c) Experience in organizing the relevant type of competition.

The South African Power Flying Association has hosted:

- 1991 - 7th World Rally Flying Championships– Stellenbosch Airfield
- 2003 - 13th World Rally Flying Championships– Pilanesberg Airfield
- 2011 - 20th World Precision Flying Championships – Brits Airfield
- 1937 to 2018 – President's Trophy Air Race – the oldest and most prestigious Air Race in the World
- Competition officials have competed in most of the World Rally and Precision Flying Championships since as far back as 1977 (Wels, Austria)
- In 2020, the Aero Club of South African and the South African Power Flying Association will be celebrating their 100th birthday. This competition will be an integral part of our celebrations.

d) Name, address and relevant experience of the competition director appointed by the organizer.

Mary de Klerk

Fairland

Johannesburg

South Africa

Email: mary@sapfa.co.za

Mobile 084 880 9000

Mary de Klerk has been competing in the World Precision and World Rally Flying Championships since 1995 and represented South Africa on no less than 17 occasions.

Mary has been competition director for many regional and National Rally and Precision Flying Events and has been a committee member of the South African Power Flying Association for over 10 years.

She will bring her considerable experience to give back to the sport she has enjoyed for so many years.

Deputy Competition Director

Captain Colin Jordaan
Pearl Valley Golf Estates
PAARL
South Africa
email: colinjordaan@me.com
mobile: +27 83 561 2380

Colin Jordaan competed in World Precision and World Rally Flying Championships from 1977 and represented South Africa on 7 occasions.

Colin was the Competition Director for the 7th World Rally Flying Championships in Stellenbosch in 1991 for which he became the first African to be awarded the FAI Sports Medal.

Colin has also been a Chief Judge, a Jury member and President of the Jury at various World Rally and Precision events.

He retired as a Senior Captain from South African Airways in Nov 2015 having accumulated more than 17,000 hours

e) The proposed date of the event.

22nd FAI WORLD RALLY FLYING CHAMPIONSHIP

9th to 14th Nov 2020		Unofficial practice
15th Nov	(SUN)	Final arrival, Opening Briefing and Opening Ceremony
16th Nov	(MON)	First competition flight
17th Nov	(TUE)	Second competition flight
18th Nov	(WED)	Third competition flight
19th Nov	(THU)	Fourth competition flight
20th Nov	(FRI)	Reserve day, Prize-giving and Closing Ceremony
21st Nov	(SAT)	Departures

f) The venue (name of city and airfield).

It is proposed to host the 22nd FAI World Rally Flying Championships 2020 at Stellenbosch Airfield in the beautiful Cape Winelands, just 55 km from Cape Town and 39 km from Cape Town International Airport.

The 7th World Rally Flying Championships was held at the Stellenbosch Airfield in 1991 and is still rated by many competitors as one of the best World Air Rally Championships ever held.

Local Time UTC+2

g) Airfield infrastructure that will be available for the competition (runway length and condition, elevation, equipment, buildings, facilities, ATC, other traffic, etc.).

Stellenbosch Airfield (FASH) has been the venue for many flying competitions including Precision, Rally Flying and Aerobatics. It is situated 8km from Stellenbosch Town

Coordinates: S33°58.83' / E18°49.37'

Elevation: 321 MSL

RWY :01/19 2492 ft (760 m) Asphalt

Freq: 119,300 MHz Stellenbosch

VAR: 25 deg W

Fuel: AvGas 100LL and Mogas

Stellenbosch Airfield (FASH) meets all the requirements for competition facilities

- Briefing Rooms
- Team managers post boxes for information distribution
- Restaurant - sells drinks, snacks and lunches which will be provided to the competitors on competition days
- Adequate toilet facilities
- Covered areas where pilots can wait
- 9 minutes from the Hotel

h) Weather history of the area at the relevant time of the year (air temperature, wind, thunderstorms, etc.).

Average values of 20 years in:	Oct	Nov	Dec
Average temperature:	16° C	18° C	21° C
Average daily minimum:	11°C	13°C	15°C
Average daily peak:	21°C	23°C	27°C
Amount of precipitation:	30 mm	12 mm	17 mm

While this area is usually dry, it is subject to frontal systems which cause high winds and rain. Our route planners will create mountain routes and flat land routes as a back-up plan.

i) Description of the landscape in the area to be used for navigation flights.

To the east of the airfield is the **Hottentots Holland** Mountains Range rising up to 6000ft, with magnificent scenery, and to the north are the Cape Flats and Winelands.

Low level routes will be planned if the cloud base is low.

To the west is the Cape Town International CTR which is a no-go area. Most of the routes will be in the Special Rules Area, under the TMA, so maximum heights are restricted.

j) Type and scale of competition map. (At least two samples of the map to be used in the competition must be appended to the bid.)

The initial master map has been published on the SAPFA website at:

<http://www.sapfa.co.za/index.php/wrfc2020>.

The map is a topographical map and will be updated to the latest version before the competition.

The competition maps will be 1: 200 000 and two A3 maps will be provided with each practice route and competition route. Additional copies will be made available without charge.

k) Condition and any restrictions of airspace.

To the west of the airfield is the Cape Town International CTR which is a no-go area. Most of the routes will be in the Special Rules Area, under the TMA, so maximum heights are restricted to 2000 ft AGL in the flat areas and 4000 AGL in the mountainous areas.

Every aircraft has to carry an ICAO Aeronautical Chart 1: 500 000 for emergency use. These will be arranged by the organisers.

l) Any special insurance requirements.

Each competing aircraft must be insured against 3rd Party Public Liability claims with a minimum amount

- | | |
|----------------------------------|-------------|
| a) MTOW up to 1000 kg | R 1 500 000 |
| b) MTOW above 1000 kg to 2700 kg | R 3 000 000 |

Most of the competitors will be using hired aircraft and this 3rd Party Public Liability will be included in the hire costs.

Competitors hiring aircraft from the organisers must arrange pilot excess insurance to the value of R 25 000.00.

m) Type of accommodation and distance between accommodation and airfield.

Special accommodation rates have been obtained from the Protea Hotel (Marriot Group) in Stellenbosch Techno Park which is situated 5 km (7 min) from Stellenbosch Airfield.

The Protea is a 4 star hotel (****) which has 440 beds in 180 rooms and is rated 5/5 on Trip Advisor.

n) An indication of the amount of entry fee and what the entry fee includes.

The Entry Fee includes the following expenses:

- Cost of accommodation for the time of the competition (6 nights);
- Three meals a day (6 breakfasts, 6 lunches and 6 dinners);
- Local transport between the airfield and the hotel during the time of the competition;
- Opening and closing ceremonies;
- Excursion;
- Three practice routes for each team;
- FAI Sanction Fee for competitors.

(Entry Fee does not include extras in hotels like telephone, fax, minibar, extra meals, drinks, etc.).

	Rand	Euro (indication only)
The Entry Fee per person in double rooms for each pilot, co-pilot (navigator).	R 16150.00 per person	€ 950.00
The Entry Fee for team manager, engineers, observers, extra judge observers, supporters or accompanying persons	R 11 900.00 per person	€ 700.00
Max 1 international judge per country in double room	R 8 075.00	€ 475.00
Extra international judge in double room	R 11 900.00	€ 700.00
For single room per person, additional	R 4 250.00	€ 250.00
Extra night before the competition including breakfast in double room	R 1 020.00 per person per night	€ 60.00
Extra night before the competition including breakfast in single room	R 1 700 per person per night	€ 100.00

In accordance with the Rules and Regulations (D 3.3) each country nominating three or more crews has to send a minimum of one qualified FAI International Judge.

o) APPENDIX B I, Competition Budget

<u>Profit and Loss statement - WRFC STELLENBOSCH November 2020.</u>	
	<u>R.c.</u>
Income	
-	R2 302 225.00
Entry Fee's	R2 302 225.00
Sponsorships	R0.00
Other Income	R0.00
Expenses-	R2 710 045.00
Hotel Accommodation	R964 560.00
Meals - Airfield (Competition Days)	R271 500.00
Dinner - At the Hotel	R257 925.00
Opening Ceremony	R151 450.00
Closing Ceremony	R298 260.00
Personell Cost (Jury , Judges and Officials)	R123 900.00
Competition Preperation - Route Planning	R222 450.00
FAI Sanction Fee for competitors.	R85 000.00
Vehicle Rental - Officials	R25 000.00
Transport for Competitors	R80 000.00
Excursion	R100 000.00
Sundry Expenses	R130 000.00
PROFIT / (LOSS)	<u><u>-R407 820.00</u></u>
Aircraft - Ferry Cost	R770 000.00

p) Any conditions concerning admission of participants to the country or location of the event.

No visa is required for most European citizens, provided your stay is less than 90 days, but please check with your travel agent as there may be specific requirements.

If you have children accompanying you, you will need their unabridged birth certificate and an affidavit from each parent authorising the trip.

Information can be obtained directly from the following website: <http://www.home-affairs.gov.za/index.php/immigration-services/types-of-visas>

q) Pilot Licence Validation requirements.

- Valid licence (PPL, CPL, ATPL) and medical certificate.
- The organising committee will arrange for temporary licence validations for the period of the competition and practice.
- Pilots wishing to fly either before or after this period may be required to write a South African Air Law Exam (PPL) and undergo a flight test.

r) Aircraft Hire costs.

The following type of aircraft will be available for rent: (Rental fees may be subject to change)

- Cessna 150/152 R 2 275 – wet
- Cessna 172 R 3 120 – wet

The rental of aircraft is anticipated to be handled by the organizer.

Price will include aircraft insurance.

Expected hourly rental prices are calculated including fuel and oil.

Aircraft hire must be settled at the end of the training week, and at the end of the competition week.

Credit card facilities will be available (Master Card / Visa)

The aircraft will be delivered to the competition airfield and shall be given back at the end of competition, with full tanks and oil at maximum.

Surcharges for ferry flights will apply

s) Fuel Costs. & t) Oil Costs.

	Price at Nov 2018 *		Expected Price Nov 2020	
MoGas 95	R17.51		R20.75	
AVGAS 100 LL	R23.90		R27.39	
Oil 100, 100W, 100 AD	R149.40	R174.30	R171.81	R200.86

* Based on an exchange rate of 1 EUR = 16.6 ZAR

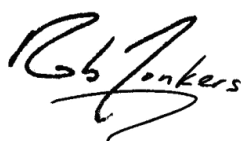
Note: Fuel and oil prices are for information only and may be subject to change due to inflation and future fiscal legislation within the Republic of South Africa.

u) Aircraft Ferry Costs.

Most of the aircraft will have to be ferried from Johannesburg

Total Ferry Cost R 770 000.00 = R 30 800/aircraft ~ Euro 1812.00 / aircraft

v) Signed by the President or the Secretary General of the National Aero Club who is a valid member of FAI.



Rob Jonkers
Chairman of SAPFA
Vice Chairman Aero Club