

# 14°east VIENNA-CAPETOWN-VIENNA

Long distance tourist flying contest  
14<sup>th</sup> July 2006 – 2<sup>nd</sup> September 2006

## The goal of this contest is:

- To connect people of different cultures and nations in friendship and peace.
- To discover culture and touristic highlights in foreign countries.
- To increase experience for pilots and navigators in flying and navigation.

## **PRELIMINARY:**

- P1) This contest is a noncommercial air sport event and will be conducted under the patronage of:  
The FAI (Federation Aeronautique Internationale)  
And the support of:
- The Greece Aeroclub
  - The Aeroclub of Kenya
  - The South African Aeroclub
  - The East African Aeroclubs of Tanzania, Malawi, Mozambique and Zimbabwe
  - The Egypt Aeroclub
  - The Austrian Aeroclub
- P2) The contest is open for single and multi engine aircrafts with a minimum true airspeed of 100 Kts. and a range of 800 NM. (At 8.000ft. with 65% power)
- P3) All flights of this contest are planned to be executed in the period from sunrise to sunset and under visual flight rules.
- P4) Each aircraft must have a minimum crew of 1 Pilot and 1 copilot. Pilot's experience must include IFR rating.
- P5) Maximum distance of one leg is 580 NM. The maximum distance per day is 1.040 NM.
- P5) The contest is divided into 6 parts:
- The Greece Cup : Startpoint - Iraklion/Crete
  - The Kenya Cup : Iraklion/Crete – Zanzibar/Tanzania
  - The South African Cup : Zanzibar/tanzania – Capetown-Sun City/South Africa
  - The East African Cup : Sun City/South Africa – Mombasa/Kenya
  - The Egypt Cup : Mombasa/Kenya – Kairo/Egypt
  - The Austria Cup : Kairo/Egypt – Finish point
  - 14° east Cup : Startpoint – Finish point
- P6) Start and finish point of this contest is Wiener Neustadt Ost/Austria (LOAN). Intermediate finish points are Iraklion/Crete (LIGR), Zanzibar/Tanzania (HTZA), Capetown/Southafrica (FASH), Mombasa/Kenya (HKMO), and Kairo/Egypt (HEAZ).
- P7) At each intermediate finish point, judgement and prizegiving of the previous part of the contest will be held.
- P8) A crew change is possible on each intermediate finish point.
- P9) Each aircraft have to carry at least one FAI-certified GPS-logger, with a logger memory of at least 5 hours. The pilot is responsible for the correct function.
- P10) Winner of the 14°east (overall) contest is the crew participating all parts of the contest without crew change and the lowest total penalties.
- P11) Prior to each part of the contest a briefing will be held. The briefing is mandantory for the pilot and the copilot.
- P12) At each briefing every pilot will get the following package for next part of the competition:
- Description of the route
  - Required maps
  - Copy of the flight plan
  - A copy with the contest requirements of the following part of the contest .

- P13) For each part and for complete competition the winner is the crew with the lowest penalties given at following tests:  
 (according FAI-rules: Navigation Flying Championship look on FAI website:  
[www.fai.org/general\\_aviation/documents/](http://www.fai.org/general_aviation/documents/))
- Fuel calculation tests
  - Landing tests
  - Time checks at known and unknown points
  - Observation tests
  - Navigation tests
  - Special tests (accurate takeoffs and landings, accurate flying at altitude and speed, .....
  - Other tests.
- P14) Time, navigation and special tests will be checked by GPS-loggers.
- P15) Each participant must have a passport (valid for at least 6 months past the end of competition), all required visas and appropriate insurances. Pilots response is the required insurance for the aircraft.

### CONDITIONS OF ENTRY:

- C1) Entry fee:
- |  | aircraft   | each crew/passenger<br>(in double bed room) | days |
|--|------------|---|------|
| a) 14°east, (whole competition)          | € 8.200,-- | € 8.500,--                                  | 50   |
| b) Startpoint – Iraklion/Crete           | € 984,--   | € 1.020,--                                  | 6    |
| c) Iraklion/Crete – Mombasa/Kenya        | € 1.960,-- | € 2.040,--                                  | 12   |
| d) Mombasa/Kenya – Capetown/South Africa | € 1.640,-- | € 1.700,--                                  | 10   |
| e) Capetown/South Africa – Nairobi/Kenya | € 1.470,-- | € 1.530,--                                  | 9    |
| f) Nairobi/Kenya – Kairo/Egypt           | € 1.312,-- | € 1.360,--                                  | 8    |
| g) Kairo/Egypt – Finish point            | € 820,--   | € 850,--                                    | 5    |
| h) each crew change                      |            | € 300,-                                     |      |
- C2) Entry fee includes:
- For aircrafts: Landing, parking, handling fees, all fees for entry and landing permissions, all approach, communication and navigation fees, competition material according P12, meteo information before departure. Expenses for two escort aircraft - one scout aircraft (first takeoff), and one (final takeoff) aircraft for assistance in case of maintenance troubles.
- For crew/passengers: Official transportation from airport to hotel and back.  
 All airport taxes, transportation and entries for excursions or safaris.  
 Accommodation with continental breakfast and dinner, including the accommodation before takeoff of the appropriate part of the competition.  
 Lunch and drinks are not included.  
 Pricegiving banquet for appropriate part of competition at intermediate final points.  
 Final banquet for participants of last route.  
 The accommodation in Vienna after final banquet for participants of the last route.
- C3) Entry fee do not include:
- For aircrafts: Fuel and lubricant. Insurance. Costs of maintenance. Costs for approach-landing-parking-communication-navigation on different routes/airports than prescribed. (Maintenance cost for the escort manhour is €50,--)  
 Maintenance material.  
 Costs for securing after landing/crashing anywhere. Other costs than written under C2.
- For crew/passengers: All drinks, lunches if not included for excursions, costs for telephone/fax/e-mails at accomodation or airports, any other costs not mentionend under C2.
- C4) Insurance:
- For aircrafts: A minimum insurance of € ..... against third party legal liability must exist for the period of championship.  
 It is strongly recommended to insure the aircraft against destruction, search and rescue, wreck removal and runway foaming, and to insure each crew and passenger seat for accident.
- For crew/passengers: It is strongly recommended to insure each participant for accident, risk of health, transport back home ...
- C5) Participating aircrafts: The Championship will be held with a minimum of 30 aircrafts up to a maximum of 50 aircrafts.



- JUDGING AND JURY:** The organizer and one judge are delegates of the FAI.
- J1) Organization: Event manager and representative of Austrian Aeroclub:  
**Hans GUTMANN** (FAI-delegate)  
 Bienensteingasse 11  
 A-3250 Wieselburg  
 Austria – Europe  
 Tel.Fax.: +43 7416 52518, mobil: +43 664 2850193  
 e-mail : [johann.gutmann@wibs.at](mailto:johann.gutmann@wibs.at)
- Greece-Cup representative:  
**(George BENECOS** FAI-delegate)?
- Kenya-Cup representative:  
**(Harro TREMPENEAU)**?
- Southafrica-Cup representative:  
**(Hans SCHWEBEL** FAI-delegate)?
- Eastafrica-Cup representative:  
 MOZAMBIQUE? - Sansibar
- Egypt-Cup representative:  
 Kairo and Khartoum?
- Austrian and 14° east cup representative:  
 Event manager, **Hans GUTMANN** (FAI-delegate)  
[johann.gutmann@wibs.at](mailto:johann.gutmann@wibs.at) ,  
 Tel.Fax.: +43 7416 52518, mobile: +43 664 2850193,  
 Bienensteingasse 11, A-3250 Wieselburg, Austria-Europe
- J2) Judges: There are two international FAI-delegates/judges escorting the whole competition.  
 The judges will computer score GPS-loggers.  
 Detailed scoring and penalties for time checks, navigation and observation are given according FAI-regulations for navigation flying Championships.  
 For FAI regulations, navigation flying championships look at FAI-website, [www.fai.org](http://www.fai.org)  
**Jan HANEKOM?** (Southafrica) FAI-judge and computer expert.  
**Jean BIRGEN?** (Luxemburg) FAI-delegate.
- Each Cup- representative will have additional helpers to score: fuel calculations, landings and other tests.  
 Complaints against results will be decided by the appropriate Cup representative.
- J3) Jury: If there is a protest against a result, the jury consisting of the FAI-judge, the FAI-delegate and the event manager have to decide.  
 Protest fee is € 100,--  
 Protest fee goes to FAI-GAC, in case the protest will not be stated.  
 The protest goes back to the protestant in case the protest will be stated.

**CHAMPIONSHIP SCHEDULE:** (underlined: stations of possible crew changes) – (fat lettered routes are championships)

Possible refuelling stops, mandatory refuelling stops

Leg#:	Date:	Route:	Destination:	single	overall-Distance NM
	14 <sup>th</sup> July	Registration – General Briefing	Vienna		
1	15 <sup>th</sup> July	Vienna - <b>Dubrovnik - Thessaloniki</b>	Thessaloniki	380-380	760
2	16 <sup>th</sup> July	<b>Thessaloniki - Thessaloniki</b>	Thessaloniki		~250
	17 <sup>th</sup> July	Excursion Thessaloniki	Thessaloniki		
3	18 <sup>th</sup> July	<b>Thessaloniki – Iraklion</b>	Iraklion		350
	19 <sup>th</sup> July	Excursion - Pricegiving Ceremony - Briefing	Iraklion		
					<b>1360</b>
4	20 <sup>th</sup> July	Iraklion – <b>Alexandria - Luxor</b>	Luxor	350-360	710
	21 <sup>st</sup> July	Excursion	Luxor		
5	22 <sup>nd</sup> July	Luxor – <b>Port Sudan - Djibouti</b>	Djibouti	460-580	1040
	23 <sup>rd</sup> July	Djibouti	Djibouti		
6	24 <sup>th</sup> July	Djibouti – <b>Moyale Lower - Nairobi</b>	Nairobi	550 – 320	870
	25 <sup>th</sup> July	Rest day	Nairobi		
	26 <sup>th</sup> July	Excursion	Nairobi		
7	27 <sup>th</sup> July	<b>Nairobi – Mwanza</b>	Mwanza		250
8	28 <sup>th</sup> July	<b>Mwanza - Kilimanjaro</b>	Kilimanjaro		250
9	29 <sup>th</sup> July	<b>Kilimanjaro-Sansibar</b>	Sansibar		250
	30 <sup>th</sup> July	free	Sansibar		
	31 <sup>st</sup> July	Excursion – Pricegiving Ceremony - Briefing	Sansibar		
					<b>3310</b>
10	1 <sup>st</sup> August	Sansibar – <b>Lilongwe/Malawi</b>	Lilongwe		560
11	2 <sup>nd</sup> August	Lilongwe – <b>Beira - Pielanesberg</b>	Sun City	370-550	920
	3 <sup>rd</sup> August	free	Sun City		
	4 <sup>th</sup> August	free	Sun City		
12	5 <sup>th</sup> August	<b>Pielanesberg – Prieska - Stellenbosch</b>	Capetown	350-350	700
	6 <sup>th</sup> August	Excursion Capetown	Capetown		
13	7 <sup>th</sup> August	<b>Stellenbosch - Stellenbosch</b>	Capetown		250
	8 <sup>th</sup> August	Excursion	Capetown		
	9 <sup>th</sup> August	Excursion	Capetown		
	10 <sup>th</sup> August	free - Pricegiving Ceremony - Briefing	Capetown		
					<b>2430</b>
14	11 <sup>th</sup> August	<b>Stellenbosch – Port Alfred - Durban</b>	Durban	410-320	730
	12 <sup>th</sup> August	Excursion	Durban		
15	13 <sup>th</sup> August	Durban – <b>Maputo - Beira</b>	Beira	330-350	680
	14 <sup>th</sup> August	Excursion	Beira		
16	15 <sup>th</sup> August	<b>Beira – Nambula - DarEsSalaam</b>	DarEsSalaam	390-480	870
	16 <sup>th</sup> August	Excursion	DarEsSalaam		
17	17 <sup>th</sup> August	<b>DaEsSalaam - Mombasa</b>	Mombasa		210
	18 <sup>th</sup> August	Excursion	Mombasa		
	19 <sup>th</sup> August	free – Pricegiving Ceremony - Briefing	Mombasa		
					<b>2490</b>
18	20 <sup>th</sup> August	Mombasa – <b>Moyale Lower - Addis Abbeba</b>	Addis Abbeba	450-350	800
19	21 <sup>st</sup> August	Addis Abbeba - <b>Khartoum</b>	Khartoum		570
20	22 <sup>nd</sup> August	<b>Khartoum - Abu Simbel</b>	Abu Simbel		470
	23 <sup>rd</sup> August	Excursion	Abu Simbel		
21	24 <sup>th</sup> August	<b>Abu Simbel – Hurghada</b>	Hurghada		110
	25 <sup>th</sup> August	free	Hurghada		
22	26 <sup>th</sup> August	<b>Hurghada – Kairo/Gizeh</b>	Kairo		230
	27 <sup>th</sup> August	free Pricegiving Ceremony - Briefing	Kairo		
					<b>2180</b>
23	28 <sup>th</sup> August	<b>Kairo – Iraklion</b>	Iraklion		450
24	29 <sup>th</sup> August	<b>Iraklion – Kerkira – Dubrovnik</b>	Dubrovnik		590
25	30 <sup>th</sup> August	<b>Dubrovnik – Vienna</b>	Vienna		380
	31 <sup>st</sup> August	Excursion	Vienna		
	1 <sup>st</sup> September	free – Final banquet - Pricegiving	Vienna		
					<b>1420</b>

2<sup>nd</sup> September Departure home**14°east: VIENNA-CAPETOWN-VIENNA**

Long distance tourist flying championship

14<sup>th</sup> July 2005 – 2<sup>nd</sup> September 2005**PRELIMINARY ENTRY FORM**PLEASE COMPLETE THIS FORM IN BLOCK CAPITALS – **one** FOR EACH PARTICIPATING CREW**CREW DETAILS:****Pilot:**..... Nationality:..... Date of birth:.....

Pilot licence Category:..... Ratings:..... Hours in command:.....

e-mail address:..... Phone#:..... Fax#:.....

Postal address:.....

**Copilot:**..... Nationality:..... Date of birth:.....

Pilot licence Category:..... Ratings:..... Hours in command:.....

e-mail address:..... Phone#:..... Fax#:.....

Postal address:.....

**Pax:** please indicate number of passengers: .....**AIRCRAFT DETAILS:**

REGISTRATION:..... MAKE AND MODELL:.....

PLACE AND YEAR OF MANUFACTURE/serial#:.....

COLOUR:..... Fuel: AVGAS 100LL Jet A 1

SPEED according manual 75%power at 10.000ft.:.....Kts. FUEL consumption: .....litres/hour

RANGE according manual 75%power at 10.000ft.: .....NM. max. FUEL on board: .....litres

SPEED requested during competition (minimum 100kts.): .....Kts. FUEL consumption:.....litres/hour

SAFE RANGE please indicate your safe range with 45 minutes fuel reserve, (min. 700NM.):.....NM at a speed of: .....Kts.

**TYPE OF PARTICIPATING:**

a)	<b>14°east, (overall competition)</b>	50 days	yes	no
b)	<b>Startpoint – Iraklion/Crete</b>	6 days	yes	no
c)	<b>Iraklion/Crete – Sansibar/Tanzania</b>	12 days	yes	no
d)	<b>Sansibar – Capetown/South Africa</b>	10 days	yes	no
e)	<b>Capetown – Mombasa/Kenya</b>	9 days	yes	no
f)	<b>Mombasa – Kairo/Egypt</b>	8 days	yes	no
g)	<b>Kairo – Finish point</b>	5 days	yes	no

Date:..... Signatur:.....

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