



# GIRL FLY PROGRAMME IN AFRICA

## AVIATION & SPACE ANNUAL CAMP

### AVIATION & LIFE SKILLS PROGRAMME

**6 - 11 October 2014**

**REPORT**



"We know when girls have equal access to quality education in both primary and secondary schools, cycles of poverty are broken, economies grow, glass ceilings crack, and potential is unleashed."

HILLARY RODHAM CLINTON: FORMER US SECRETARY OF STATE AT THE CLINTON GLOBAL INITIATIVE 2014 AGM. SHE ANNOUNCED A NEW INITIATIVE, THE COLLABORATIVE FOR HARNESSING AMBITION AND RESOURCES FOR GIRLS' EDUCATION (CHARGE), THAT BRINGS TOGETHER 30 CROSS-SECTOR PARTNERS TO ADVANCE EDUCATION ACCESS FOR 14 MILLION GIRLS AROUND THE WORLD.



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THE PLANNING TEAM  
THE MENTORS:  
CAPTAIN MARGIE VILJOEN  
ROSWITHA BECKER  
DR. KGOMOTSO MOGAPI  
ANNABEL VUNDLA  
SIBONGILE SAMBO  
DR. KEN BAUCOM  
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# ABOUT GIRL FLY PROGRAMME IN AFRICA ("GFPA")

IMAGE SOURCE: NASA



[www.sawia.org/girl-fly-programme-in-africa.html](http://www.sawia.org/girl-fly-programme-in-africa.html)

GIRL FLY PROGRAMME IN AFRICA ("GFPA") is an educational programme for high school students, particularly girls, with an interest in the aviation and aerospace industry, and any other maths, science and technology-related careers.

The annual programme conducts various exciting, stimulating, engaging and challenging educational initiatives aimed at:

- Creating an awareness of aviation and aerospace careers;
- Shaping and developing aspirant aviators and future leaders in the maths, science and technology sphere;
- Encouraging excellence among high school learners; and

- Cultivating a culture of community-building and volunteerism among the youth of South Africa.

Existing projects include:

- Aviation Camp.
- Adopt-a-Pilot Day.
- Soweto Aviation Day.
- KZN Aviation Day.
- Limpopo Aviation Day.
- Airshows: Rand and Virginia.

# PROJECT MANAGER REPORT

Following the success of the 2013 Aviation camp, the GFPA organising committee took a decision to extend the programme to 100 learners and 20 volunteers. We also decided to expand the programme to include a focus on subjects such as science, technology, engineering and maths, which enabled the camp programme to be more comprehensive, though more technically and operationally challenging, yet provided an holistic approach to the well-rounded development of the girl learner.

The main objectives of the camp were to:

- Create an environment where learners from diverse backgrounds, with a common interest in aviation and aerospace, could meet and engage.
- Provide a fun, yet educational programme, giving the learners an opportunity to learn more about aviation and aerospace opportunities.
- Encourage learners to pursue maths, science and technology-related careers.

## APPLICATION AND SELECTION PROCESS

### MARKETING

The camp was marketing through various online and broadcasting media platforms including:

- The GFPA camp website;
- The GFPA Facebook page and Twitter handle; and
- Radio and TV Interviews with various reputable stations.

Our SAWIA team members, GFPA planning committee members and associates also visited several schools and school events, and distributed flyers and application forms to learners interested in attending the camp.

### APPLICATION

On the 1st July 2014, application forms were made available to download online through the GFPA camp website and SAWIA's Facebook page, while other forms were physically distributed to numerous schools. The initial closing date, the 31st July 2014 was extended to the 15th August 2014, following a Morning Live interview and request from various stakeholders and sponsors.

We received close to 400 application forms, approximately 200 of which were fully completed and included academic results. The complete application forms were then assessed and evaluated based on the following criteria:

- First screening process: academic performance in maths, science and the English language.
- Second screening process: motivation and community involvement.

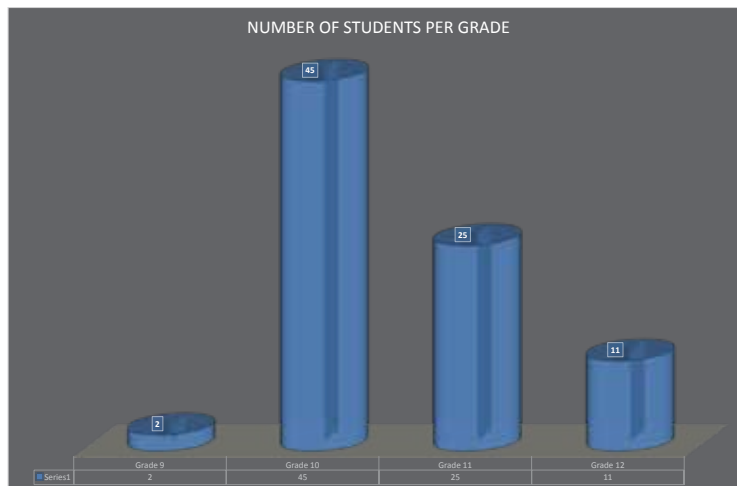
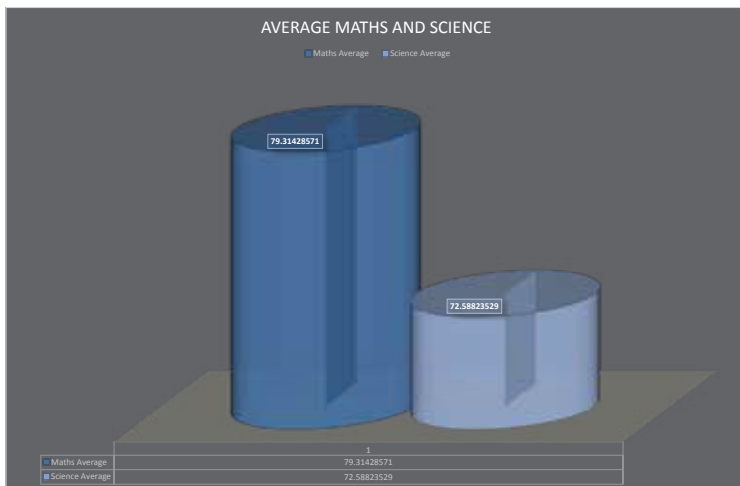
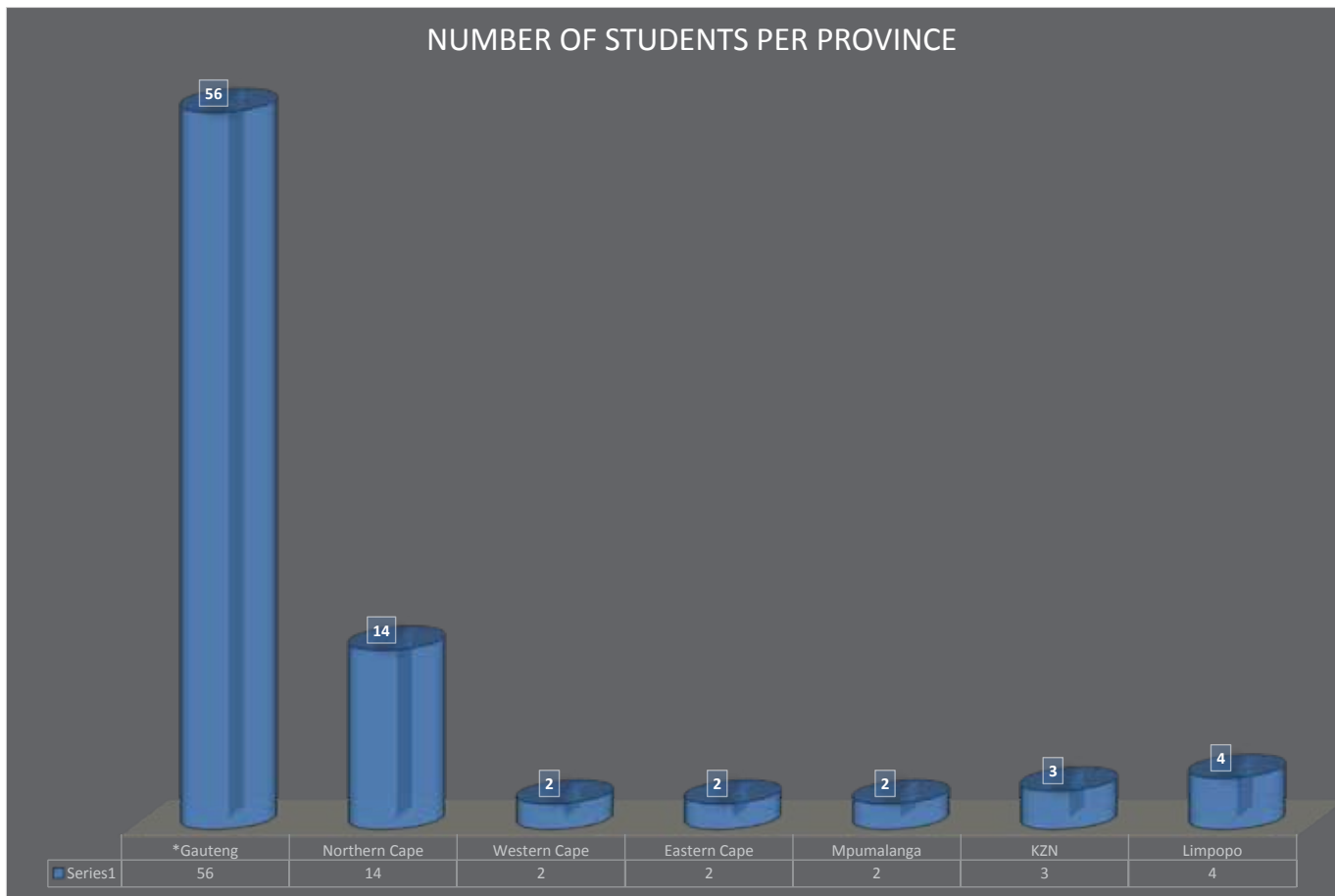
### EVALUATION AND SELECTION

The evaluated forms were of such high standard and quality that the majority of our selections, save for the SITA Techno Girls students, was purely based on academic results. The 43 learners from SITA were selected based on SITA's internal selection process. 85 students (including SITA) from 7 of the 9 provinces were selected. The majority were from Gauteng, followed by the Northern Cape, which produced 9 of the top learners in terms of maths and science academic performance.



# 2014 AVIATION & SPACE CAMP PROJECT MANAGER REPORT

The average Maths and Science marks of the selected learners (excluding SITA) 79 and 73 respectively.





# PROJECT MANAGER REPORT

## VOLUNTEER SELECTION PROCESS

Our aim with the volunteer selection process was to achieve a balanced mix of professionals already working in the aviation and space sector, and other STEM careers, as well as, individuals who had some Human Resources and Youth Development experience. 9 volunteers with diverse backgrounds which included pilots, technicians, actuarial scientists, engineers, and human resources specialists were selected.

## TRAVEL LOGISTICS

Learners and volunteers travelling from outside of Gauteng had to be accommodated, and we thank the following companies for their generous donation of flight and bus tickets: SA Express sponsored flights for 8 learners from Kimberley; Mango Airlines sponsored flights for 3 learners flying from Durban, and 2 learners and a volunteer from Cape Town, and a learner and a volunteer from Port Elizabeth; Autopax (Translux) provided a bus ticket for 6 learners from Upington and 4 from Limpopo; and private transport was arranged for the 2 learners from Mpumalanga.

## THE PROGRAMME

The exhilarating, fun, yet challenging 5-day camp programme, was held at the Konka Adventure Camp in Magaliesburg from the 6th to the 11th October 2014. The GFPA planning team together with 9 volunteers, 2 SITA volunteers, 3 Aero Club South Africa T&D volunteers and 4 Konka camp counsellors managed the various activities over the 5 days.

The camp programme was as follows:

DAY	ACTIVITY	DESCRIPTION
DAY 1 Monday, 6 October	Arrival and Registration	<ul style="list-style-type: none"> <li>Students were allocated into 10 different groups, and assigned a camp guide and leader. Group names included: Venus, Neptune, Jupiter, Mercury, Saturn, Atlantis, Apollo, Endeavour, Discovery and Enterprise.</li> <li>The group allocations was done prior to the arrival at camp, which eliminated administration glitches. This also contributed to better co-ordination and communication with learners, where SAWIA team leaders communicated with learners allocated to their respective teams.</li> <li>Learners received "learner packs" which included track suites and t-shirts, bags and stationery from various sponsors.</li> </ul>
	Bon Fire and Games	<ul style="list-style-type: none"> <li>The Konka Camp facilitors ran a full "ice-breaker" session for the learners which included various creative games, music and dance, and a special drumming session.</li> <li>The learners were briefed on the team tasks for the week, the house rules were explained, and the tone for the camp was set by outlining the objectives of the camp, our expectations of the learners and what they could expect to gain from the camp experience.</li> </ul>
DAY 2 Tuesday, 7 October	An introduction to Aviation and Space	<ul style="list-style-type: none"> <li>Presentation on careers in aviation and space.</li> <li>Q&amp;A session.</li> </ul>
		<ul style="list-style-type: none"> <li>A motivational talk by Roswitha Becker from Global Load Control on her journey through aviation and how she rose through the ranks to become General Manager today, at one of the leading aviation companies in South Africa.</li> <li>A motivational talk by Sibongile Sambo, an entrepreneur, pilot and CEO of SRS Aviation about choosing a career in the business and management of aviation companies.</li> <li>Busisiwe Binam from the Department of Transport addressed the learners and provided guidance and information on various careers in the transport sector.</li> <li>A motivational talk by Annabel Vundla, First Officer at South African Airways, and led a panel discussion on careers in the Airforce and life as an Airline Pilot.</li> </ul>
	Space Opportunities	<ul style="list-style-type: none"> <li>A motivational presentation by Dr Scott Firsing and Dr Baucom from the Aerospace Leadership Academy on learning opportunities available at the Academy.</li> </ul>
	Outdoor Team-building	<ul style="list-style-type: none"> <li>The learners participated in various fun, team-building excercises for the rest of the afternoon - activities included wall climbing, zip-lining, kayaking and obstacle courses.</li> </ul>

## PROJECT MANAGER REPORT

DAY	ACTIVITY	DESCRIPTION
DAY 3 Wednesday, 8 October	Health and Wellness Workshop	<ul style="list-style-type: none"> <li>The team from A'Dare Women Wellness Centre was led by Dr. Kgomotso Mogapi, the Founder, and Boitumelo Sefolo, a clinical psychologist, who ran an interactive, fun and engaging workshop on health and wellness.</li> <li>The learners had an opportunity to write and submit "burning questions" anonymously to Dr. Mogapi through a "Questions for the Doctor" box which were given to learners the day before the workshop.</li> </ul>
	Image Workshop	<ul style="list-style-type: none"> <li>Angela Deh, an Image Consultant, presented a fascinating view on image, and also provided a platform for the learners to interact and ask her questions.</li> </ul>
	Model Aircraft-building and Flying	<ul style="list-style-type: none"> <li>The rest of the afternoon was spent building and flying model aircrafts. Learners who flew the model aircrafts best were noted and presented with a prize of their own model aircraft at the awards dinner held on the last day of camp.</li> </ul>
DAY 4 Thursday, 9 October	Visit to O.R. Tambo International Airport (ORTIA)	<ul style="list-style-type: none"> <li>The learners visited ACSA, Comair and SAA Technical at ORTIA:               <ul style="list-style-type: none"> <li>ACSA ran a full morning programme that included visits to the airport terminals, security checkpoints, baggage control rooms and AMC.</li> <li>Comair's Chief Pilot, Captain Rudi Mes, gave a guided tour of Comair's facilities, and learners had the opportunity to experience flying simulators.</li> <li>SAA Technical gave a guided tour, and the learners had an opportunity to view and experience what its like work on an aircraft.</li> </ul> </li> </ul>
	Presentation of team tasks	<ul style="list-style-type: none"> <li>An educational and informative session was held for learners to present their research conducted on the various group names (planets and space shuttles). The learners were provided with internet access, and had to conduct their own research. They creatively re-enacted scenes involving various aircraft stories and presented their research findings.</li> </ul>
DAY 5 Friday, 10 October	Visit to the South African National Space Agency (SANSA)	<ul style="list-style-type: none"> <li>The learners visited SANSA for a full day programme as part of 2014 World Space Week. They were welcomed and addressed by Dr Sandile Malinga, the CEO of SANSA, and taken on a guided tour by Gladys Magagula, the Mission Control Manager. The morning session was attended by Zanele kaMagwaza-Msibi, the Deputy Minister Science and Technology. Some learners were very excited to be interviewed by the SABC 2 News team.</li> </ul>
	Awards Dinner	<ul style="list-style-type: none"> <li>The 2014 GFPA Aviation and Space camp programme concluded in an awards ceremony and farewell banquet dinner, where the students were recognised for their hard work and efforts during the camp. All the learners received a Certificates of Attendance.</li> <li>The following awards were presented at the prize-giving ceremony:               <ul style="list-style-type: none"> <li><b>BEST GROUP</b> - awarded for best team task execution and team spirit throughout the camp.</li> <li><b>SUNSHINE OF THE CAMP</b> - awarded to the one learner who was enthusiastic, positive and engaged everyone at camp.</li> <li><b>UPCOMING AVIATORS</b> - awarded to 6 learners who built and flew the model aircrafts best - each received a model aircraft as a prize.</li> <li><b>VOLUNTEER OF THE WEEK</b> - the most helpful learner was also recognised.</li> </ul> </li> </ul>
DAY 6 Saturday, 11 October	Departure from KonkaCamp	





A SOUL ADVENTURE  
www.konka.co.za



## KONKA | SOUL ADVENTURES

Looking for the ultimate adventure in team building, sports, special events, social responsibility projects, weddings, conferencing or school camps. Konka can do it all, because for us, no request is to big.

With over 600 schools internationally and numerous big corporate groups and weddings, it's definitely no secret that Konka is the best, leading the way with our personalized programs, international standard facilitators and staff, state-of-the-art facilities and ample accommodation options.

Konka offers the widest range of activities that always start with our famous ice breakers, guaranteed to get even the most gloomy, in on the fun! Let our highly qualified Konka facilitators blow your mind with our exhilarating team building and group activities. Some of our exciting activities include zip sliding, abseiling, wall climbing, international obstacle courses, kayaking, raft building and a high rope course designed to get any heart beating faster.

Konka has ample accommodation options for all guests on site, as well as two beautiful and spacious honeymoon suites and a disabled room. Konka has a luxury Lodge, various chalets and more affordable bush camps and dormitories designed to suit any pocket.

At Konka we offer the following:

- o Corporate Events
- o Weddings
- o Conferencing
- o School Camps
- o Sporting Events
- o Performance Arts
- o Environmental Education & Awareness
- o Leadership Development & Identification
- o Teamwork Exercises
- o Life Skills
- o Sport Camps
- o Sporting Tournaments
- o Hosting of Big Events & Matches
- o Fun Adventure Excursions
- o Problem Solving Exercises
- o Education
- o Summer & Winter Camps
- o Social Responsibility Camps
- o Coaching Clinics
- o Adventure Cycling / Mountain Biking
- o Adventure Races
- o Cross-Country Running

### CONTACT KONKA

**Website:** [www.konka.co.za](http://www.konka.co.za)  
**Rustenburg Office:**  
**Phone:** 014 597 5955/6/7/8  
**Email:** [office@konka.co.za](mailto:office@konka.co.za)  
**Fax:** 086 524 4640

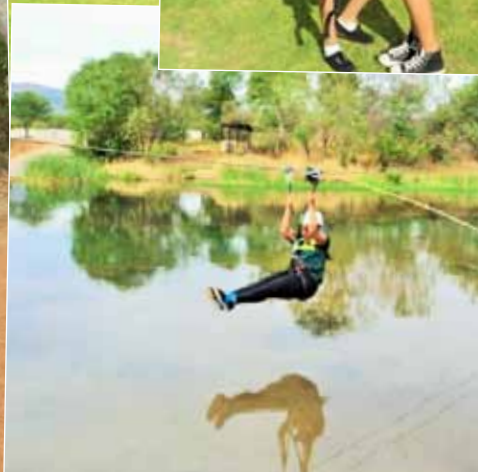
















WHAT WHO  
WHEN WHERE  
HOW WHY  
QUESTIONS ANSWERS









IMAGE SOURCE: "Ekurhuleni Aerotropolis" by PretoriusTobias - Own work, licensed under Creative Commons Attribution-Share Alike 3.0 via Wikimedia Commons - [https://commons.wikimedia.org/wiki/File:Ekurhuleni\\_Aerotropolis.jpg#mediaviewer/File:Ekurhuleni\\_Aerotropolis.jpg](https://commons.wikimedia.org/wiki/File:Ekurhuleni_Aerotropolis.jpg#mediaviewer/File:Ekurhuleni_Aerotropolis.jpg)



O. R. TAMBO INTERNATIONAL AIRPORT is a major airport in Kempton Park, Ekurhuleni, Gauteng, South Africa, near the city of Johannesburg. It serves as the primary airport for domestic and international travel to/from South Africa and is Africa's busiest airport with a capacity to handle up to 28 million passengers annually serving all continents except Antarctica ("the only other airports on earth doing likewise are DOH, AUH and DXB"). The airport is the hub of South Africa's largest international and domestic carrier, South African Airways ("SAA"), and a number of smaller local airlines. The airport handled a total of 18 million passengers in 2014.

It was formerly officially known as Johannesburg International Airport and before that as Jan Smuts International Airport ("hence the airport's former ICAO code, "FAJS") after South Africa's internationally renowned statesman by that name. The first renaming was done in 1994 when the newly reformed South African government implemented a national policy of not naming airports after politicians. The policy was however reversed later, and the airport renamed again on 27 October 2006 after Oliver Tambo, a former President of the African National Congress.

## HISTORY

The airport was founded in 1952 as "Jan Smuts Airport", two years after his death, near the town of Kempton Park on the East Rand. It displaced the "Palmietfontein International Airport", which had handled European flights since 1945.

It was used as a test airport for the Concorde during the 1970s, to determine how the aircraft would perform while taking off and landing at high altitude. During the 1980s, many countries stopped trading with South Africa because of the United Nation sanctions imposed against South Africa in the struggle against apartheid, and many international airlines had to stop flying to the airport. These sanctions also resulted in South African Airways being refused rights to fly over most African countries, and in addition to this the risk of flying over some African countries was emphasised by the shooting down of two passenger aircraft over Rhodesia ("Air Rhodesia Flight 825 and 827"), forcing them to fly around the "bulge" of Africa. This required specially-modified aircraft like the Boeing 747-SP. Following the ending of apartheid, the airport's name, and that of other international airports in South Africa, were changed and these restrictions were lifted.

ARTICLE SOURCE: [http://en.wikipedia.org/wiki/O.\\_R.\\_Tambo\\_International\\_Airport](http://en.wikipedia.org/wiki/O._R._Tambo_International_Airport)

















benefits of the peaceful uses of space sciences and technology for sustainable development, to invite the General Assembly to declare, according to its procedures, "World Space Week" between 4 and 10 October for the yearly celebration at the international level of the contribution that space science and technology can make to the betterment of the human condition.

A global theme is selected by the Space Week International Association Board of Directors in conjunction with the UN Office of Outer Space Affairs. Although conformity to the theme is not compulsory, it is encouraged to demonstrate global cooperation in space. SAASTA's involvement in Space Science Education, Outreach and Awareness dates back to 2003 when World Space Week was implemented in South Africa for the first time.

**THEME**

Each year a different theme is chosen and activities are offered around this theme to the target audiences. World Space Week ("WSW 2014") will be celebrated under the theme "Space: Guiding Your Way". SAASTA intends to use this theme to attract public participation in space science related activities.

WSW is viewed as a public awareness project aimed at the following:

- Profiling South African institutions and their achievements ("milestones") in the peaceful uses of outer space and space technologies;
- Capacity building, training and education ("including careers");
- Applications and benefits derived from the peaceful use of outer space and technology; and
- Popularising space science to the broader South African society.

World Space Week, held from 4 to 10 October, was declared in 1999 by the United Nations General Assembly to celebrate each year at the international level, the contribution of space science and technology to the betterment of the human condition. This was in response to the recommendation of United Nations conference on the exploration and peaceful uses of outer space ("UNISPACE III") which states:

- 4 October 1957 was the date of the launch into outer space of the first human-made Earth satellite, Sputnik I, thus opening the way for space exploration; and
- 10 October 1967 was the date of the entry of the Treaty on Principles Governing the Activities of States in the Exploration and Peaceful Uses of Outer Space, including the Moon and Other Celestial Bodies.

In order to contribute to the achievement of the objectives of UNISPACE III, in particular that of increasing awareness among decision makers and civil society of the

ARTICLE SOURCE: [www.saasta.ac.za/index.php?option=com\\_content&view=article&id=326&Itemid=274](http://www.saasta.ac.za/index.php?option=com_content&view=article&id=326&Itemid=274)











# GIRL FLY PROGRAMME IN AFRICA

AVIATION & SPACE ANNUAL CAMP 6 - 11 October 2014



THIS CERTIFICATE OF ATTENDANCE IS PRESENTED TO:

*Boitumelo Molapo*

8 OCTOBER 2014  
DATE

*R. Ledwaba*  
SIGNED BY REFILWE LEDWABA  
SAWIA FOUNDER



SAWIA WEBSITE [www.sawia.org](http://www.sawia.org)  
GENERAL ENQUIRIES [info@sawia.org](mailto:info@sawia.org)  
FACEBOOK [www.facebook.com/SAWIA.org](http://www.facebook.com/SAWIA.org)  
TWITTER [www.twitter.com/SAWIA.org](http://www.twitter.com/SAWIA.org)  
YOUTUBE [www.youtube.com/user/SAWIAmediachannel](http://www.youtube.com/user/SAWIAmediachannel)  
INSTAGRAM [www.instagram.com/SAWIA\\_BLOG](http://www.instagram.com/SAWIA_BLOG)  
BLOG [www.sawia.orgpa.blogspot.com](http://www.sawia.orgpa.blogspot.com)

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IMAGE SOURCE: [http://600-deviantart.net/571/2014/003/9/d/binary\\_technology\\_and\\_business\\_by\\_prophotostock-d7116ym-l.jpg](http://600-deviantart.net/571/2014/003/9/d/binary_technology_and_business_by_prophotostock-d7116ym-l.jpg)





SITA was established in 1999 to consolidate and coordinate the State's information technology resources in order to achieve cost savings through scale, increase delivery capabilities and enhance interoperability. SITA is committed to leveraging Information Technology ("IT") as a strategic resource for government, managing the IT procurement and delivery process to ensure that the Government gets value for money, and using IT to support the delivery of e-Government services to all citizens. In short, SITA is the IT business for the largest employer and consumer of IT products and services in South Africa – the Government.

In support of Government plans to develop skills, create sustainable employment and alleviate the plight of unemployment amongst South African youth, SITA is implementing the following Youth Development Programmes: Internship, Learnership and Bursaries.

### **INTERNSHIP**

Is a programme that is aimed at giving relevant skills and work experience to unemployed graduates and tertiary students who require in-service training/experiential learning as part of the academic requirement, thus enhancing their chances of getting permanent employment. The programme aims to bridge the gap between theory and practice by providing interns with an opportunity to practically apply knowledge acquired on the job. Interns are placed in areas that are relevant to their field of study and work under supervision of a workplace mentor & coach for the full duration of the programme.

#### **WHO QUALIFIES?**

South African unemployed graduates between ages 18-35. Preference will be given to IT graduates.

#### **DURATION OF THE PROGRAMME**

12 months, unless stated otherwise by the institution of higher learning.

### **LEARNERSHIP**

Is a structured learning programme that incorporates both theoretical learning and practical work experience, leading to an

occupation directed NQF aligned qualification. The learnership is governed by an agreement between the learner, employer and service provider.

#### **WHO QUALIFIES?**

South African youth between ages 18-35. Learners must have completed matric.

#### **DURATION OF THE PROGRAMME**

12 months ("6 months theory & 6 months on the job training").

### **BURSARIES**

Is financial assistance provided by SITA to SA youth studying towards a qualification in Information Technology with an institution of Higher Learning within the country. Who qualifies: Disadvantaged South African youth already studying towards an IT qualification.

#### **WHO QUALIFIES?**

South African tertiary students already studying towards an IT qualification.

#### **HOW TO APPLY FOR THE ABOVE PROGRAMMES?**

Invitations for application for all programmes will be advertised on print media nationwide, closing dates for applications will be specified on the adverts.

#### **FOR ANY ENQUIRIES:**

Contact Thuli Mtshali at ("012") 482 2229 or Koos Kuhn ("012") 482 2407.





“Transport, the heartbeat of South Africa’s economic growth and social development!”



**transport**

Department:  
Transport  
**REPUBLIC OF SOUTH AFRICA**





THE DEPARTMENT OF TRANSPORT IS RESPONSIBLE FOR REGULATION OF TRANSPORTATION IN SOUTH AFRICA, THAT IS, PUBLIC TRANSPORT, RAIL TRANSPORTATION, CIVIL AVIATION, SHIPPING, FREIGHT AND MOTOR VEHICLES.

## THE VISION

“Transport, the heartbeat of South Africa’s economic growth and social development!”

## THE MISSION

Lead the development of integrated efficient transport systems by creating a framework of sustainable policies, regulations and implementable models to support government strategies for economic, social and international development.

## THE VALUES

The core values of the department are:

- Maintain fairness and equity in all our operations;
- Strive for quality and affordable transport for all;
- Stimulate innovation in the transport sector;
- Ensure transparency, accountability, accessibility; and
- Upholding of the Batho Pele principles.

## THE STRATEGIC OBJECTIVES

The objectives that we aim to achieve in providing a policy framework, regulation and implementation models are:

- Competitive transport costs;
- Safety and security improvements;
- Reduce infrastructure backlogs;
- Improve access; and
- Reduce time in transit.

The Department of Transport strives to lead the provision of an integrated, sustainable, reliable and safe transport system, by planning, developing, coordinating, promoting and implementing transport policies and strategies.

The National Development Plan proposes to address strategic focus areas in transport infrastructure, to achieve the ideals outlined for 2030. These areas involve:

- Prioritising transport solutions that are safe, affordable and effective options;
- Focusing on transport as an entire network as opposed to individual transportation modes;
- Finding ways to become less dependent on transportation by improving spatial planning in cities so that people can live closer to areas of employment; and
- Convincing South Africans to increase the use of public transport, thereby lowering carbon-intensive transportation mode usage, which will reduce the environmental, social and economic costs associated with transport.

## ROLE PLAYERS

There are 12 public entities that report to the Minister of Transport, namely:

- Airports Company South Africa ("Acsa");
- Air Traffic and Navigation Services;
- Cross-Border Road Transport Agency;
- Passenger Rail Agency of South Africa;
- Ports Regulator, the Railway Safety Regulator;
- Road Accident Fund;
- Road Traffic Infringement Agency;
- Road Traffic Management Corporation;
- South African Civil Aviation Authority;
- South African Maritime Safety Authority ("Samsa"); and
- South African National Roads Agency Ltd.

Commercial role players include: South African Airways ("SAA") and SA Express ("SAX").

For more information, visit the website:

[www.transport.gov.za](http://www.transport.gov.za)



# SA EXPRESS



## About SA Express

SA Express is a regional airline offering seamless connectivity between primary and secondary domestic and regional destinations in Southern Africa. The airline's objective is to provide transportation of passengers, cargo and other related aviation services as well as to promote frequency of services on lower density routes, and to expand the capacity of regional air services in the country and the continent.

## We fly for you

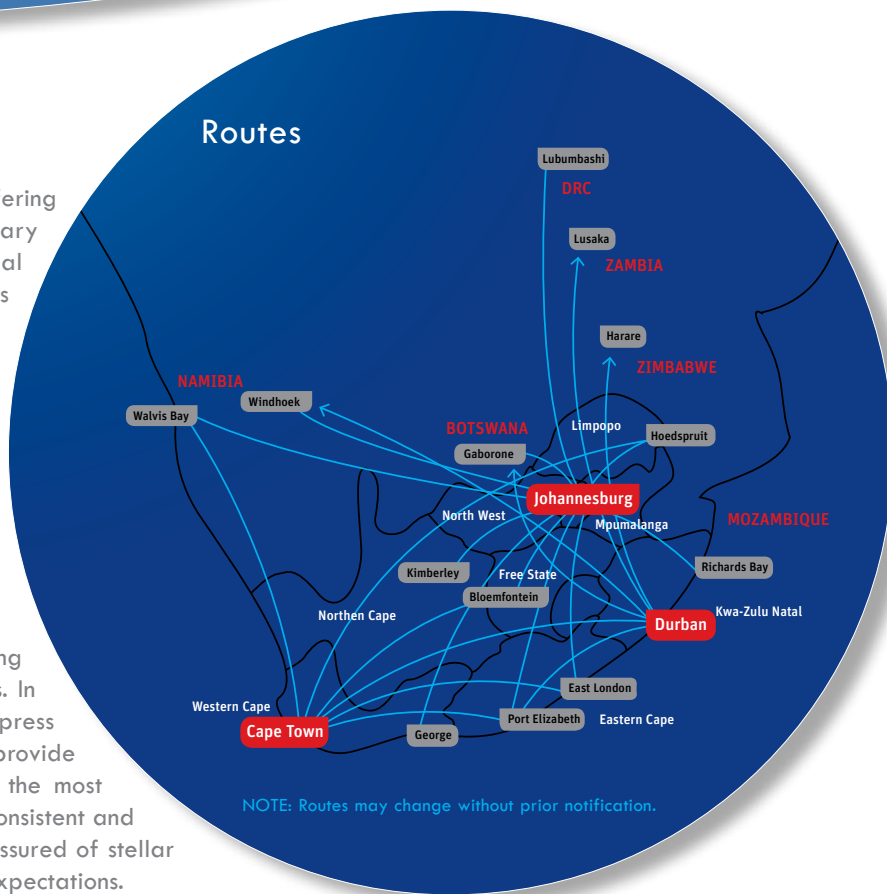
SA Express Airways prides itself on aiming to offer incomparable service standards. In addition to building on our motto to express excellence and consistently striving to provide the best service, we know that "you" is the most important word in our airline. With our consistent and seamless service, our customers can be assured of stellar customer service that will exceed their expectations.

## SA Express cares

The airline's CSI activities are based on the four pillars of education, health, small business development and community development. Maths and science education are a particular focus to provide a suitable pool of candidates to channel into the aviation industry after leaving school.

"Aviation is generally not seen as a career option for young people from underprivileged backgrounds," says Inati Ntshanga, CEO of SA Express. "So we're trying to attract young people, especially women, through a series of interventions."

## Routes



**sa express**

we fly for you

Website: [www.flyexpress.aero](http://www.flyexpress.aero)  
Reservations Tel: +27 11 978 1111





“We create better ways as leading provider for centralized load control services & logistics.,,”

## About Global Load Control

We began operating from Cape Town, South Africa, in July 2004, bringing together a myriad of capabilities to the benefit of our employees, partners and clientele.

GLC is a virtual network consisting of three centres in Cape Town (South Africa), Brno (Czech Republic) and Istanbul (Turkey) that offers market leading load control services for Lufthansa, its partners and customers.

The centralised head-office means that steering takes place from one location to ensure consistency of production and maintenance of highest service quality.

Our team of dedicated customer service experts ensures implementation of our Quality Management System to ensure the highest service excellence while a team of key account managers ensures optimal service delivery.

Geographically the locations have been individually chosen to ensure a diverse work force that has a higher skill basis, access to multiple languages, stable infrastructure and the lowest possible cost basis.

Complementing the most innovative and stable information technologies, these locations ensure a combination of highest quality and competitive cost base.

The 3 center set-up ensures redundancy on 2 continents and makes our 24/7, 365 days per year operation seamless and without disruptions 100 percent of the time.

For more information, visit the website: [www.globalloadcontrol.com](http://www.globalloadcontrol.com)





## ExecuJet Africa

**ExecuJet Africa** is based in South Africa at Lanseria International Airport near Johannesburg and at Cape Town International Airport, as well as Murtala Muhammed International Airport in Lagos, Nigeria.

Both South African locations offer a comprehensive range of services encompassing corporate aircraft charter ("fixed and rotary wing"), new and pre-owned aircraft sales, aircraft maintenance, aircraft management, fixed base operations and full concierge services. The newly built Nigerian facility offers fixed base operations and aircraft maintenance services.

ExecuJet South Africa is an approved service facility for Bombardier Aerospace and Honeywell Engine & Avionics Service Centre. In addition, ExecuJet is also an Authorised Gulfstream Warranty Repair Facility, Authorised Hawker Beechcraft Service Centre and Dassault Approved Service Centre and hold an EASA Part 145 approval. ExecuJet Aviation Nigeria is an approved service facility for Bombardier and Hawker Beechcraft. ExecuJet is qualified to work on a large number of business jets and turboprop aircraft, and

operates the only authorised Honeywell and Pratt & Whitney test cell facility in Africa.

The ExecuJet Aviation Group is headquartered in Zürich, Switzerland, ExecuJet and has operations in six regions – Africa, Asia, Australasia, Europe, Latin America and the Middle East, embracing a workforce of over 830 experienced staff.

The Group manages 150 business jets worldwide under the most stringent safety standards. Its commercial fleet is operated under the regulatory umbrella of seven regional civil aviation issued air operating certificates ("AOCs"). ExecuJet has many authorised maintenance facilities throughout four regions, certified to work on most business jets. The ExecuJet Aviation Group operates 18 world-class FBO facilities worldwide.

The ExecuJet Aviation Group offers considerable experience in new and pre-owned aircraft sales worldwide and has a large inventory of business aircraft to suit all budgets with an international team of sales directors offering local knowledge and expertise.



## SOUTH AFRICAN



**The South African Civil Aviation Authority ("SACAA or CAA") is the South African national aviation authority, overseeing civil aviation and governing investigations of aviation accidents and incidents.**

### Establishment of the Civil Aviation Authority

The South African Civil Aviation Authority ("SACAA") was established on 1 October 1998 following the enactment of the South African Civil Aviation Act, No.40, in September of the same year. The Act provided for the establishment of a stand-alone authority charged with promoting, regulating and enforcing civil aviation safety and security. Prior to that, these functions were performed by the Directorate of Civil Aviation in the Department of Transport. This Act was repealed and replaced by the new Civil Aviation Act, 2009 ("Act No. 13 of 2009") ("the Act"). SACAA is governed and controlled by the Civil Aviation Authority Board ("the Board"). In terms of mandate, the SACAA is tasked with promoting and maintaining a safe, secure and sustainable civil aviation environment, by regulating and overseeing the functioning and development of the industry in an efficient, cost-effective, and customer-friendly manner according to international standards.

The creation of the SACAA reflected the government's then priorities of policy development, economic restructuring, addressing social inequalities and reducing the burden on the general taxpayer by expanding the application of the "user-pays" system. A further motivation for setting up a stand-alone civil aviation regulatory authority was to be in line with international trends in the aviation world, where an increasing number of states implemented this option. The government was indeed convinced that in operating at arms's length from the state, the SACAA would be more ready to meet its international obligations in relation to the International Civil Aviation Organisation's ("ICAO") standards and recommended practices in order to ensure aviation safety in South Africa.

### Areas of Oversight

#### Aircraft Safety.

The Aircraft Safety Division is concerned with ensuring that all aircraft that fly in our airspace are airworthy. Included in the Divisions mandate is the upkeep of the civilian aircraft register, ensuring that civilian aircraft are maintained in accordance with requirements, oversight of Aircraft Maintenance Organisations, the approval of aircraft modifications and Supplementary Type Certificates and to ascertain that maintenance engineers adhere to the applicable regulations.

#### Aviation Security.

The mandate of the Aviation Security Division relates to the security of airports, air operators, cargo, the safe transportation of dangerous goods as well as the oversight of aviation security training organizations.

#### Air Safety Infrastructure.

The Air Safety Infrastructure Division is responsible for ensuring that South African airports, helistops, heliports and airspace are safe. In addition this division also ensures that off-airport structures that may affect the safety of air navigation comply with all safety standards as required by the Regulations. The division is also responsible for the approval of flight procedures and the licensing of Air Traffic Controllers. Furthermore, the division is responsible for the provision of aeronautical safety information to the industry in accordance with ICAO requirements.

#### Air Safety Operations.

This division ensures regulatory compliance and safety oversight of all Air Operators, Aviation Training Organisations, Designated Flight Examiners, Designated Aviation Medical Examiners and Aircraft Maintenance Engineers. In addition, the Air Safety Operations Division is also responsible for Flight Inspections, Maintenance of Examinations, Testing Standards and Aviation Medical Standards in the South African aviation context. The division also certifies the safety technical compliance of Aviation Navigation Aids.

#### Aircraft Accidents and Incidents.

The Aircraft Accident Division's ("AID") primary focus is on enhancing safety with respect to all aviation occurrences from microlight aircraft to fare paying passengers, and in particular, those occurrences that may present a significant threat to public safety and are the subject of widespread public interest.





This women's wellness centre operated by Dr Kgomotso Mogapi (who was a beneficiary of the Medscheme Empowering Doctors Programme) is situated in Mabopane, Tshwane. Dr Mogapi is passionate about women's wellness and this is reflected in the practice's emphasis on healthy living, general wellness, early detection through screenings and lifestyle advice to women from the township who usually do not have sufficient access to these services.

## ABOUT US

### THE A' DARE WOMEN WELLNESS CENTRE INTENT

We, at A'Dare Women Wellness Centre, wish to give you only one gift: Life in Abundance through Great Health!!!

### OUR VALUES

A'Dare Women Wellness Centre challenges to transform how health is viewed and the role of the doctor by saying "creating healthy individuals is about prioritising preventative medicine, addressing lifestyles that negatively affect our health and treating medical conditions and contributing factors before too much damage is done". The centre focuses on women from a young age to help them live their dreams and a healthy life, where health is defined as not merely the absence of disease, but the ability of one to reach their full potential.

### VISION

Leading the way to a life of abundance through great health.

### MISSION STATEMENT

Our mission is to be the leaders in women's health, wellness and lifestyle issues in South Africa and beyond. To inspire women to lead healthier lives; empower them to make informed health decisions and to enhance their lives by ensuring a healthy state of mind so they can fully realise their true self and live up to their potential.

We aim to be part of the drive for healthier South Africans; to dare South Africans women to be more, in every sense and to provide proactive preventative health solutions, screening and lifestyle interventions to South African women as well as to empower them to take their health into their hands.

### OUR SERVICES

We offer comprehensive health & wellness services to women with a focus on:

- Holistic Health & Fitness Assessments.
- Health Education.
- Lifestyle Intervention Planning.
- Wellness Coordination.

For more information, visit the Afrocentric website:  
[www.afrocentric.za.com/sus-corp.php](http://www.afrocentric.za.com/sus-corp.php) or <http://awwc.wozaonline.co.za/About+Us>

The A'Dare Women Wellness Centre Facebook page can be found at:  
<https://www.facebook.com/pages/ADare-Women-Wellness-Centre/99460257452>



www.flymango.com

mango



## OUR HISTORY

Mango first launched end October 2006 with our first flight taking to the skies on 15 November 2006.

Our launch marked one of the largest e-commerce events at the time with more than 10 000 flight requests clocked per minute during the first two days following its launch.

Benchmarked against international best practice in the low cost carrier sectors, we have operated with the best on-time performance in South African skies for the past 6 years and continue to have the lowest cost base domestically - allowing for continued affordable fares. We operate a fleet of new generation Boeing 737-800 aircraft with a seating capacity of 186. Our aircraft are maintained by South African Airways Technical.

We're known as South Africa's most innovative airline. We are the only African airline to offer on-board Wi-Fi, we're the first carrier to retail flights through grocer Shoprite Checkers, the first to offer booking and payment facilities via our mobile app and we remain the only airline in the world to accept store charge cards (Edgars/Jet) as payment online and through our call centre.

Our seat replacement programme will see Mango offer improved legroom with our new, ergonomically efficient seats. Completion of installation is expected by end April 2014.

## REASONS TO FLY MANGO

- Mango offers its Guests the widest booking and payment options through its extensive distribution network.

- Arrive on time—South Africa's most on-time domestic airline for the past 6 years on aggregate.
- Edcon Thank U Account Cardholders are able to book and pay for their flights using their cards online and through its call centre.
- Change flights at no extra cost—an added bonus for Mango PLUS and Mango FLEX Guests.
- Online check-in and seat selection.
- The G-Connect In-Flight Wi-Fi service lets Guests experience the Internet from 30 000 ft.

## DID YOU KNOW?

- Mango is the only airline globally to accept store charge cards in lieu of booking payment.
- Mango Juice, our in-flight magazine, is the most awarded domestic read in South African skies.
- All Mango's airport operations have received ACSA Feather Awards for service excellence over the past few years.
- Mango received an international Budgie Award in 2007 for its marketing.
- We were named African Low Cost Carrier of the Year in 2008.
- Sunday Times Generation Next Survey named Mango Coolest Low Cost Airline several times.
- We've held pole position in the Sunday Times Top Brands Survey four years in a row from 2009 to 2012.
- Mango leads its aviation peers across most social media platforms.

For more information, visit the website: [www.flymango.com](http://www.flymango.com)





# TAKING YOU TO NEW HEIGHTS!

**SRS AVIATION ("PTY") LTD** is South Africa's first, and only, 100% fully empowered, black women-owned and operated airborne services business. Piloted and pioneered by **SIBONGILE SAMBO**, **SRS AVIATION** offers clients professional and personalised flight options to destinations around the world.

**SRS AVIATION** offers Air Charter services from VIP Charter, Tourist Charter, Cargo Charter to Helicopter Services.

**SRS AVIATION** is the African distributor of new and overhauled aircraft spare parts for the commercial, commuter, corporate, military and cargo aerospace industries.

**SRS AVIATION** provides ground handling services equipment: leasing/rent, maintenance, fleet management and sales.

## **SRS AVIATION ("PTY") LTD / CONTACT US**

**SIBONGILE SAMBO**  
MANAGING DIRECTOR

TEL/ +27 ("0") 11 701 2332  
CELL/ +27 ("0") 73 717 9747  
FAX/ +27 ("0") 86 613 4148  
EMAIL/ [ssambo@srsaviation.co.za](mailto:ssambo@srsaviation.co.za)  
WEBSITE/ [www.srsaviation.co.za](http://www.srsaviation.co.za)

**OPERATIONS OFFICE**  
Hangar 43, Gate 5  
Lanseria International Airport  
Lanseria, 1738  
Johannesburg, South Africa

**HEAD OFFICE**  
South African Airways Park  
Office 103 Block E, 1<sup>st</sup> Floor  
32 Jones Road  
Kempton Park, 1620  
Johannesburg, South Africa

**SRS AVIATION GHANA LTD**  
C54/21 Abelemkpe  
Accra, Ghana  
**CONTACT/** Prince Owusu-Yeboah  
**CELL/** +233 30 276 3208 / +233 26 565 0066  
**EMAIL/** [prince\\_owusu@srsaviationghana.com](mailto:prince_owusu@srsaviationghana.com)  
**WEBSITE/** [www.srsaviationghana.com](http://www.srsaviationghana.com)





City-to-City provides a no-frills regional bus transport service to various destinations across South Africa and Mozambique in its all new modern fleet designed and built to world standards. No frills means that our bus fares are a little more economical, but certainly without a compromise on the levels of comfort and safety.

## ABOUT AUTOPAX

Autopax is PRASA's wholly-owned subsidiary whose main objective and business is the long distance road transportation of passengers. Autopax's mandate is to consolidate its market share and operate on a fully commercial basis, support rail operations through effective feeder and distribution services and also offer services to cities and municipalities in rural areas. The company operates a fleet of 570 commuter, semi-luxury, luxury and ultra luxury buses.

Autopax employs 1345 staff and operates out of three depots situated in Pretoria, Johannesburg and Cape Town.

## VISION

We're dedicated to achieving the PRASA goal of being South Africa's Number One Public Transport Operator by 2015.

## VALUES

### 1. Fairness and Integrity

Treating our customers and our colleagues the same as we would like to be treated is how we define integrity.

### 2. Service Excellence

We aim to provide the kind of service that ensures that our customers leave gratified and have us top of mind every time they want to embark on bus journey.

### 3. Performance Driven

We're always seeking to achieve high levels of service and a world-class travelling experience. This means that we're constantly pushing

barriers and seeking to better our offering, thus creating a solid platform for breakthroughs and customers who sing our praise.

### 4. Safety

Safety is paramount in our business. It speaks to our commitment to our passengers and the drive we have to ensure a strong sense of comfort for them. To feel secure and assured of great safety equates to a peaceful and restful journey for every passenger.

### 5. Communication

The role of communication in our company is pivotal. We have learnt over the years that the essence of achieving a favourable balance with our customers and staff members lies in the ability for us to communicate with each other openly and honestly, even about the little things.

### 6. Teamwork

Working together with our customers to achieve a common goal and recognising each other's worth is what drives us at Autopax. Each staff member has the responsibility to help the other out in to create a seamless service offering that benefits all our passengers.

## HISTORY

Autopax Passenger Services ("SOC") Ltd has its origins in the passenger services provided by the former South African Road Transport Services, under the names of Transtate and Translux. During the period after 1990, these two businesses were consolidated into the Passenger Services Division of Autonet, a division of Transnet. Autonet was corporatized into the legal entity, Autopax Passenger Services ("SOC") Ltd.



# AERO CLUB SOUTH AFRICA: TRANSFORMATION & DEVELOPMENT



## AERO CLUB SOUTH AFRICA

### TRANSFORMATION & DEVELOPMENT

#### MISSION

The Aero Club of South Africa shall transform the realms of the skies from its exclusivity, into a place of learning, growth and knowledge for all, directed in particular at the historically disadvantaged youth of our country.

#### VISION

Transformed Aviation Aware Society: Aviation has long been perceived to be the preserve of the fortunate few who were aware of the opportunities that exist in aviation, or those able to pass the stringent qualifying criteria for a career in the South African Air Force, or those with enough funding, to be able to obtain a private pilot qualification. Thus by definition it excluded the vast majority of the population of South Africa. In order to rectify this legacy from the past it is generally recognized that to do this on a sustained long term basis it will require that the historically disadvantaged youth be actively encouraged and constructively engaged to develop an interest in aviation.

#### THE WAY FORWARD

The transformation of aviation in South Africa is an enormous task, which requires a deliberate and controlled effort in order to make continued respectable and sustained progress. The Board of the Aero Club realizes that it is necessary for like-minded groups to join forces in order to draw from a common pool of knowledge, maximize recourse availability, use and to minimize errors and waste. With further funding from the Aero Club and the National Lottery Distribution Trust Fund, it is investigated that the existing programme will become a fully inclusive board-based T & D programme under the auspices and control at the Aero Club of South Africa, which will be expanded to continue to deliver aviation awareness, full scale aviation participation and international competition from grassroots, in schools and communities throughout the country.

In the year ahead, we are hoping to further build and expand on our successes. We will continue the integration of all the sections of the Aero Club into a single dedicated T & D programme in order to be able to create more successful and sustainable clubs and programmes within the local communities in the rest of the country. This format reduces travel expenses and makes it more accessible for the participants in full scale aviation activities.

The aviation Awareness programmes will be run as often as possible at as many airshows and with in as many communities as we can organize.

The programmes at airshows are purely for awareness reasons; the ones within the communities and schools are also used to create aviation awareness, but are mainly directed at identifying real and dedicated interesting aviation and thereafter to establish local clubs.

We will continue to develop the individuals currently in the programme and use them as team leaders to help create the awareness and the ability to achieve. They have all made firm commitments to 'give back' to the programme that has brought them this far. We would love to develop more team members to represent South Africa at National and International level, but it takes time and we need to continuously expand on the platform to find these candidates. ("Clubs with communities")

We will continue to train full-scale pilots in the programme, as this is an excellent grounding to enable them to move forward towards a career in aviation.

The lack of funding is our only inhibitor in expanding on our programmes. The funding received from the National Lottery Distribution Trust Fund is crucial to the sustainability of the current programme and future plans. I wish to sincerely thank the NLB for the funds received thus far and all the sections for helping the T & D division to create life-changing opportunities.

For more information, visit the website: [www.aeroclub.org.za](http://www.aeroclub.org.za)

MTN Foundation



Download the 2013 annual report here:  
<http://services.mtn.co.za/mtnfoundation/files/assets/common/downloads/publication.pdf>

THE MTN SA FOUNDATION subscribes to the highest standards of good governance and employs a careful selection process when granting funding to projects. We use specific criteria to select projects that fall within our four focus areas of Education, Entrepreneurship, Health, and Arts and Culture.

We also invest a small portion of our budget in certain worthy projects that do not fall into these focus areas.

The MTN SA Foundation Head, management committee and board scrutinise project proposals to ensure that they meet the requirements of the MTN SA Foundation. Organisations receiving funding of R50 000 or more are required to enter into and sign a funding agreement, a requirement of which is the submission of evaluation reports at the end of each project.

Funding will not be granted in the following categories:

- Individuals or small groups in their personal capacity (except philanthropic).
- Travel, either by groups or individuals.
- Political parties or groups with partisan political affiliations.
- Religious organisations for sectarian activities (except projects that are of benefit the broader community).
- Professional fundraising organisations or intermediaries.
- Institutions or bodies which are racially exclusive.
- Profit-making concerns (excluding not-for-gain).
- Labour movements.
- Research projects.
- No direct funding to government but rather to suppliers and beneficiaries of programmes.

All funding proposals should be submitted in writing to the:

MTN SA Foundation:  
 216 14th Avenue  
 Fairland  
 Gauteng  
 2195  
 Tel: +27 11 912 3530  
 Fax: +27 11 912 4670  
 Email: [foundation@mtn.co.za](mailto:foundation@mtn.co.za)  
 Website: <http://services.mtn.co.za/mtnfoundation/>



# AEROSPACE LEADERSHIP ACADEMY



## OVERVIEW

Construction and work for AERLA began in early 2013 with the first classes starting in January 2015.

AERLA educates scholars in a military 'light' style environment that stresses responsibility, detail, global awareness, and scholastic achievement. There are daily codes of conduct including behavior and dress, and required standards such as physical training and drills. These codes are extremely beneficial in creating self-reliant, respectful leaders, which ultimately provides a respectful and prosperous educational environment.

We turn individuals into leaders who can engineer and facilitate positive change in order to overcome any of the many challenges we face in the world today.

## VISION/MISSION STATEMENTS

The Aerospace Leadership Academy (AERLA) adheres to three guiding statements that help provide direction and ensure the Academy's success. They are the Vision and Mission Statements and AERLA's Educational Philosophy.

### VISION

AERLA's vision is to be the top aerospace focused university preparatory school instilling tradition, and developing relevant knowledge and leadership, enabling our cadets to succeed in this global world.

This will occur through our cadets learning academic concepts and skills for an unknown future via applications relevant to the aerospace, aviation and defense industries. This will be strengthened by private and public partnerships in related fields to help our cadets reach their full potential.

## MISSION

AERLA transforms its cadets into individuals ready for university, the workplace and for life. The academic program provides theory-based knowledge, but also skills required to succeed through both individualized and group STEM-related and leadership projects, hands-on activities and collaborative engagement with our partners.

## WHAT WE OFFER

AERLA's flagship program is the [full-time boarding high school](#) (grades 8-12). However we offer other unique courses:

- [A bridging course, post matric/high school graduation and first year university](#)

The bridging program prepares students for university life, both mentally and academically, as well as provides them with unique knowledge of the aviation/aerospace/engineering sectors. It is a full time five month course.

- [Aerospace/aviation/military camps](#)

The most popular timeframe is a three day/two night camp, but we tailor courses based on the wants and needs of the school or institution and their age group.

- [Teacher training/workshops](#)

At AERLA, we want to give back, and feel we can help improve math and science education in South Africa and around the continent. We help do this by offering teacher training workshops on various topics like teaching methodology, specifically focusing on our areas of expertise.

- [Events](#)

We often hold events on various topics related to aerospace, aviation, defense, education or space. Events to date have included an overview of the future of space travel with guests from Virgin Galactic Unite and Xcor and a general discussion on the aerospace/aviation/defence industries in Africa with a panel from Paramount Group and the Southern African Women in Aviation and Aerospace (SAWIA).

For more information, visit the website: [www.aerospaceleadershipacademy.com](http://www.aerospaceleadershipacademy.com)

# ATNS & NATIONAL AEROSPACE CENTRE



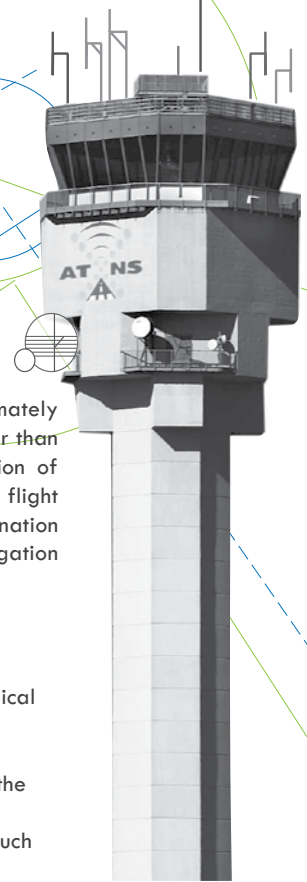
IMAGE SOURCE: www.airport-technology.com

## ABOUT ATNS

ATNS is responsible for air traffic control in approximately 10% of the world's airspace. Our services extend further than the familiar air traffic control service, into the provision of vitally important aeronautical information used for all flight planning purposes as well as search and rescue coordination activities and the maintenance of a reliable navigation infrastructure.

### OUR OPERATIONS INCLUDE:

- The supply of aeronautical information services, technical maintenance and aerodrome services;
- Alert, search and rescue co-ordination services;
- Management of the flexible use of airspace through the Central Airspace Unit ("CAMU");
- Support for special events and special requirements such as test flights, demonstration flights, etc;
- The implementation and maintenance of a terrestrial-based navigational structure;
- The training of licensed air traffic controllers and technical staff through the Aviation Training Academy ("ATA").



[DTI / www.dti.gov.za](http://www.dti.gov.za)

[NATIONAL AEROSPACE CENTRE / www.wits.ac.za/nac](http://www.wits.ac.za/nac)



## ABOUT THE NATIONAL AEROSPACE CENTRE

The National Aerospace Centre ("NAC") is a national aerospace-focused programme supported by the Department of Trade and Industry ("the DTI"), and managed and hosted by The University of the Witwatersrand, Johannesburg ("Wits").

Recognising the need for greater innovation and skills development in line with the needs of the South African aerospace industry, the NACoE was launched in 2006. The centre engages with government, industry, academia and research institutions, locally as well as internationally, in promoting sector competitiveness and developing human capital. Additionally, the centre has a sound project management function, and enjoys partnerships with the Aerospace Industry Support Initiative ("AISI"), the Centurion Aerospace Village, and the Advanced Manufacturing Technology Strategy ("AMTS"), as well as the Universities of Cape Town, Stellenbosch, The Witwatersrand, Pretoria and the Cape Peninsula University of Technology. Internationally, the NAC has established a sound partnership with Airbus as well as participating in AeroAfrica-EU, and African and European Union aerospace initiative involving five countries.





## ABOUT DENEL SOC LTD

Denel SOC Ltd is a state-owned commercially-driven company and strategic partner for innovative defence, security and related technology solutions. It groups together several defence and aerospace divisions and associated companies.

Denel provides turn-key solutions of defence equipment to its clients by designing, developing, integrating and supporting artillery, munitions, missiles, aerostructures, aircraft maintenance, unmanned aerial vehicle systems and optical payloads based on high-end technology. Its defence capabilities date back more than 70 years when some of Denel's first manufacturing plants were established.

Between the Denel divisions there is a collective experience of over 200 years.

Over the years Denel has built a reputation as a reliable supplier to its many international clients. It supplies systems and consumables to end users as well as sub-systems and components to its industrial client base.

Denel also has a number of equity partnerships, joint ventures and cooperation agreements with renowned international players in the defence industry.

For more information, visit the website: [www.denel.co.za](http://www.denel.co.za)



## OUR HISTORY

Founded in 1918, Sanlam has a rich heritage. The Group has over the years evolved from a traditional insurer to a diversified financial service provider with both local and international footprints.

In December 1917, a small group of Afrikaners and a Scotsman met in the Royal Hotel in Cape Town to discuss the formation of a company which would later prove to have a major impact on South Africa's economic history.

The Suid-Afrikaanse Nasionale Trust en Assuransie Maatskappij Beperk (South African National Trust and Assurance Company Limited), Santam, was registered on 28 March 1918. It was then decided to convert the life assurance department into a separate company, and the Suid-Afrikaanse Nasionale Lewens Assuransie Maatskappij Beperk (South African National Life Assurance Company Limited), Sanlam, was registered on 8 June 1918. Sanlam, the subsidiary, later became the spearhead of the operation, while Santam remained focused on short-term insurance.

Despite the tough early years Sanlam showed a small profit at the end of its first year, declared a bonus and continued to grow consistently from there. Santam remained the controlling shareholder until 1954 when Sanlam became an independent mutual life assurance company, as well as the largest single shareholder in Santam.

Over the years, Sanlam's focus gradually shifted from traditional life insurance to providing a broader range of financial products and services. In 1998 Sanlam demutualised, listing on the JSE Ltd and the Namibian Stock Exchange. This changed Sanlam from a mutual entity into a public company with a share capital, namely Sanlam Life Insurance Ltd. At the same time a separate company, Sanlam Ltd, was installed as the parent company of the Sanlam group of businesses. The Group was also restructured into several independent businesses within a federal business structure.

Today, Sanlam is a diversified financial services provider with an extensive product offering catering for all market segments. The Group has consistently grown its local as well as an international footprint - it now has a presence in more than 10 African countries, India, Malaysia, Philippines, the UK /Ireland, the US, Switzerland and Australia.

For more information, visit the website: [www.sanlam.com](http://www.sanlam.com)



# MASHABELA & AFRICAN PILOT MAGAZINE

**HOME  
ABOUT US  
SERVICES**



**SOUND PEOPLE  
VIDEO RECENT PROJECTS  
GALLERIES KING DAVID**

## AN IDEA WHOSE TIME HAS COME

We are more than just an ideas company, but an idea whose time has come. Traditionally ad agencies only develop ideas and then hand them over to production companies to bring the ideas to life.

That time is long past. Now marketers and communicators want a one stop multi media company that [1] strategically develops the idea [2] produces the concept into graphic designs, audio production (radio ads, dramas etc.) and TV commercials suitable and effective for the South African market.

We are a bunch of young creatives who are passionate about campaigns that work. We get a kick from seeing our idea change people's perceptions and influence their buying habits in some way.

[Listen > Radio Ads](#)

"Great job, bold, love the colour scheme! Keep it up 'my broer!'"  
- Millicent

"...user friendly, which I think is important for any site, right next to the way it looks and feels and the image it portrays."  
- Siya

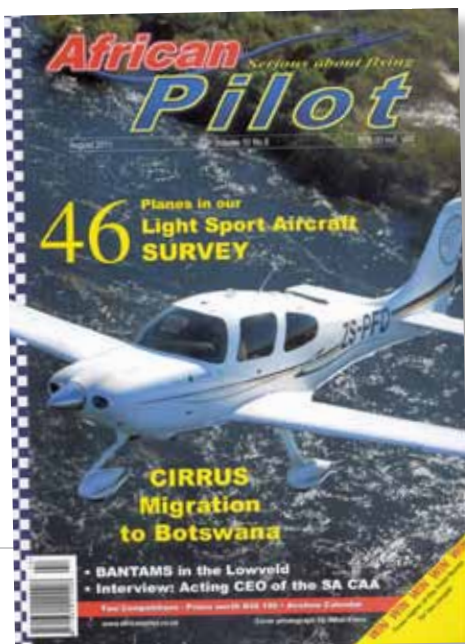
### ABOUT MASHABELA CREATIVES

Mashabela Creatives was registered in 1998, then David Mashabela was working for SAATCHI & SAATCHI advertising. The idea of offering advertising and marketing solutions to relatively smaller clients made some sense to him. But he felt he needed some time to learn the business. In 2004 he officially opened shop at the SABC, offering only radio marketing solutions.

In 2009 the business moved to new premises, which allowed us to increase our service offering. Now we are full service marketing solutions business, from concept to production. We develop the idea and produce all the required communication elements in house, TV, radio and print.

With young dynamic people in the office our possibilities are endless. We are now exploring the idea of developing content for TV channels, corporate photography and owning radio broadcast facilities.

At Mashabela Creatives we believe in a simple principle, "offer every client the best possible service and they will tell others about you and your business will grow". business will grow". For more information, visit the website: [www.mashabela.co.za](http://www.mashabela.co.za)



AFRICAN PILOT is a niche market specialist aviation magazine that has been publishing uninterrupted for the past fourteen years. Subscribers to the magazine can expect glossy layouts with a modern 'coffee table' look featuring South African, African and world aviation events, interesting facts about aviation, historical features and general aviation news.

African Pilot is the only South African aviation magazine that strives and is most successful at covering most southern African aviation events. The magazine provides a platform for the organizers of airshows and specific aviation events to market their particular event to members of the public.

African Pilot is also the only South African aviation magazine that runs a regular cover competition, a monthly photographic competition and other special offers to its readers.

The monthly magazine is complemented by a FREE weekly e-mail Aviation News brief that brings readers up-to-date with scheduled aviation events both in South Africa as well as the remainder of the world. In addition, the newsletter carries 'breaking news' articles with pictures on developments within the exciting world of flying.

For more information, visit the website: [www.africanpilot.co.za](http://www.africanpilot.co.za)





### THE COMAIR STORY

An aviation company founded in 1946, Comair Limited is managed and owned by South Africans through its listing on the JSE. We've been operating successfully within southern Africa for more than six decades with an internationally recognized safety record. Since 1996, we have been operating local and regional services within southern African under the British Airways livery as part of our licence agreement with British Airways Plc and launched South Africa's first low-fare airline, kulula.com in 2001.

This adventurous brand has since inception revolutionised air travel in South Africa by making flying easier and more affordable to customers.

### LAYING DOWN THE FOUNDATION

Who would have thought that the idle chatter amongst three South African Air Force pilots in the middle of the Egyptian desert would become South Africa's longest operating airline after the national carrier? Over six decades ago, AC Joubert, JMS Martin and Leon Zimmerman had laid down the foundations for a business that would offer pilot training, a charter service, and possibly the sale of an occasional aircraft. From these aviation roots a long-standing relationship was developed between Comair and the Cessna Aircraft Company.

In 1946, Comair history was made when commercial Air Services began operations with its charter flight from Rand Airport in Germiston to Stamford Hill Aerodrome in Durban. A Fairchild UC-78's (found in Cairo after the war) was operated as a charter service to some of the remotest places in Africa.

### SECURING THE FUTURE

With the new South African Aviation regulations in 1948, Comair could begin its first scheduled service using a new Cessna model 195. Carrying a pilot and four passengers, the Cessna followed the daily return route from Johannesburg to Durban via Kroonstad, Odendaalsrus, Bloemfontein, Bethlehem and Ladysmith.

However, not being commercially viable, when Government support was rejected, the service was to come to an end. At the time, the Anglo American Corporation were developing gold mines in the Free State and approached Comair to continue the service – at least to the Free State Goldfields. A limited subsidy was offered and Comair continued to operate a scheduled route, so securing its future existence.

### ENTERING THE MAINSTREAM

Comair entered the main domestic routes in 1992. The Boeing 737-200s and Fokker aircraft carried almost 100,000 passengers a year with leisure travellers on safari dominating the market. The route network included services to Cape Town, Durban, Richards Bay, Skukuza, Manzini, Gaborone and Harare with 200 departures per week.

### INHERITING A REPUTATION

In 1996, Comair joined British Airways as a franchise partner and became known as British Airways Comair, taking on the colours and livery of British Airways International. The British Airways brand brought with it a rich heritage of stylish travel, reputation for service excellence and a wide range of products such as the prestigious Executive Club frequent flyer programme.

As franchise partner of British Airways and a member of the oneworld® alliance, Comair offers seamless connections to the international route network and continues to serve local premium customers with the same standards in mind.

### LAUNCHING KULULA.COM

In 2001, South Africa's first 'no-frills' carrier, kulula.com was launched. The name kulula is derived from the Zulu language meaning 'easily'. As Comair continues to position kulula.com as more than just an airline but rather an entire travel experience, the brand aims to provide customers with the easiest way to book, the easiest way to pay and above all, the easiest to afford.

For more information, visit the website: [www.comair.co.za](http://www.comair.co.za)



## AIRPORTS COMPANY SOUTH AFRICA

Airports Company South Africa Limited (ACSA) was formed in 1993 as a public company under the Companies Act of 1973, as amended, and the Airports Company Act of 1993, as amended. Although ACSA is majority owned by the South African Government, through the Department of Transport, the Company is legally and financially autonomous and operates under commercial law.

ACSA has just completed its most ambitious infrastructure capacity development and improvement programme ever, prepared and brilliantly delivered against the world's and our country's expectations for a successful 2010 FIFA World Cup.

An important component of this colossal task was to ensure that there was a smooth and hassle-free transfer to new infrastructure, together with its immediate and effective operation. This, in world airport terms, is undoubtedly the task that has most challenged airports around the world.

In a country that is troubled by chronic unemployment, ACSA is pleased to be contributing to job creation in South Africa, achieved through infrastructure investment and the partnerships that we are developing with the private sector. As recognised by global consulting firm Mott-MacDonald, the investment by ACSA in infrastructure development has been appropriate, leading to significant socio-economic benefits. It is estimated that the three major international airports sustain about 300 000 jobs (direct and indirect) and that planned future developments, as a result of passenger and cargo growth, will result in the creation of some 150 000 new jobs over the next 10 years, provided the envisaged infrastructure development plans are realised.

For the past nine years, service standards have been benchmarked through the Airports Council International's (ACI) Airport Service Quality Programme. There are currently 180 airports around the world taking part in this programme, ranging from Atlanta (the largest) to Incheon and Kuala Lumpur (the most efficient). To date, ACSA airports have won 20 achievement awards for passenger satisfaction.



ACSA was formed to own and operate the nine principal South African airports, including the three main international gateways of O.R. Tambo, Cape Town and King Shaka International Airports. As well as providing worldclass, secure infrastructure for airlines to transport people and goods, ACSA extends its responsibilities to include the promotion of tourism, the facilitation of economic growth and job creation, and protection of the environment.

ACSA's revenue is generated from aeronautical and non-aeronautical sources. The former is derived from government-regulated charges, or tariffs, paid by airlines and includes fees for aircraft landing, aircraft parking and a passenger service charge. Non-aeronautical income is derived from multiple sources that include retail sales, concession fees, property leases, parking fees, hotel operations, advertising and revenues from our involvement in international activities.

A large international airport should be thought of as a living entity. Although it is a collection of inanimate objects such as runways, hangars, terminal buildings, car parks, roads and a host of physical structures to support the activities of an airport, in reality it is an organism that pulses with life, just like a city.

An airport is not only for air travellers; O.R. Tambo International, for instance, is host to about 20 000 people who go to work there every day to provide the multiple services that tend to be taken for granted when visiting an airport. An airport is not just for flying: it is the heart of a network of transport arteries for cars, trucks, buses taxis and trains. Travellers are often accompanied by 'meeters and greeters', adding to the community that goes to an airport to eat, to drink, to browse in the shops, refresh and relax, and, of course, to fly!


Outside South Africa, ACSA will endeavour to identify and participate in select airport management and operating concession opportunities as part of its overall growth strategy. In this regard, in February 2006, ACSA and a consortium comprising the Indian company GVK and South African listed company, Bidvest, won a concession to manage Mumbai International Airport (MIAL). ACSA considers MIAL an exciting and valuable investment.

For more information, visit the website: [www.airports.co.za](http://www.airports.co.za)





SOUTH AFRICAN AIRWAYS

A STAR ALLIANCE MEMBER 

## ABOUT SAA TECHNICAL

South African Airways Technical (SOC) Ltd (SAAT) has served the African aviation market for more than 70 years and remains the leading maintenance, repair and overhaul provider in Africa. SAAT has a broad skills base, with excellent facilities, local and international certifications and full maintenance capabilities that are based on the highest of safety standards, superior quality of service, the best maintenance reliability records in the world with Dispatch Reliability and Turn Around Times exceeding International Benchmark standards. Fully FAA-certified since the early 1990's, SAAT serves an increasing number of local, regional and international airlines.

## OVERVIEW

SAA Technical operates from extensive premises at OR Tambo International Airport in Johannesburg, South Africa, servicing not only the domestic market but also regional and global customers. SAA Technical's strategic mission is to deliver commercially sustainable world class maintenance, repair and overhaul services in South Africa, Africa and globally.

## WHO WE ARE

SAA Technical (SAAT) has a collective people-asset base of over 2600 of highly skilled staff. The SAAT team comprises of maintenance-related employees, with a strong base of technical and engineering skills. Inclusive are the support structures of Engineering, Planning, Strategic Procurement, Logistics, Quality Assurance and Quality Control, Finance, 24 Hour Maintenance Control Centre, Technical Training and Human Resources.

## HISTORY

SAAT has a solid reputation with more than 70 years' experience as a world-class aircraft Maintenance and Repair Organisation, Components Support and Engine repair and overhaul services, with full uninterrupted FAA certification since the early 1990s; SAA Technical continuously serves an increasing number of local and international airlines. While the main operations are at extensive premises at OR Tambo International Airport, over the years SAAT has expanded its footprint to Cape Town, Durban and Lanseria.

## BENEFITS

By choosing the SAA Technical team to carry out your maintenance and repair work, you as a customer are guaranteed the following:

- Excellent Turn Around Times and Dispatch Reliability.
- Competitive labour rates.
- A broad skills-base.
- Comprehensive support from Component and Workshops Services.
- Excellent and world-class facilities.
- A solid reputation with Over 70 Years MRO experience Certifications (South African CAA (AM01); FAA (DW5Y820M); EASA 145.0136; SA National Accreditation Standards), as well as a number of international approvals for line maintenance.

For more information, visit the website:  
[www.flysaa.com/za/en/SAA\\_Technical/flysaa\\_technical\\_welcome.html](http://www.flysaa.com/za/en/SAA_Technical/flysaa_technical_welcome.html)



South Africa's rich tradition in space, dating back to the 1950s, has positioned it as an active participant in the global space arena and a country with unique space infrastructure.

The South African National Space Agency Act, 36 of 2008, mandated the establishment of a National Space Agency to provide for the promotion and use of space and cooperation in space-related activities, foster research in space science, advance scientific engineering through human capital and support the creation of an environment conducive to industrial development in space technologies within the framework of national government policy.

On 9 December 2010, South Africa's space landscape was transformed with the launch of the South African National Space Agency ("SANSa"). The intent is to converge and optimise resources and maximise the benefits of space services and applications to society.

SANSa comprises a Corporate office which oversees the overall operational capability of SANSa, the Earth Observation directorate ("currently based in Pretoria"), Space Operations directorate ("formerly the Satellite Application Centre - located in Hartebeesthoek") and Space Science directorate ("former Hermanus Magnetic Observatory - located in Hermanus"). These directorates each possess a rich history that they bring to SANSa and you can read more about them on the respective directorate pages on this site.

## OUR VISION

To be the leader in ensuring that space science and technology benefits society, the environment, the economy and the global community through products and services; research and development; and human capital development.

## SANSa'S MISSION IS TO:

- Deliver space-related services and products to the citizens of South Africa and the region.
- Support, guide and conduct research and development in space science and engineering and the practical application of the innovations they generate.
- Stimulate interest in science and develop human capacity in space science and technologies in South Africa.
- Create an environment that promotes industrial development.
- Nurture space-related partnerships to enhance South Africa's standing in the community of nations.

For more information, visit the website: [www.sansa.org.za](http://www.sansa.org.za)



# THE PLANNING TEAM



## REFILWE LEDWABA

Refilwe is the founder of SAWIA, and a qualified helicopter and fixed-wing pilot, currently employed by SA Express ("SAX") as a junior First Officer. Prior to joining SAX, Refilwe flew helicopters for the South African Police Service ("SAPS") for 10 years.

Refilwe completed a BSC, majoring in Biochemistry and Microbiology, at the University of Cape Town ("UCT"), and was the recipient of the Future Leadership Programme through the Management Development Trust ("MDT") Scholarship Fund, which enabled her to study and complete the Postgraduate Diploma in Business Administration at the UCT Graduate School of Business in 2009 (with distinctions in Managerial Statistics, Marketing for Managers, Information Systems, Financial Value Management, and Management and Leadership). She also completed a semester of a Master of Management in Public and Development Management at Wits University (with a distinction in Managing Information and Communication).

Refilwe is a keen aviator, and passionate about education, women's rights and development. She hopes that through SAWIA, more girls and women will learn about the career opportunities in the aviation and aerospace sector, and be encouraged to pursue a career in aviation and aerospace, and contribute to its reform and gender transformation. She is an active member of Women in Aviation International ("WAI"), The Ninety Nines, The Whirly Girls – International Women Helicopter Pilots, and Women in Corporate Aviation.

On the 26th July 2012, Refilwe was awarded the CEO Group's Aerospace Category for South Africa's Most Influential Women in Business and Government. On the 29th July 2012, she (through her work with SAWIA) was awarded the National Youth Development Agency Social Entrepreneurship award. On the 1st November 2012, she was awarded a Career Scholarship from the Women in Corporate Aviation. In 2014, she was featured on the cover of Women in Aviation International magazine, the first woman in South Africa to do so. Refilwe has been accepted into one of the world's top universities to study a part-time MBA in 2015.



## NATALIE KYD

**In her own words:** "I was born in Port Elizabeth and matriculated from St. Thomas Senior Secondary School in 1996. I started my apprenticeship at South African Airways ("SAA") on a cold, Joburg Monday morning on the 1st of June 1998. Honestly? I did not look for aviation - aviation found me! I was at Technical College when SAA did a recruitment drive. After they shared information with me, I was interested and immediately hooked! I did the psychometric test then and there, and the rest is history.

I qualified as an Aircraft Electrician in June 2000. I was the first female aircraft electrician at SAA. Being one of veeeeery few females in the organisation was quite challenging, but I survived. I went on to obtain different aircraft licenses which enabled me to get my Aircraft Maintenance Engineer License. In 2006, I became a senior licensed technician. In April 2008, I was asked to take up an acting position in the training department, where I joined the team at the Avionics Apprentice Training School as an Aircraft Electrical Instructor. I was permanently appointed in April 2010 – the first female apprentice instructor at SAA Technical. At the training centre, I teach apprentices the theory and practice of becoming an aircraft technician.

I am married with three daughters. I am also part of SAA's career awareness team, SiVulindlela, where we travel around South Africa to schools and educational institutions to educate learners about the different careers that are available within aviation and that are offered at SAA. I am currently studying towards a BCOM in Marketing through the University of South Africa ("UNISA")."

# THE PLANNING TEAM



## LERATO LEDWABA

Lerato has been involved with SAWIA since its inception in 2009, and has largely been responsible for the education portfolio of the organisation. Inspired by her passion for aviation, education and youth development, Lerato continues to manage various innovative youth projects such as the SAWIA Girl Fly Programme in Africa and GIRL TALK, a forum that encourages dialogue among the youth of South Africa. She currently project manages the annual GFPA Aviation and Space camp, being instrumental in its successful design, planning and implementation.

Lerato holds a BCOM degree from Wits University, a Certificate in Introduction to Investment and Finance, and completed a one year Business Consulting programme. At present, she is studying towards a CIMA qualification.

Lerato is currently a consultant in the Merger and Acquisitions team with the Deloitte Corporate Finance division. She has corporate finance experience, including mergers and acquisitions, black economic empowerment transactions, and capital raising, and has worked with clients in various sectors including: Financial Services, Mining, Telecommunications and Information Technology. Prior to joining the Merger and Acquisitions team, she worked in Corporate Finance, Risk Advisory, and Strategy and Innovation.



## MORONGWA CHARLOTTE PAPO

**In her own words:** "I am commonly known as Morongwa, but my full name is "Morongwa wa Morena" which means Angel of God. I was born and raised in Seshego in Limpopo and like most first grandchildren, I was raised by my grandparents. My Christian childhood background exposed me to active participation in community-building such as raising funds for beauty pageants, motivational speaking, and taking care of the destitute.

From when I was four years old, the aviation industry fascinated me, and whenever I saw a pilot, I saw myself as one. Every time I visited an airport, the pilots and aircrafts were focal points for me. From kindergarten to Grade 12, I always said that I wanted to become a pilot. In my mid-teens, I joined G&L Charters and Training (owned by Gerry Wilkinson) as a volunteer and part-time student pilot - just to expose myself to the aviation environment.

When I obtained my Grade 12 certificate at PEPPS College in my hometown of Polokwane, I knew that aviation was going to be my career. Some teachers and friends did not believe in my dream, but I pursued what I love most and am passionate about. I joined FTS in Midrand, and obtained my PPL and CPL.

In 2012, I joined the SAWIA Limpopo/Gauteng regional team that was responsible for organising aviation networking sessions and all things aviation, such as the Limpopo Aviation Day and the annual GFPA Aviation and Space camps. I am an active member of SAWIA, and my duties have included: Project Co-ordinator for 2013's Limpopo Aviation Day; Planning Team for the 2013 GFPA Aviation and Space camp; and Camp Co-ordinator for the 2014 GFPA Aviation and Space camp.



## LERATO CHAPPIE AKA CHAPPIE/BUBBLES

**In her own words:** "Wow - life is full of surprises! When I was born, my parents never, not even in their wildest dreams, thought that their little girl would one day be flying planes, but I must say it was a nice surprise for them.

I was born and bred in the East Rand, Tsakane. I matriculated in 2008 at Hoerskool Voortrekker, and in 2009 began my journey to becoming an aviator. It was on 3 February 2009, when I went for my introductory flight, I remember that day vividly, I was filled with fear (fear of the unknown), and yet so excited to be taking the first step to making my dream a reality. On that flight, I saw flashes of my future life: being a Captain on a Boeing 777, flying high, I was smiling from ear-to-ear, that flight was a confirmation of my destiny.

Initially when I started my training at the South African Flight Training Academy ("SAFTA"), my parents were paying for my fees and, as life would happen, my parents ran into financial problems. So, just like every other pilot, finances for my fees was my biggest challenge. I was grounded (training stopped) for about 8 months until



# THE PLANNING TEAM

SAFTA gave me an opportunity to be their cadet, work in operations with remuneration of just 4 hours a month. With 4 hours a month wages, my training was extremely slow, but I made it work, and I acquired my CPL on 25 October 2011. I was then fortunate enough to be employed at ExecuJet Aviation Group as a flight-line co-ordinator from 2011 to 2013. From January 2014 to-date, I am an SA Express Mach 2 cadet, and currently studying an instructors course."



**BONGEKILE MTLOKWA**

**In her own words:** "I attended school in the township of Mamelodi in Johannesburg. I joined the CAA eleven years ago after working for SOS Children's Home (an NGO for orphans and abandoned children), and a public relations company before that. I am a Marketing graduate and hold Management Certificates from UNISA, and am currently studying towards my Bachelor's Degree in Information Science, also with UNISA. I have other Diploma's in Project Management, and Events and Exhibitions Organising.

I am passionate about aviation and education. I studied basic aircraft accident investigation, civil aviation statistics and general data analysis. I hold a Train-the-Trainer certificate, and aviation safety management systems and other programmes. I am currently working as a safety management systems coordinator. I worked as a senior researcher at the CAA. I obviously love making a difference, especially to girls and women. I believe that women can be self-sufficient, given the right knowledge and skills. My future plans and wishes are to empower girls in the rural villages to be self-sufficient through skills development, and reading, in particular."



**MOLEFE DANIEL RALEFETA**

Molefe is an IT specialist, trainer and aviator, who is highly commended in the Government ICT strategic development for political bearers and civil servants alike. His IT skills are being concurrently utilised with SITA's key projects to ensure maximum input into the uplifting of ICT skills for previously disadvantaged individuals ("PDI") communities through the CSR developments, GovTech and other strategic exhibitions.

He is also personally involved in the empowerment of PDI youth, as chairman of the Aero Club of South Africa Transformation and Development team, overseeing the grooming of aviation enthusiast through model flying, glider pilot training and the achievement of a private pilot license. He has attained a network of significant role players in the IT and aviation industry, and gives back to the communities through the use of those networks.



**CHRISNEY SEREPA**

**In her own words:** "I am currently a Corporate Social Responsibility ("CSR") operational administrator for SITA's marketing and communications department. I obtained a BA degree in Human Resource Management, and am currently studying toward a BA degree in Communication Science. I work with NGOs and schools, and am also responsible for managing and co-ordinating SITA's Techno Girl Programme (job shadowing for girls). Prior to working in CSR, I was employed as a project administrator working on the IFMS Project.

I joined SITA in 2009 as an intern, and have never looked back - loving the opportunities presented to me. My motto in life: "Never stop learning, grab every tiny opportunity you get, and never let go of your dreams."



**PETER KEKANA**

Peter is an airline pilot and First Officer at Arik Air in Nigeria. He was born and educated in Soweto. Before he started flying, he worked on the ground as a Customer Service Agent for British Airways/Comair. In 2004, Peter was accepted into the SAA Cadet Pilot Programme. He started his flying training at 43 Air School in Port Alfred, South Africa and qualified with a Frozen ATPL in August 2005.

In March 2006, Peter took his first job as a co-pilot for Solenta Aviation flying the Cessna Grand Caravan. In September 2007, he relocated to Lagos, Nigeria to work for Overland Airways as a First Officer on the Beechcraft 1900D. Peter is passionate about aviation, education and empowerment.

# THE PLANNING TEAM



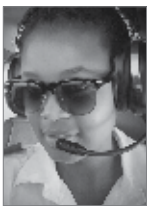
## LAURIAN MILES

**In her own words:** "I am a design, marketing and communication professional specialising in graphic and digital design; research and analysis; writing, editing and proofreading; content and e-marketing; website design and development; and online learning. I have years of knowledge, skill and experience from working and training in a variety of industries, including: business and finance information research, education publishing and project management (distance learning), marketing, IT, communication, graphic design, and web design and development.

I studied towards a BA degree majoring in Drama (Acting and Design) and English at Rhodes University from 1989 to 1991. In 1989, I was the recipient of a Garment Worker's Union Education Bursary to further my undergraduate studies. In 2006, I graduated from the University of Cape Town's Graduate School of Business with a Postgraduate Diploma in Business Management Practice (with distinctions in Marketing, Management Leadership and Managing People in Organisations).

From December 2010 to May 2013, I served as the SAWIA Marketing Executive and on the Board of Advisors respectively. To-date I serve SAWIA both as a volunteer and contractor, providing the following services: graphic and website design, development and maintenance, multiple-platform branding, e-publishing, digital and social media marketing, marketing material, and the annual reports (2012, 2013 and 2014).

I am currently the owner of *m a n t a r a y* design studio, which I started in July 2009. I am passionate about human rights, gender equality, education, entrepreneurship, technology, design, music and open-source software."



## TINTSWALO GRACE MBOKOTA

Grace was born in Soweto and matriculated in 2007 from the National School of the Arts. She studied for a year towards a BSC at the University of Pretoria, and left to pursue her dream of being a pilot. She started flying in 2009 through SAFTA, and completed her PPL.

SAWIA assisted Grace to approach the National Skills Fund for sponsorship to pursue her aviation dreams. She moved to George Flight Training College and completed her CPL in 2012. She is currently a member of the SAA Cadet Pilot Programme. She is passionate about outdoor activities, and is a talented musician who plays the piano and violin.



# THE MENTORS



## CAPTAIN MARGIE VILJOEN

Captain Margie Viljoen matriculated from Sandringham High School in 1984, and in 1987 started work as a charter co-ordinator for National Airways Corporation. It was during this time that she decided that she would rather be flying, and in January 1988 she started her PPL at the East Rand Flying Club in Springs.

She passed her PPL test in June 1989, and passed the Commercial Licence theory exams in October 1989. In December 1989, South African Airways ("SAA") advertised for candidates for their very first Cadet Pilot Training scheme. Margaret applied, and was one of 10 successful candidates. She completed her CPL training with SAA in September 1990, and was then offered her first job flying King Air 200s for National Airlines on their scheduled services, eventually moving over to the charter section of National Airways to fly Barons and King Air 200s. In March 1996 Margaret joined Comair as a First Officer on ATR42s, moving over to the right hand seat of the Boeing 727-200 in September 1997.

In March 2000, Margaret was offered her Command on Boeing 727s. The B727s were retired from service in 2003, and she moved over to the Boeing 737 fleet. At much the same time, Margaret was appointed as a Check Captain for Comair.

During this time Margaret served on the Committee of the Comair Pilots' Association ("CPA"), becoming Chairman of the association in August 2004. Margaret was also awarded the first FEDUSA Woman of the Year award in 2003. In early 2006, a seat on the National Executive Committee of Airline Pilots' Association South Africa became vacant, and Margaret was elected to the position, ending her term as Chairman of the CPA.

Margaret has been involved with the Critical Incident Response Programme with ALPA for some years, and recently represented ALPA during the Civil Aviation Authority's publicity programme, to raise awareness amongst the general public about the use and misuse of laser pointers. Margaret has worked closely with the Civil Aviation Authority on other projects, namely assisting on the sub-committee tasked with rewriting the regulations, and serving as a panel member of the Aeromedical Committee from 2010 to 2012. In October 2013, Margaret was elected as Vice-President of ALPA-SA, the first woman in its history.



## ROSWITHA BECKER

Roswitha Becker, General Manager of Global Load Control, has been awarded the Business Woman of the Year 2014. She has the distinction of being the youngest and the first woman in aviation to be awarded. Her Leadership lesson: As women we often suffer from a "fraud complex". Don't be passive about that. Believe in yourself. Don't wait to be discovered – create your own success story.

Global Load Control is a company of Lufthansa German Airline. Jill Bogie has described Roswitha as a "visionary leader" with a very philosophical approach to business leadership, and Professor Arnold Smit referred to her as "a leader with vision and courage". An accomplished expert in change management, organisational design, development, and leadership, some would not be shy to describe her as "a positioning guru extraordinaire".

Roswitha launched her career in the aviation industry at the tender age of 21. From a junior position at Lufthansa Global Load Control, as a load control agent whose main responsibility was to calculate the centre of gravity for aircrafts to ensure safe takeoff and landing. She now offers a young history of success spearheading all facets when navigating the politics, cultural diversity and complexities inherent in a large global organization, in order to secure what's best for the organization and people that she leads. By applying strong business acumen, systems acuity, exceptional leadership talents, Roswitha is very much at home inspiring others to action and maintaining excellence as the only standard. She has served as the General Manager for GLC for a period of six years, where her main responsibilities are in providing the overall leadership and management for the organisation in its entirety. Dating back to 2004, Roswitha's career has focused primarily on the business interests, and the long term strategies in order to build the sustainability of GLC's activities as a network. She is now considered one of

# THE MENTORS

the foremost experts in the aviation industry, having successfully led GLC through developing the network, starting with the centre in Cape Town and following with the ones in Brno and Istanbul.

Her philosophy has always been to believe in yourself, your dreams, and strive to make a difference in the lives of others through knowledge and wisdom. She spends a considerable amount of time mentoring young women, particularly regarding building authentic success, believing while its clear women can lead; the challenge now lies in demonstrating unique feminine leadership. Her success lies in her dedication to high standards, investing in others and building strong teams. "It's also important to maintain a balance between work and private life. Remember: it's a marathon, not a sprint," she says.

Roswitha's academic background includes a Bachelor of Law ("LLB") from the University of South Africa, with Interest in and focus on International trade law. She has also completed the Senior Management Development Program, and Executive Development Programme, focusing on Strategy and Sustainability from the University of Stellenbosch Business School. Her specialities include, but are not limited to, Complexity Management, Leading and developing intercultural teams, Change Management, Business in emerging markets, Compliance and Governance, Strategic development, Innovation, and Leadership development.



## DR KGOMOTSO MOGAPI

**In her own words:** "I have been described as a workaholic, and the Star Tonight referred to me as somewhat of an overachiever at the age of 28; but that is not how I see myself. I am pretty simple. I am a dreamer and a believer. And it is my dreams that have gotten me to where I am today and continue to drive me into the future.

I have an MBCHB degree from the University of Cape Town, and have been practicing as a medical doctor in the rural hospitals of South Africa since 2006. Ironically, it has never been my dream to work in the Obstetrics and Gynaecology department, but I was thrown into it as a matter of necessity, and I grew to love it. I have always been keen on the plight of women, dreaming to make a difference in their lives, but I did not believe that the practice of medicine alone could help in that regard. So after my graduation in 2005, I registered for my LLB degree with UNISA. I must admit, I did not know exactly how that would get me to where I needed to be, but I knew that being part of those who make and review the laws that govern us would surely allow me to make a difference. My belief in this was further intensified on the numerous occasions where I would see women, abused by their husbands, admitted to the hospital, helped to recover physically, and then handed back to the very same people who abused them. Though there is an outcry about abuse and numerous laws to protect women and children, the reality for those women living in rural South Africa is very different.

I believe in the power of knowledge and education. The simple ability to read and write, which so many of us takes for granted, is so liberating and opens many doors. I am thus an avid reader and a writer. Stories inspire me, be they real, or fictional. I believe South African women have amazing stories to tell, that will liberate us and inspire us. One night in 2005, I was having difficulty sleeping. I had thoughts and ideas buzzing around non-stop in my head. The burning question on my mind was; do you really know anything about South African women? Where are these people who make the majority of the population, and what are they doing? What are their thoughts? What carries them into tomorrow when today seems impossible? That was when a new dream was born; a dream to get South African women to express themselves, to write their stories, hopefully to share them with others.

At the time, I had the honour of being involved with 15 amazing young women in Cape Town, in a journey that sought to get young women involved in partaking in the economic growth in South Africa and the empowerment of young women through a company called A'Dare. I also wanted to hear the stories of these beautiful, strong women. What drove them? How did they get to be so phenomenal? Their dreams and fears. I thus came up with a concept of I dare... to dare South Africans to dare themselves to look and reflect into the people they are. From this came journals to write one's thoughts, journey in life and dreams for the future. The first of the series of



# THE MENTORS

journals was to be I dare...the woman within, created specifically for the African women; created out of a longing to connect with fellow women, a curiosity to know them, to share the good, the hardships, the triumphs.

Only once we know what others feel, their experiences, can we understand each other; where we are coming from and in which direction we are headed. To offer our hands in help where help is needed, a shoulder where tears fall, a smile, support, shared happiness...The book aims to get women of all ages throughout South Africa ("throughout Africa") to dare to write their own stories, to share their lives, to build a nation where we know each other as sisters. But even more importantly, one gets a moment to look at oneself and ask those questions that keep us up in the night and niggles our subconscious by daylight; a moment to seek oneself."



## ANNABEL VUNDLA ("NEE. MACAULEY")

Annabel Vundla was born in Mafikeng, and was the first black female pilot, and later instructor, in the South African Airforce ("SAAF"). Her dream was ignited when her father showed her a Boeing's cockpit when she was 5 years old. After Matric, she spent a month at a chartered accountant firm, followed by a year as an assistant teacher, but neither career interested her. In 2002, she trained in a six-month instructor's ratings course in the USA.

"In the South African Air Force ("SAAF") women have advanced in careers which were previously mostly male dominated: pilots, flying instructors, navigators, load masters, flight engineers, aircraft technicians, flight line administrators, apprentices, physical training instructors, to mention but a few. After the integration of all forces, women were given the opportunity to qualify in the fields mentioned." Source: SA SOLDIER, AUGUST 2004

Annabel is currently flying as a First Officer for South African Airways.



## SIBONGILE SAMBO

Sibongile Sambo is the founder and MD of SRS Aviation, the first 100% black female-owned aviation company, that offers clients professional and personalised flight options to destinations around the world. She is a businesswoman, entrepreneur and a motivational speaker. Her life is crowned with achievements and hard work, which is evident from her education and work experience.

Sibongile holds a Bachelor of Administration from the University of Zululand; an Honours in Administration from the University of South Africa ("UNISA"); an Advanced Programme in Organisational Development from UNISA; a Marketing Certificate from the Institute of Marketing Management and a Mining Executive Preparation Programme from Wits University. She is currently studying toward a Master of Science in Management of Technology and Innovation in Aviation.

She has a strategic relationship with Women of Colour in Aviation & Aerospace in the USA and is also a member of Women in Aviation International ("WAI"). Sibongile plays a vital role in mentoring young girls and boys, and businessmen and women in Africa. She was the beneficiary of a month-long mentorship program in the USA for international businesswomen, featuring a mentorship assignment with one of Fortune magazine's Most Powerful Women: the Honourable Hillary Rodham Clinton who is one of the founders of the programme.

Sibongile is a former member of the National Small Business Advisory Council that advises the Minister of Trade and Industry on SMME's in South Africa, and advocates the interests of small business and Monitor Impact which focuses on fostering the culture of entrepreneurship in youth and women. She is a member of the think-tank of the World Entrepreneurship Forum ("WEF"), founded in France by Nicolas Sarkozy, the former State President, and EMLYON Business School. In 2007, Sibongile was named a Leader of Tomorrow by Fortune magazine. In 2008, she was featured in the World Bank's report: Doing Business: Women in Africa. In 2009, she was nominated for the Queen Victoria Memorial Award ("the International Socrates Award") by the Europe Business Assembly in London. In 2012, Sibongile was appointed as one of the Ambassadors for the World Entrepreneurship Forum.

# THE MENTORS



## DR. KEN BAUCOM

Dr. Ken Baucom is a Director at Aerospace Leadership Academy ("AERLA"). He is an American who has been involved in education in Africa for over 35 years. Some years ago he was the founder of a company which at the time had over 30,000 students per year, the largest private education body in Africa. He gave the company over to its users. He has written numerous school books, other monographs journal articles, produced educational television, and has served as the global education manager of the De Beers Diamond Corporation and its sister company, the Anglo American Corporation – at the time the worlds largest mining group. He has served as education consultant to Africa's largest corporations.

Also an academic in the United States, Dr. Baucom has taught at Radford University, the University of Hartford, the University of Georgia, the University of South Carolina, and The Citadel, the official military college of the State of South Carolina. At The Citadel Dr. Baucom taught African political systems in the Political Science Department. In South Africa Dr. Baucom has directed M.A. and Ph.D students in education at the University of the Witwatersrand in Johannesburg.

Dr. Baucom is also the founder several NGOs and of the North American International School in Pretoria, South Africa. In cooperation with industries in Africa, Ken has been involved in setting up 86 schools. Dr. Baucom came to South Africa originally to work with the Institute of Race Relations. He has worked in a number of African countries.

Profile source: <http://aerospaceleadershipacademy.com/management/>



## DR. SCOTT FIRSING

Dr. Scott Firsing is a Director at AERLA. He also serves as a director at the North American International School, as an Adjunct Research Fellow at Monash University, and as a Fellow at the Institute for Global Dialogue based at the University of South Africa. Dr Firsing is a former Senior Lecturer and Head of the International Studies department at Monash, and also a former executive at the Africa's largest privately owned defense/aerospace company Paramount Group.

Dr Firsing is passionate about the youth and leadership. In 2011, he founded the African NGO, Young People in International Affairs. In 2012, the London School of Economics and Political Science ("LSE") selected Dr Firsing as an African leader and he subsequently attended intensive leadership training in the UK.

Overall, he has won numerous awards in research, teaching and community engagement, and frequently contributes analysis on education and the international relations of Africa to global media such as Al-Jazeera, Associated Press, British Broadcasting Corporation ("BBC"), CNBC Africa and others.

Profile source: <http://aerospaceleadershipacademy.com/management/>



## ANGELA DEH

Angela Deh defines the substance of a Fashion and Beauty Professional with over 30 years experience both local and international. Angela has earned her prominence through a career that has taken her across the full gambit of the Fashion and Beauty industry as a successful international model and actress to her current status as a leading Image Consultant and Beauty Professional providing casting assistance, professional hair & makeup and wardrobe styling services.

Angela consults to a dynamic array of corporates, media houses, model agencies, celebrities and "individuals" yearning to define their personal brand.

Angela's career highlights include: a regular guest speaker on Noleen 3Talk; Tsogo Sun Stylist 2009 to present; Presenter/Judge on South African Supermodels 2005, 2006, and 2007; two seasons as a Makeup Expert on Face 2 Face, an SABC2 make-over show; Dove Real Women's campaign Beauty Expert; Singer, John Legend's, personal stylist; appointed to manage the image of L'Oreal's spokeswoman, Terry Pheto, in addition to an unending, star-laced, rolodex of domestic and international celebrities.





## ABOUT THE AERO CLUB OF SOUTH AFRICA

The **Aero Club of South Africa** is the national federation for sport and recreational aviation. The ethos of the Club is to promote Sport Aviation by:

- \* Encouraging the hosting of events, and by coordinating single and multi-disciplinary activities.
- \* Creating awareness of aviation safety through mutual care.
- \* Designing initiatives to focus on the development and transformation of Sport Aviation.
- \* Acknowledging the efforts of those members who contribute to the promotion of Sport Aviation.
- \* Maintaining and upholding the rights and privileges of its members through the various disciplines of flight.
- \* Preserving all forms of free flight and safeguarding our right to share the South African Skies.
- \* Monitoring and developing legislation through partnerships and in consultation with the authorities regarding the use of airspace, legislative requirements, aircraft registration and medical regulation to name a few.
- \* Protecting the rights of all members and sections from oppressive requirements or restrictions from aviation authorities and other bodies.



### GIFT KGADIMA

Gift is the Aeroclub's Transformation and Development Team Leader.

### JOSEPH LEBITSA

Joseph is the Aeroclub's Transformation and Development Project Planner.

### ELIJAH RAKOMA

Elijah is the Aeroclub's Transformation and Development Project Support.

Right to left: Gift, Elijah and Joseph

# THE VOLUNTEERS



### NOKUBONGA KHUMALO

Nokubonga has a degree in Civil Engineering, is a SAA Cadet Pilot, and currently a commercial pilot student at 43 Airschool. She would one day like to fly for a major commercial airline.



### ITUMELENG MOKOENA

Itumeleng is a 2<sup>nd</sup> year student studying non-destructive testing, and aspires to be an Airline Pilot.



### RUDI BOTHA

Rudi has a degree in Civil Engineering from UCT, and is currently studying for a Masters in Civil Engineering. She has a Private Pilot License ("PPL") for helicopters, and is working toward her Commercial Pilot Licence ("CPL"). Rudi aspires to fly rescue helicopters.



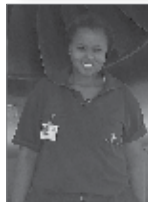
### TARIYE ORIANZI

Tariye is currently a PPL student, and would like to introduce a similar programme as SAWIA and GFPA in Nigeria.



### KHATOCHELO MAAPOLA

Khatochelo is currently studying Actuarial Science at Wits University, and aspires to own and operate an aviation management company.



### THOBEKILE LUTHULI

Thobekile is an apprentice at SAA Technical, and aspires to become a qualified aircraft technician.



### MULALO NELUHENI

Mulalo is an apprentice at SAA Technical, and aspires to become a qualified aircraft structural engineer.



### BOITUMELO MOLOTE

Boitumelo Molote is a phenomenal woman, she is a founder and Managing Director of Tumination Communications, a development company specialising in motivational and inspirational lectures; goal-setting workshops and seminars for girls and young women; and the coaching and mentoring of young people. Her objective is to motivate, empower, train and send young people out into the world on their mission.



### TUMI KATISI

Tumi was a 2013 Camp volunteer, is currently a CPL student, and aspires to be an Airline Pilot.



### JESSICA VAN DER MERWE

Jessica was a 2013 camper, is currently a PPL student, and aspires to be an Airline Pilot.



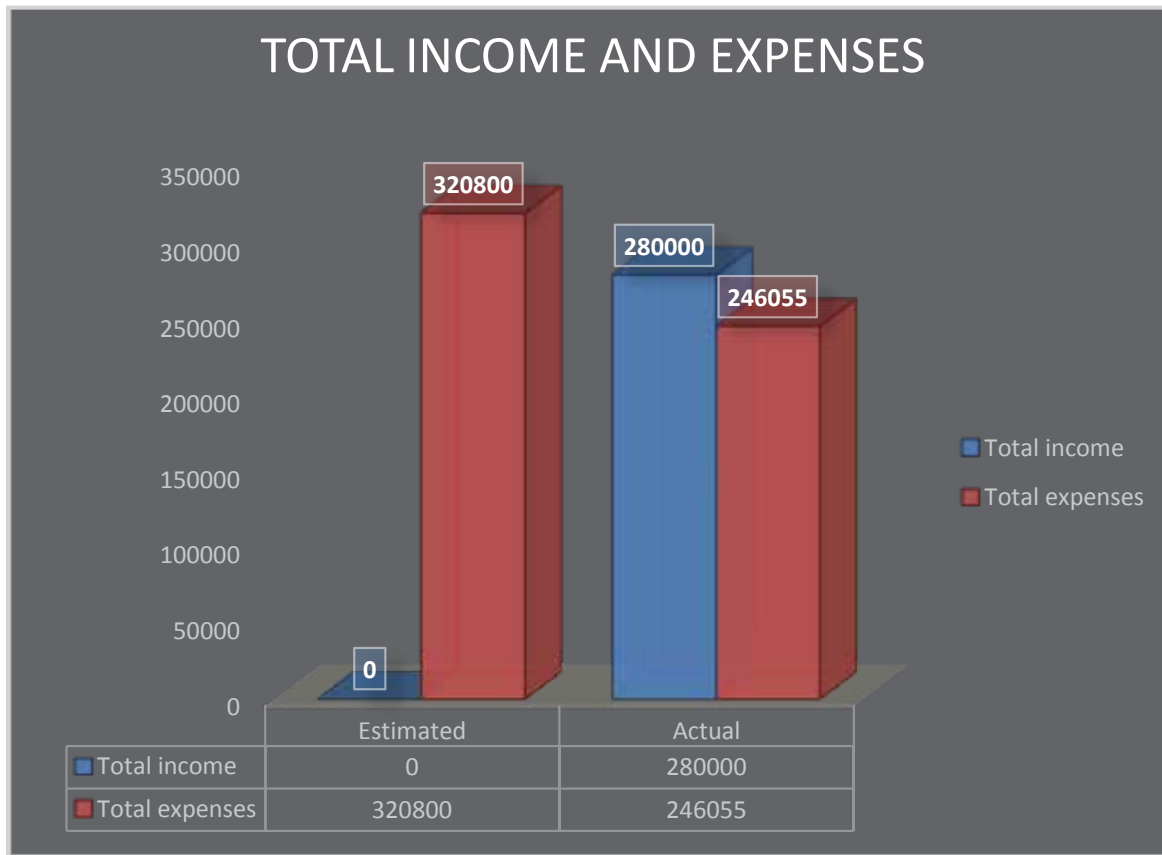
## INCOME &amp; EXPENSES

CURRENCY: South African Rand

INCOME	AMOUNT
Income and Donations	280 000
<b>TOTAL INCOME</b>	<b>280 000</b>

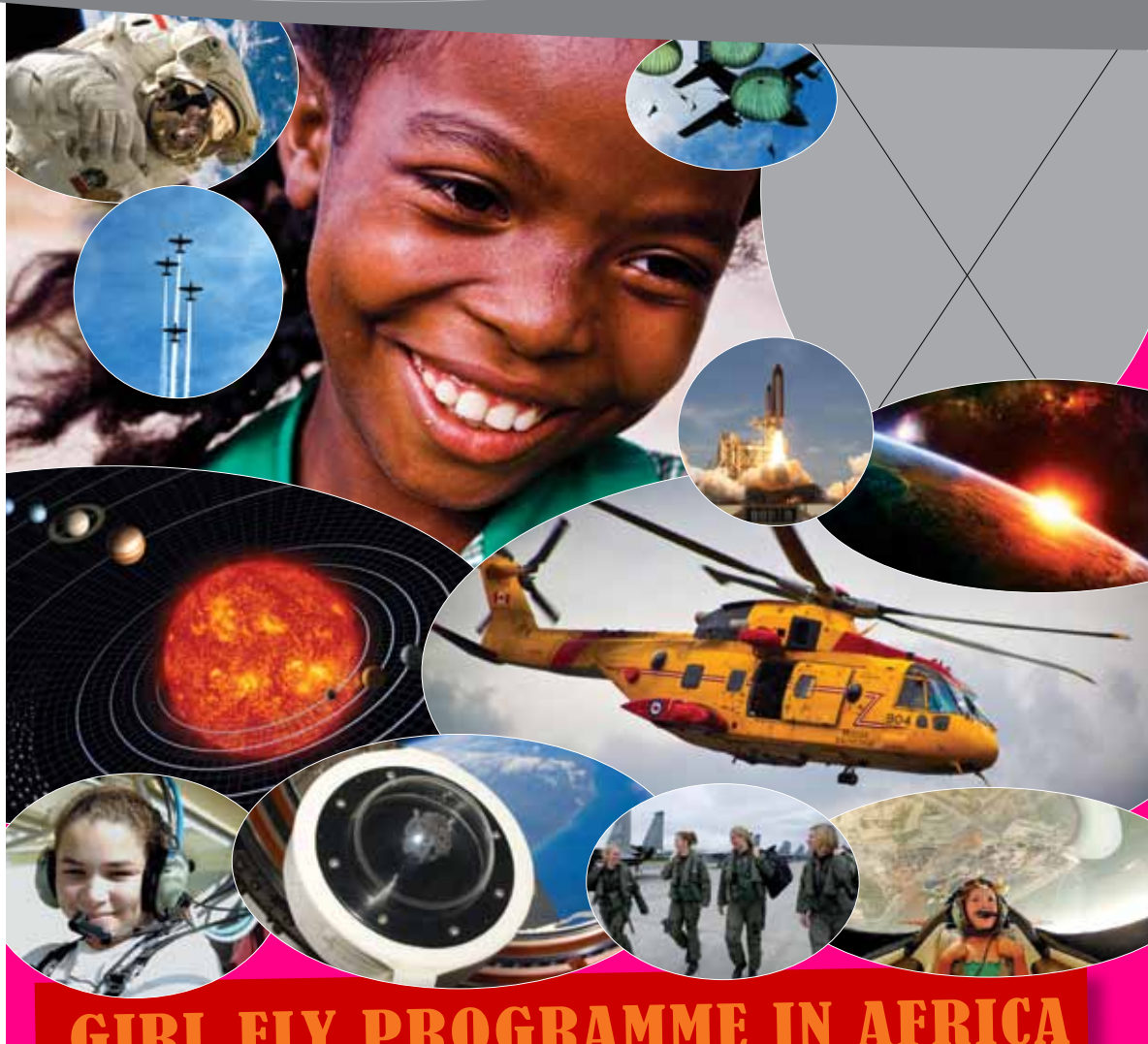
EXPENSES	ESTIMATED	ACTUAL
Accommodation Konka Adventure Camp	220 000	163 064
<b>Total Accommodation</b>	<b>220 000</b>	<b>163 064</b>
Transport 2 x Buses Airport Shuttle Konka Shuttle Airport Taxes (Mango Airlines) Kimberley Shuttle	0 5 000 0 0 0	51 332 1 900 1 000 3 909 12 600
<b>Total Transport</b>	<b>5 000</b>	<b>70 741</b>
Marketing, Printing & Other Photocopying & Printing Other	1 000 5 000	0 5 000
<b>Total Marketing, Printing &amp; Other</b>	<b>6 000</b>	<b>5 000</b>
Promotional Items & Merchandise Golf t-shirts Round t-shirts Bags Caps	18 000 12 000 12 000 7 200	0 0 0 0
<b>Total Promotional Items &amp; Merchandise</b>	<b>49 200</b>	<b>0</b>
Refreshments Food	0	550
<b>Total Refreshments</b>	<b>0</b>	<b>550</b>
Camp Programme Model Aircrafts SANSa visit Learner pack & stationary Volunteer pack Camp Banquet Award Ceremony Dinner Flight Simulator Programme Certificates & Awards	0 3 600 10 000 1 000 24 000 0 2 000	6 300 0 0 0 0 400 0
<b>Total Camp Programme</b>	<b>40 600</b>	<b>6 700</b>
<b>TOTAL EXPENSES</b>	<b>320 800</b>	<b>246 055</b>

# PROFIT & LOSS SUMMARY



EXPENSES	ESTIMATED	ACTUAL
Total Income & Donations	0	280 000
Total Expenses	320 800	246 055
<b>TOTAL PROFIT (or LOSS)</b>	<b>(320 800)</b>	<b>33 945</b>





**GIRL FLY PROGRAMME IN AFRICA**  
**AVIATION & SPACE ANNUAL CAMP**

**2015**



**SAWIA**

SOUTHERN AFRICAN WOMEN IN AVIATION & AEROSPACE INDUSTRY  
GIRL FLY PROGRAMME IN AFRICA

# AVIATION, SPACE, TECHNOLOGY & INNOVATION WEEK

## GRADE 12

IMAGE SOURCE: NASA





