



# SAFETY FIRST AVIATOR



**Annelie Reynolds**

*Show Director: Aero South Africa*

**Welcome**



**Franz Smit**

MD:PilotInsure

# Introduction

# Agenda

- Aero South Africa Welcome and Introduction
- Speaker session: Cobus Toerien – Prop Clear
- Speaker session: Carl Bollweg - IFALPA & ALPA-SA
- Speaker session: Santjie White – Search and Rescue
- Speaker session: Damon Brown – Mayday SA
- Speaker session: Lauren Smith – Weather
- Speaker session: Neil de Lange – GA Safety Strategy
- Q&A
- Closing



# PANELISTS



**Cobus Toerien**

ALPA-SA



**Santjie White**

SASAR



**Damon Brown**

MAYDAY SA



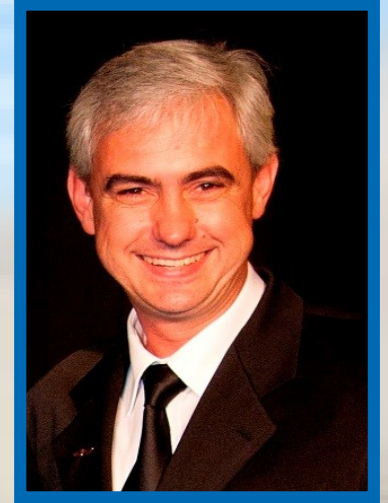
**Lauren Smith**

SA WEATHER SERVICES



**Carl Bollweg**

ALPA-SA



**Neil de Lange**

SACAA



# Cobus Toerien

ALPA-SA

## TOPIC – PROP CLEAR

# SAFETY FIRST AVIATOR CAMPAIGN 2020



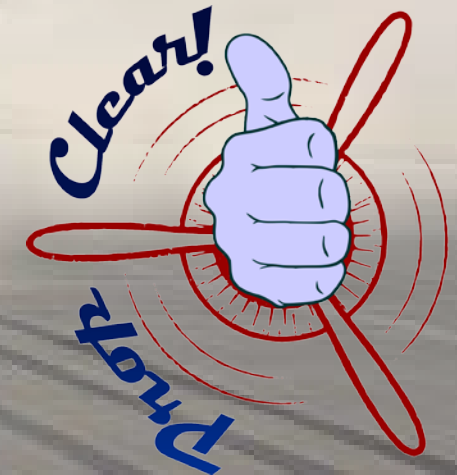
**PROP CLEAR!!!**



# History since 2013



## Normalisation of Deviance

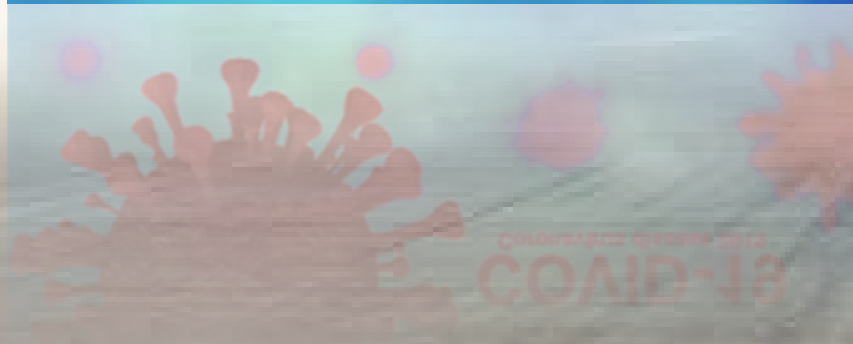
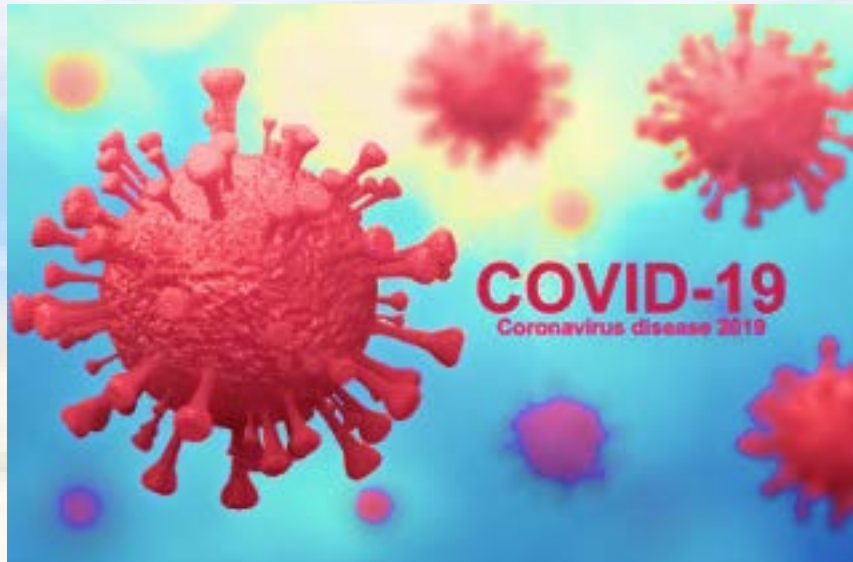




# Proudly Supported by:



# The "New Normal"



# What has changed?

1. Everything is different!
2. We have not flown in a long time.
3. We do not fly as much as usual.
4. We have a lot on our minds.
5. The Environment is different too.
6. The psychological effect from COVID.
7. Morale - job losses, etc.
8. The way we communicate – Zoom?





# Resilience





# Any Questions?



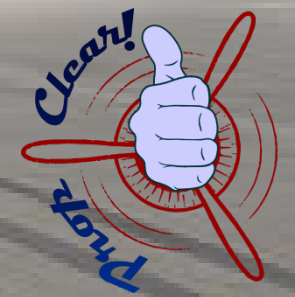


# Carl Bollweg

ALPA-SA

## IFALPA & ALPA-SA





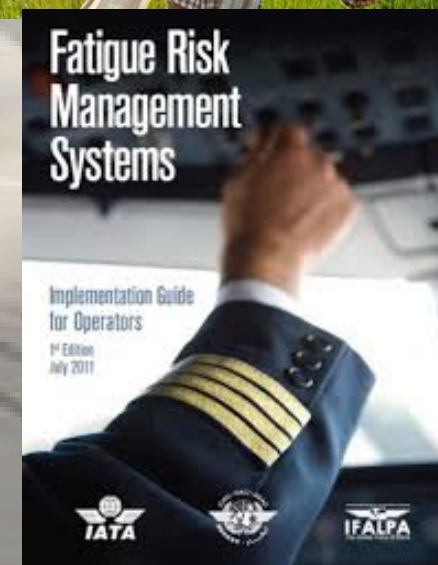
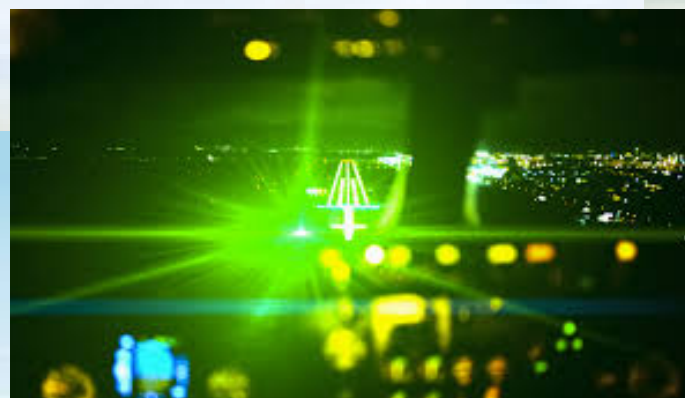
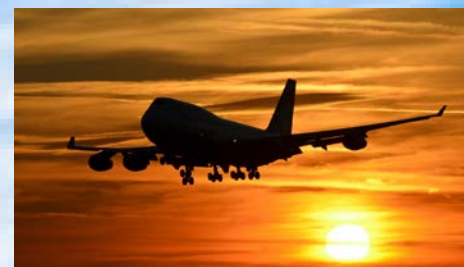
The Mission of IFALPA is to promote the highest level of aviation safety worldwide and to be the global advocate of the pilot profession; providing representation, services and support to both our members and the aviation industry.





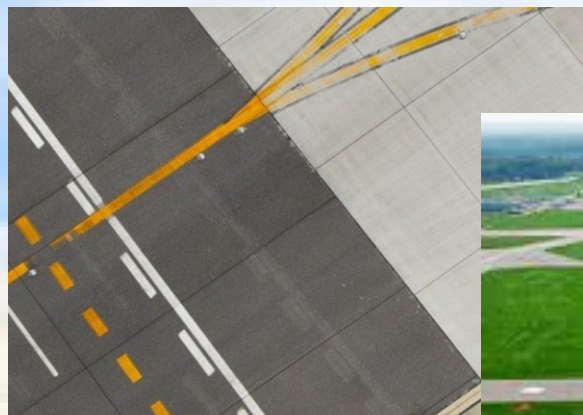


# HUPER Committee





# AGE Committee





# Santjie White

SASAR

## SEARCH AND RESCUE

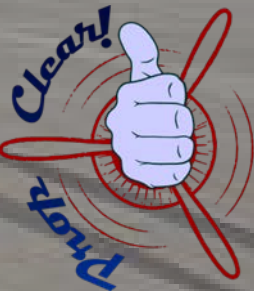




# SASAR

## South African Search and Rescue

JOINING HANDS SO OTHERS MAY LIVE





# WHAT DRIVES OUR MANDATE

ICAO ANNEX 12

ICAO IAMSAR Volumes 1 - 3

The South African Maritime and Aeronautical Search and Rescue Act. 44 of 2002 as amended.

The South African Aeronautical and Maritime Regulations 2016.

SASAR Policy Manual.

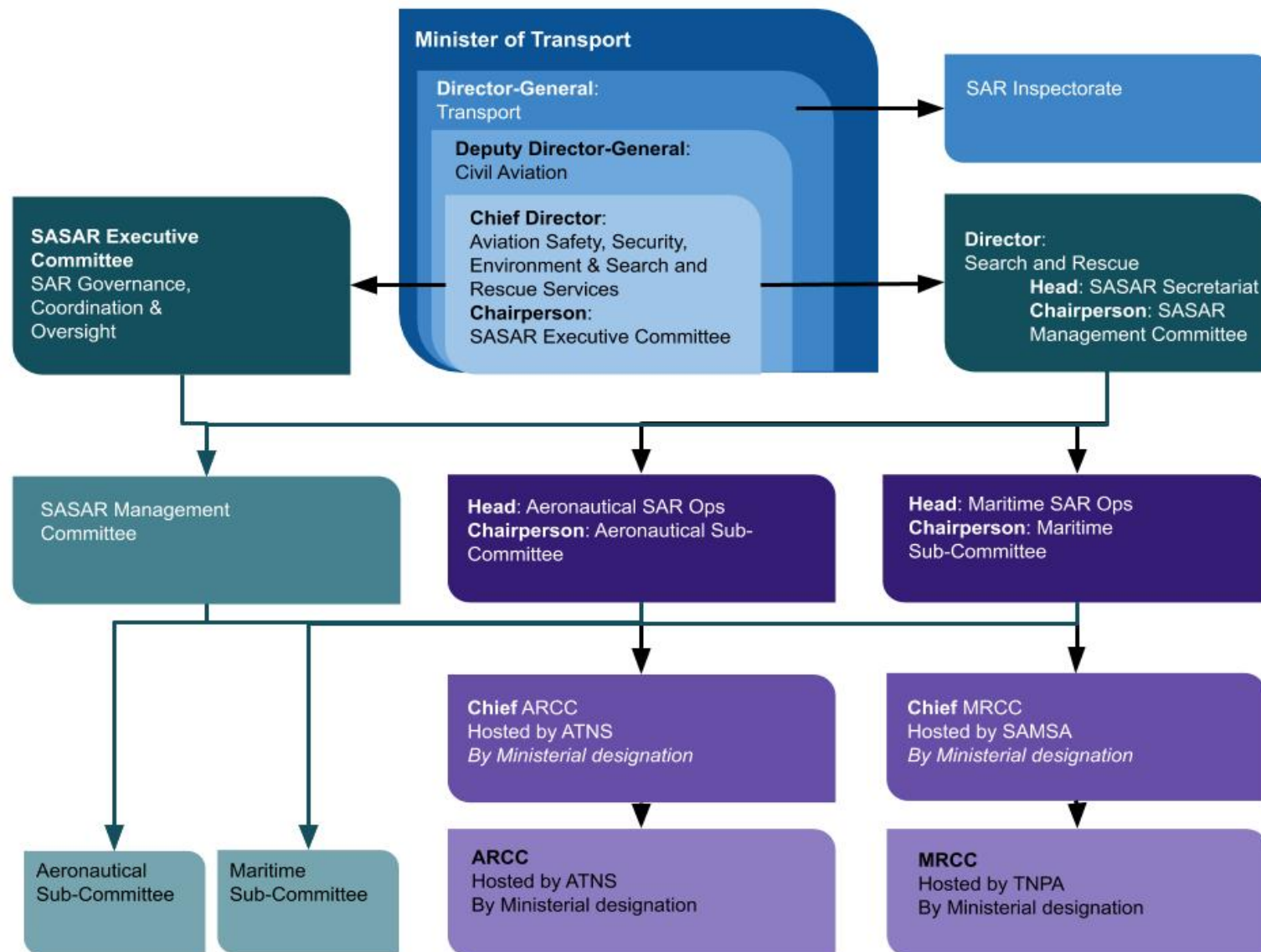
ARCC/MRCC Plan

MOU'S between DOT/SASAR and SAR Units

Bilateral Agreements between States



# HOW DO WE DRIVE OUR MANDATE



# WHAT DO WE DO



The Aeronautical Rescue Coordination Centre (ARCC)  
Johannesburg is responsible :

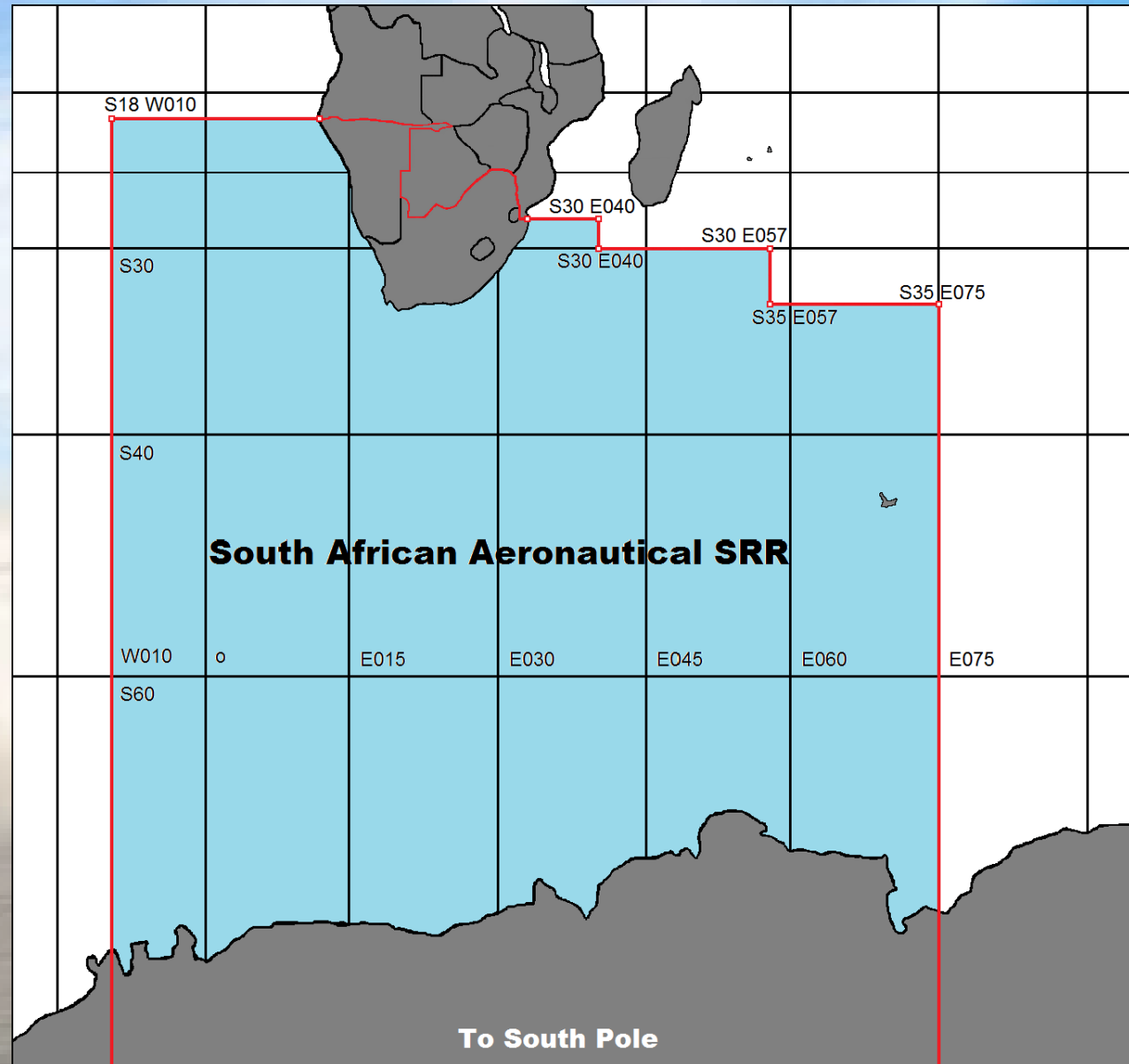
For coordinating search and rescue operations for missing  
aircraft, forced landings and aircraft crashes within the  
Aeronautical SRR under South African jurisdiction.

The ARCC Johannesburg must be alerted of all aircraft with  
in-flight emergencies, for which they will monitor the progress  
and action with relevant SAR response where required.





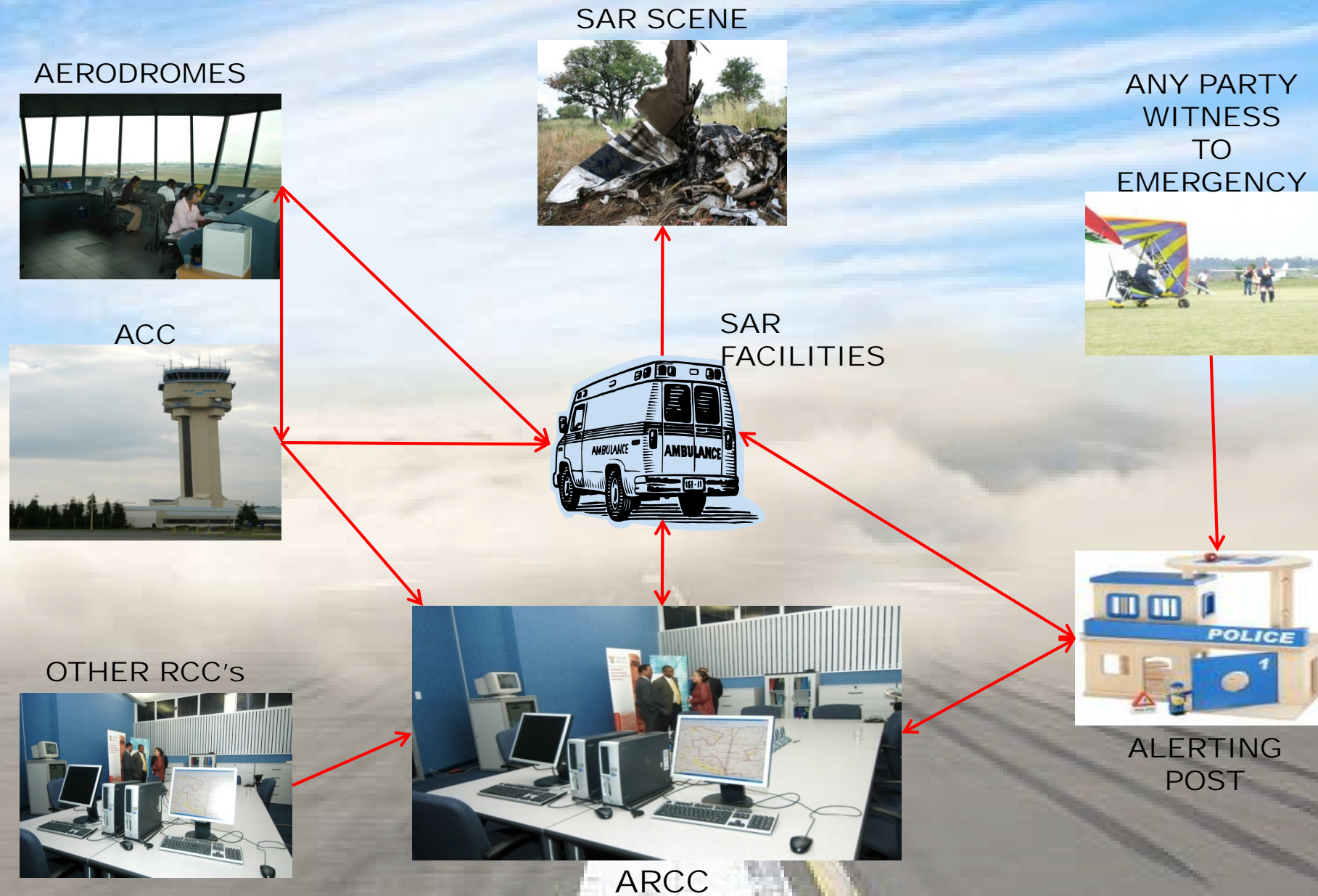
# WHERE TO WE DO IT



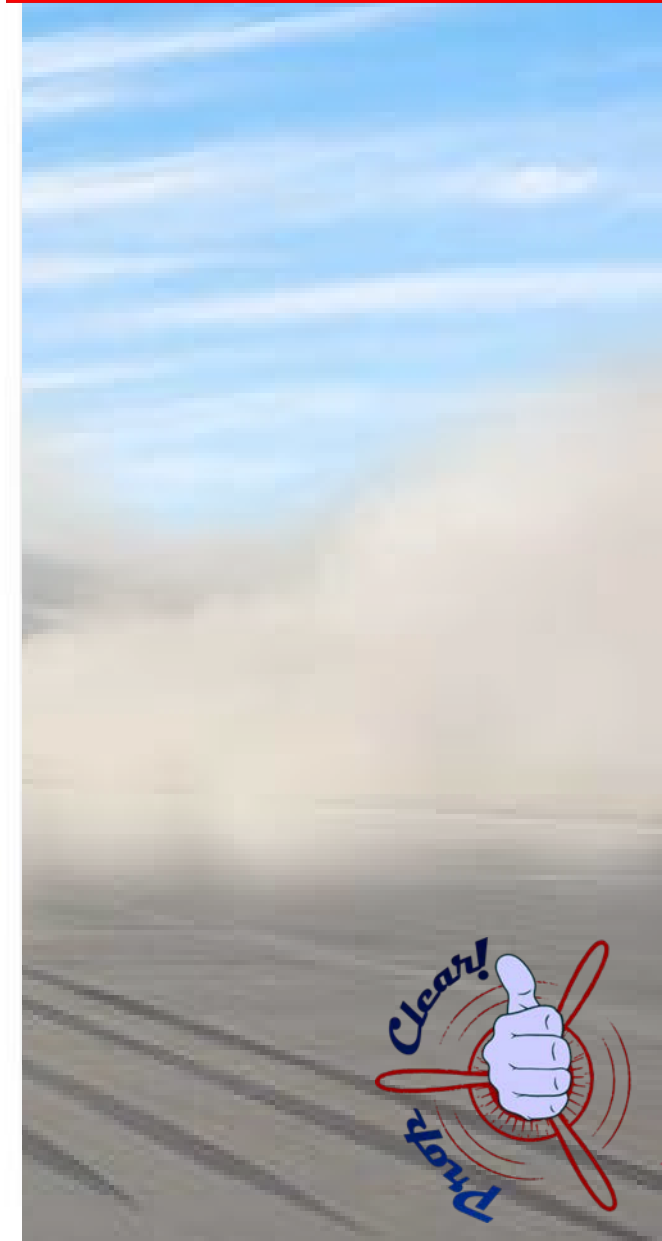
# OUR SERVICE PROVIDERS



# BROAD OUTLINE OF ALERTING MACHINERY









# Damon Brown

MAYDAY SA

# MAYDAY SA



# Lauren Smith

SA WEATHER SERVICES

# WEATHER

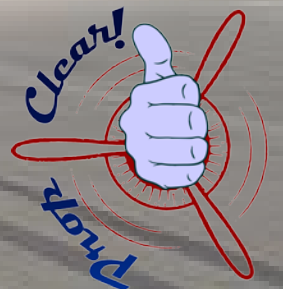


# "Capacity to recover quickly from difficulties; toughness"....

- We came to a stand still... But did the Weather?
- Only constant is change
- Weather conditions are constantly changing and may result in rough and tough situations



# Weather Hazards:



# Unseen:

- CB = Every hazard under one umbrella

Moderate-Severe Icing

Small-Large hail

Moderate-Severe turbulence

Poor Visibility

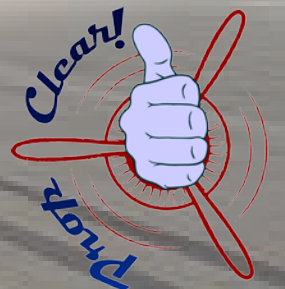
Lightning

Tornados

Light-Heavy precipitation

Downdrafts

- Turbulence! 6 Types  
How to recover?





# Turbulence:

\*Wake Vortex

\*Mountain Waves

\*Turbulence due to Convection

\*Low Level Wind Shear

\*Low Level Jet


\*CAT



# Aviation Website & Other Models

- Aviation Website - What is available for you  
How interpret the given information

- WindyTV - ECMWF & GFS



**South African Weather Service**  
ISO 9001 Certified Organisation

**Aviation Weather Center**  
designated Aeronautical Meteorological Authority for South Africa

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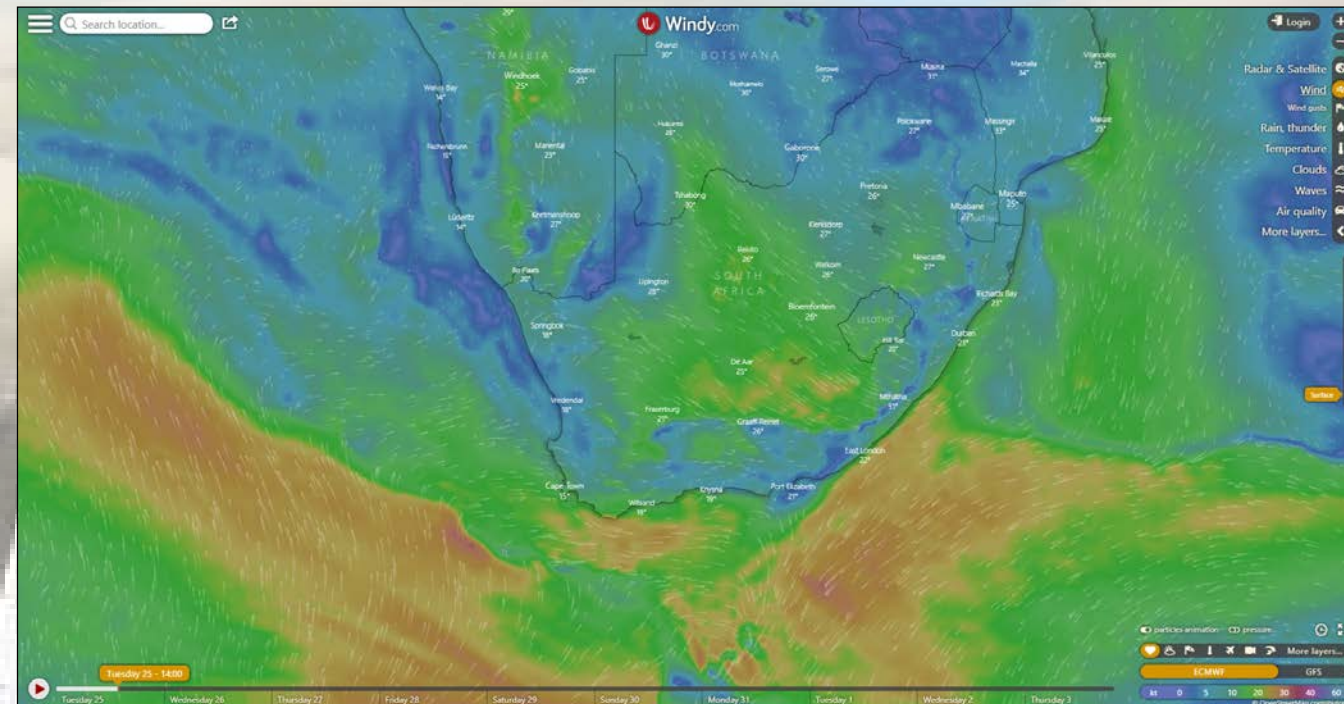
## Aviation Login

**Username**

**Password**

Usernames and passwords are case-sensitive!

[Forgot your password?](#)





**Neil de Lange**

**SACAA-General Aviation**

**GA SAFETY STRATEGY**



SOUTH AFRICAN



CIVIL AVIATION  
AUTHORITY

*Keeping you safe in the sky*



# GENERAL AVIATION **SAFETY STRATEGY** **WEBINAR**

**11** SEPTEMBER  
2020



10h00 – 13h00



Mojele Mogale  
mogalem@caa.co.za

The Director of Civil Aviation invites members of the General Aviation industry to attend the webinar, during which the SACAA will be presenting the General Aviation Safety Strategy and inviting industry participation to collaborate in the implementation of the strategy.



**CLICK HERE TO JOIN  
THE WEBINAR**

[www.caa.co.za](http://www.caa.co.za)

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South African Civil Aviation Authority – SACAA

The background of the slide is a bright blue sky filled with soft, white, fluffy clouds. The clouds are scattered across the frame, with some appearing more prominent than others. The overall tone is light and airy.

**Q&A**



THANK YOU

