

# Aviation Meteorological Forecaster Competency 3

## Warn of Hazardous Weather Phenomena

### AMF AC 3.1.2 and 3.2

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# AIM OF THIS PRESENTATION

Before starting this practical AMF task presentation, review the following theory presentation:

Add Turbulence presentation

RTC-PRE-085 AMF AC 3.2 Warn of Hazardous Phenomena Formats

At the end of this presentation, you will be able to:

- **Issue** warning/s for low level wind shear and use it to demonstrate competency in AMF AC 3.1.2
- **Compile** warning/s for low level wind shear in the correct format AMF AC 3.2



# Introduction

- Example Task for Case Study 20 Oct 2018:

Issue any **low-level wind shear (AMF AC 3.1.3) warning/s** for any of the main aerodromes, if necessary.

Need to monitor AMDAR data and low level wind profiles from NWP for the main aerodromes

Consider the skew t diagrams on UM model.

See examples in RTC-PRE-085

[http://cyclone-web.saws.co.za/UM\\_archived/RTC\\_SA4\\_20181020/view\\_images.html](http://cyclone-web.saws.co.za/UM_archived/RTC_SA4_20181020/view_images.html)



# References

- Latest edition of RTC-CN-020 Aviation Practical Course Notes
- RTC-PRE-085 AMF AC 3.2 Warn of Hazardous Phenomena Formats

