



*ARMA SCRUTINY GROUP*

*AIAG 16*

*Sandton 6-7 March 2019*

# ARMA SCRUTINY GROUP

→ RMA's are required to have an official Scrutiny Group (ICAO Doc 9937 Appendix K)

→ ARMA Scrutiny Group has three tiers:

→ Tactical Action Group (TAG)

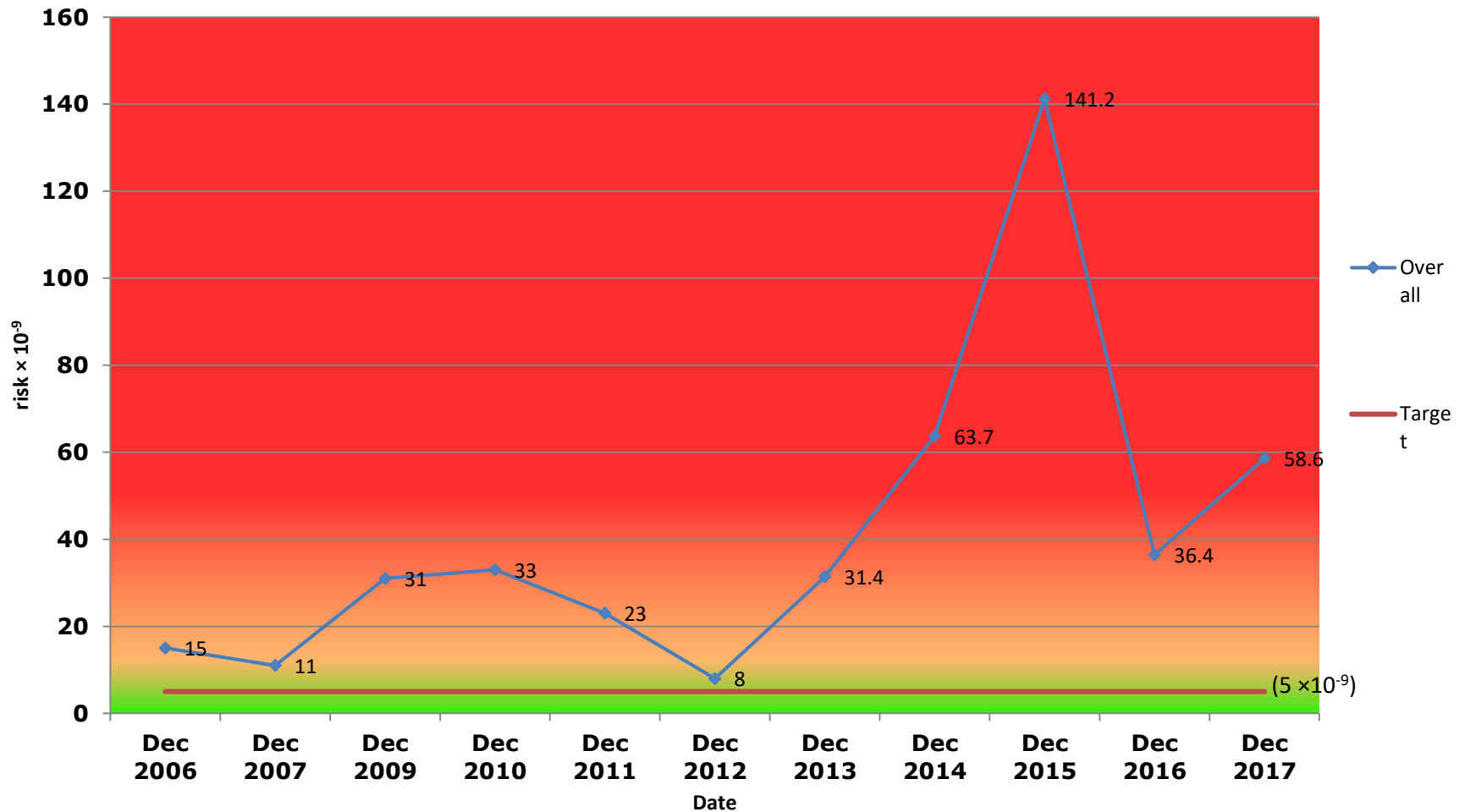
→ AIAG

→ ARMA and Mathematician Internal Process of analysis, evaluation and categorisation for the CRA

→ The process meets the Scrutiny Group requirement

# AFI CRA 12 2017

## Overall Collision Risk Assessment



# WHAT CAUSED THE INCREASE

Combined effect of increases in the probabilities of vertical overlap due to improper flight level crossings and flying at wrong flight levels.

The implementation and use of the ICAO Strategic Lateral Offset Procedure (SLOP) within AFI should be encouraged, where applicable, to counteract the adverse effect of very accurate GNSS navigation on vertical collision risk.

The safety benefits of the SLOP were not worked into CRA 12 2017 as the implementation of the SLOP has not been completed in AFI Region.

There remain several factors that require the estimate of the total vertical collision risk to be treated with caution. The estimate is most likely affected by under-reporting of vertical events involving large height deviations. Continued efforts to bring the total vertical risk further down to below the total vertical TLS and to improve the event reporting in AFI must be sustained

