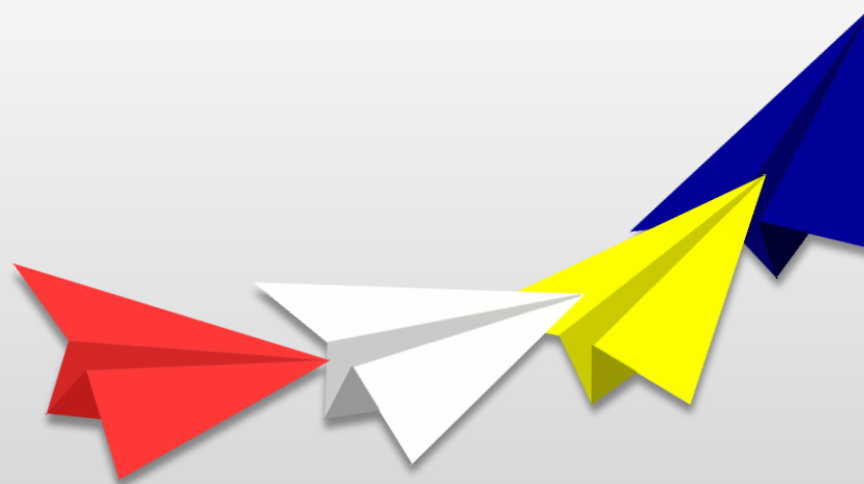


# Panel 2 – SSP Scope



What is SSP?  
What risks should my SSP address?



Presented by  
**Siew-Huang TAY**  
Director, Air Traffic Inspectorate

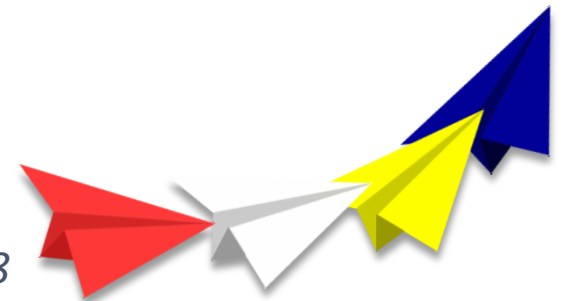
# Four components of a State Safety programme

- Comp. 1 - Safety policy and objective and resources
- Comp. 2 - Safety risk management
- Comp. 3 - Safety assurance
- Comp. 4 - Safety promotion

Included in SSP framework, the 4 components above, and elements in each component



*ICAO Regional Safety Management Symposium, Singapore 23 April 2018*



# Aviation activities that are addressed by the SSP

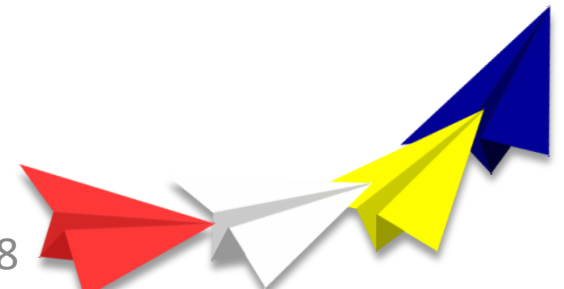
<p>Activities addressed in Annex 19 SMS applicability: ATOs, ac oprs, AMOs, ANS providers, AGA &amp; GA oprs</p>	<p>AOC operators; ATOs - flying schools &amp; those with Cert. of Approval for AMOs; Certified aerodromes; all ATS providers including military ATS providers that provide ATS to civilian flights; For AMO providing services - (1) to holder of air operator certificate , (2) for the operator of a Malaysian registered ac with specified criteria; Approved organization responsible for the type design/manufacture of ac</p>
<p><b>Activities performed by the State: PEL, development of regulations, surveillance, etc.</b></p>	<p>PEL for flight crew, ATCOs &amp; Aircraft Maintenance Engineers; Surveillance in PEL, OPS, AIR, ANS &amp; AGA on service providers, AOC/ATO/AGA/ certifications, development of regulations/directives/notices</p>
<p>Emerging activities: Remote Piloted ac oprs, commercial space</p>	<p>Drones/UAS; Helideck certification</p>
<p><b>Activities that are not required to implement SMS but that can have an impact on the services of organizations that are required to implement an SMS.</b></p>	<p>Flight Simulation Training Device organizations; flying clubs; UAS operators; Obstacle height approval &amp; Obstacle light approval; AIS &amp; SAR &amp; CNS &amp; MET</p>

# State entities that should be/are involved in the implementation of SSP

- Ministry of Transport (Secretary General as Accountable Executive)
- CAAM – Regulators (PEL, OPS, AIR, ANS & AGA)
- CAAM - Service providers within CAAM (ATS, AIS, PAN-OPS, CNS, Cartography & SAR)
- ANS providers outside CAAM i.e Malaysian Meteorology Dept. (MET) & SAR service providers such as assisting agencies Air Force, Police, Coast guard etc)
- Aircraft Accident Investigation Bureau (AAIB, MOT)



*ICAO Regional Safety Management Symposium, Singapore 23 April 2018*



# Top 5 aviation safety risks in my State

- TCAS RA events : handling of TCAS RA in busy airspace due false alerts (profile climb/descend)
- Runway incursion (RINC) - ac crossing active runway, ac crossing Stop bars in mixed mode ops
- Aircraft go around - due weather, unstabilized approaches, RINC, mixed mode RWY operation etc
- Runway excursion
- Ground accident and incident – aircraft, airside vehicle accident, ground vehicle mishaps etc



*ICAO Regional Safety Management Symposium, Singapore 23 April 2018*

