

INTEGRATED RISK AND SAFETY MANAGEMENT WITHIN AEROMEDICAL OPERATIONS

Heather Fitzpatrick
Aerosafe Risk Management



PRESENTATION OVERVIEW

- Integrated Safety and Risk Management Systems (IRSMS): key theories and models
- International benchmarking and better practice
- Aviation Safety Network: history and role
- Taking it to the next level



IRSMS KEY THEORIES AND MODELS

DEFINING 'RISK'

“Effect of uncertainty on objectives”

DEFINING 'RISK MANAGEMENT'

Coordinated activities to direct and control an organization with regard to risk

ISO31000:2009 Risk Management Principles and Guidelines

RISK MANAGEMENT AND ITS RELATIONSHIP TO GOVERNANCE

A diagram consisting of three triangles arranged horizontally. The left triangle is red and labeled 'COMPLIANCE'. The middle triangle is red and labeled 'ASSURANCE'. The right triangle is grey and labeled 'RISK MANAGEMENT'.

COMPLIANCE

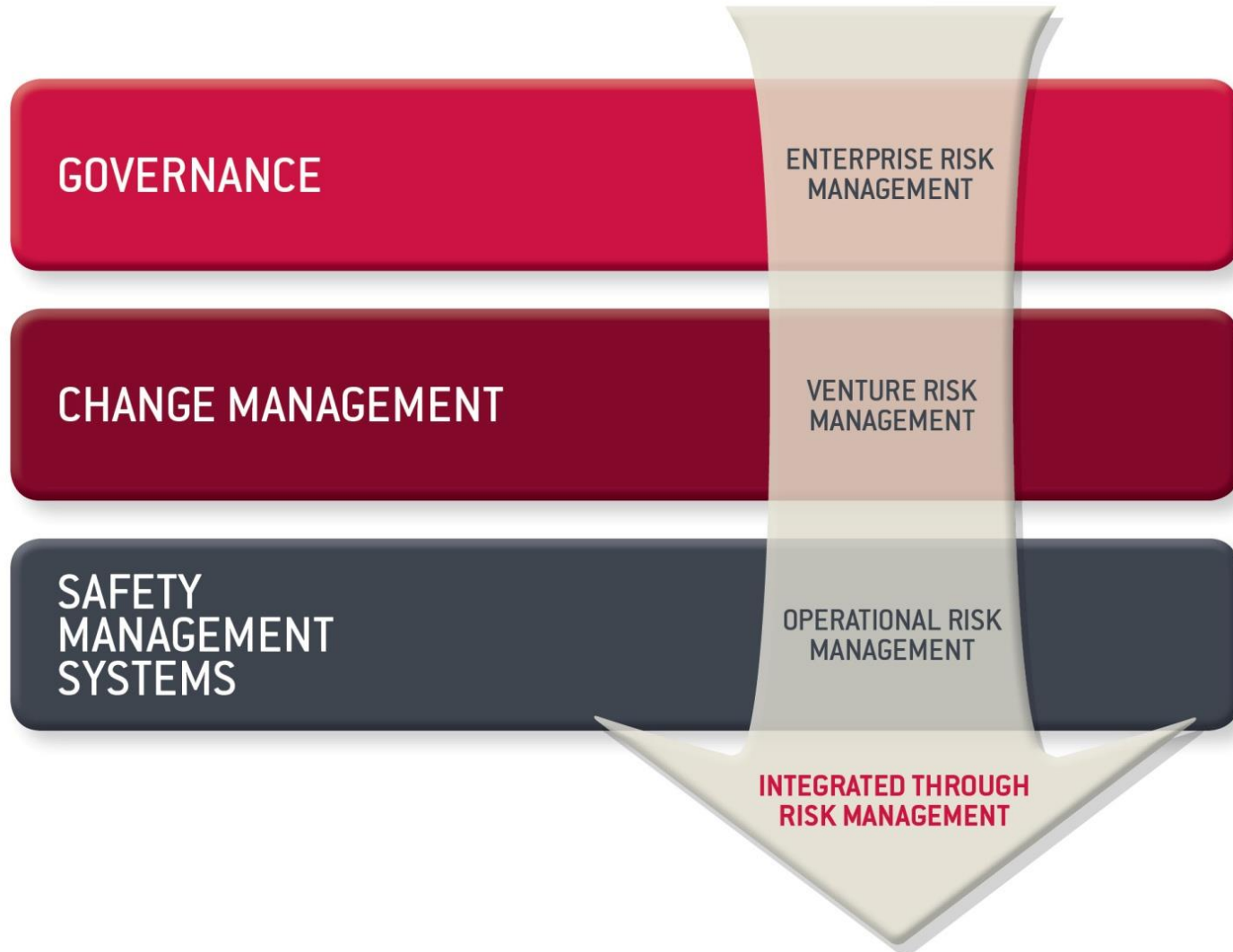
ASSURANCE

**RISK
MANAGEMENT**

RISK MANAGEMENT AND ITS RELATIONSHIP TO GOVERNANCE



HIERARCHY OF SMS OVERSIGHT



THE IRSMS™ MODEL





INTERNATIONAL BENCHMARKING AND BETTER PRACTICE







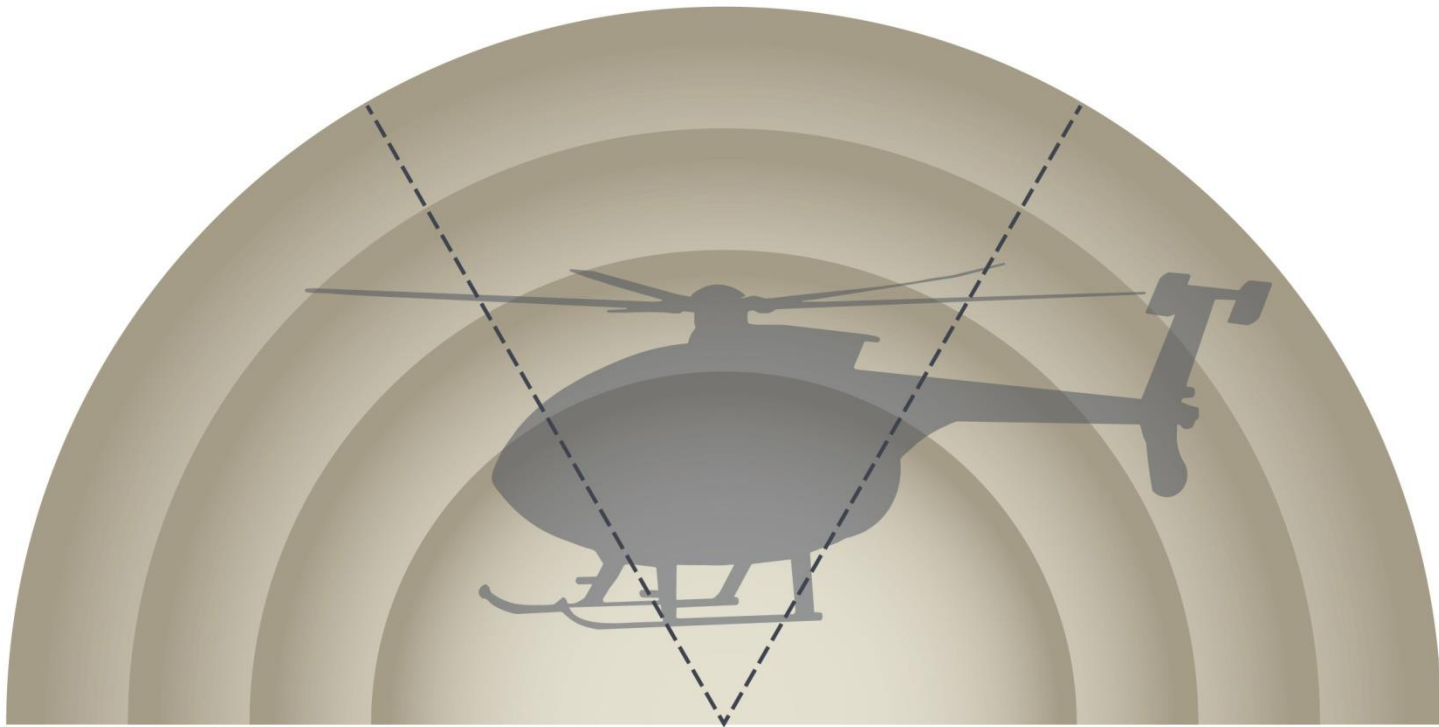














BETTER PRACTICE IN IRSMS™

- There is an emergence of formal “Contractor Risk & Safety Management Practices”
- Linkages with ERM and Governance
- Increased use by the Aviation Regulator for Industry Risk Profiling especially in the Aeromedical Sector
- Joint development of “ORPs” or operational risk profiles to capture the integration at the operational level



HISTORY AND ROLE OF THE AVIATION SAFETY NETWORK



HISTORY OF THE ASN

- 2003/2004: Australia – QLD EMS operators - EMS accidents in the preceding three years catalysed safety improvements
- 2005: ASN officially launched, and in late 2005: North American Foundation Members selected
- 2007: North American Program officially launched, with Canada joining the same year
- 2010: CASA & USDoD Adopted ASN Program Model to aid implementation of risk & SMS
- 2013: 15 EMS members, with over 2300 staff represented



UNDERPINNING PHILOSOPHIES BETWEEN ASN MEMBERS

- ASN built on the concept of a common program model , which is tailored and implemented at an individual company level
- Facilitates information exchange
- Based on Better Practice concept outlined as the IRSMS model
- Focuses on internal up-skilling, as well as external support and advice



CURRENT MEMBERS



IN-HOUSE SUPPORT





**TAKING IT TO THE NEXT
LEVEL**

TAKING IT TO THE NEXT LEVEL

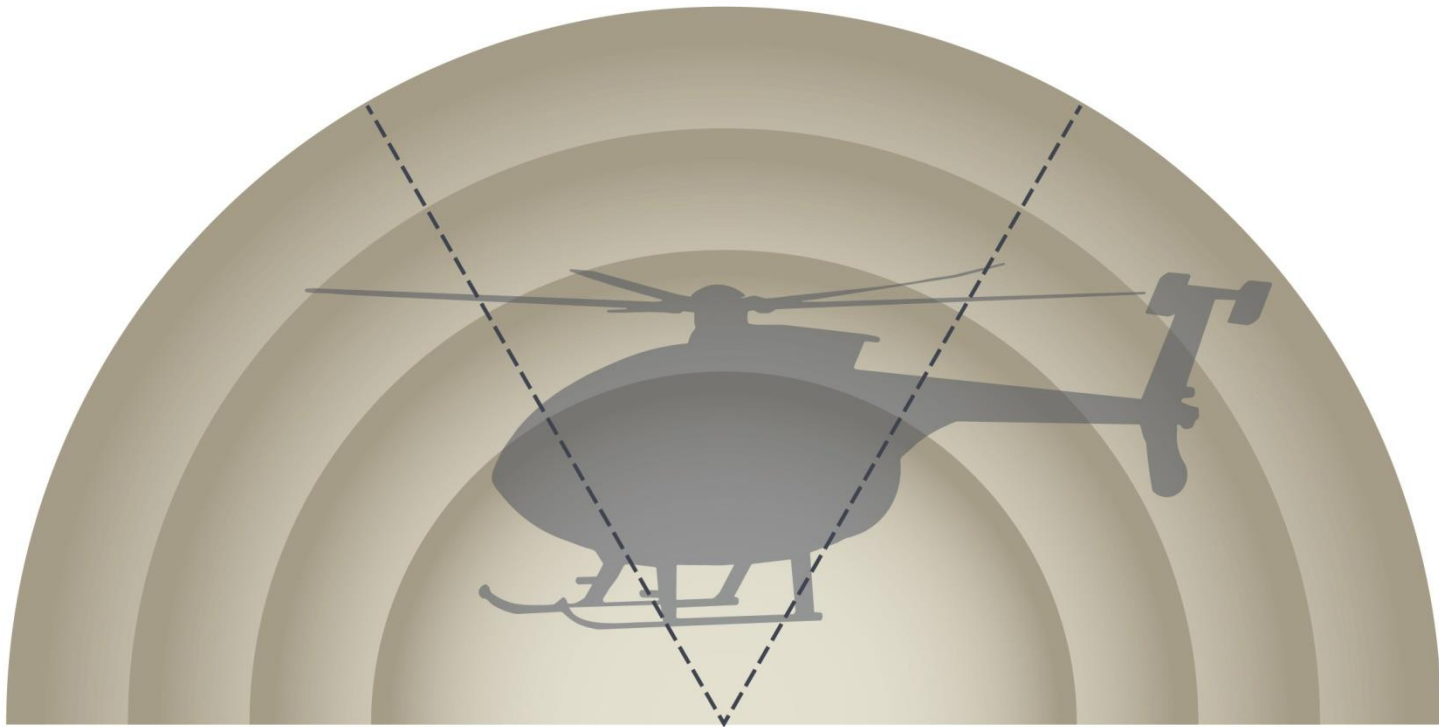
- Ambulance Service of NSW initiating a new approach:
 - The Formal oversight program – for all operators under contract
 - Integration at an organisational and operational level
 - Operational Risk Profile Package
 - Adoption of the ASN model
- Proactive readiness for the implication of CASA's proposed Rule changes.



NSW AMBULANCE IRSMS™ PROGRAM

- Module 1: Enterprise Risk Management (Department Level)
- Module 2: Formal oversight program for safety assurance and contract safety management
- Module 3: Operational Risk Management package
- Module 4: Adoption of the ASN Model for skill development, change management and cultural development





THANK YOU

Heather Fitzpatrick

Phone: (02) 8336 3700

Email: hfitzpatrick@aerosafe.com.au

