



Australian Government
Civil Aviation Safety Authority

Integrated Systems of Safety Management

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Focus of this presentation?

CASA program delivery National SMS education program to smaller operators (Total of 20 or less personnel).

Maintenance organisations follow another program.



The new CASA

- Policy says passengers come first and all other operations take a lower priority.



CASA Priorities

1. Passenger transport – large aircraft
2. Passenger transport – small aircraft (includes low capacity regular public transport, charter and humanitarian aerial work such as search and rescue and medical evacuations)
3. Other commercial operations which carry passengers, such as joy flights
4. Flying training
5. Aerial work carrying passengers such as geological surveys or media operations
6. Non-passenger carrying aerial work such as agricultural and freight operations
7. Private transport and personal business flights
8. High risk personal recreation and sports aviation flights



Role of Program delivery unit

- Education
- Guidance materials



Program Delivery direction

- Pre-emptive awareness program 4 years
- Ongoing evaluation of program
- Next phase - focused guidance at key centers
- Very small operators
- Future challenge is to translate these concepts to non-commercial flight operations.



Definitions

- ISMS – integrated systems for managing safety
- SMS – safety management system



'The specific elements of a discipline may need to be addressed separately, but some 70% would be common' D.Smith 2003

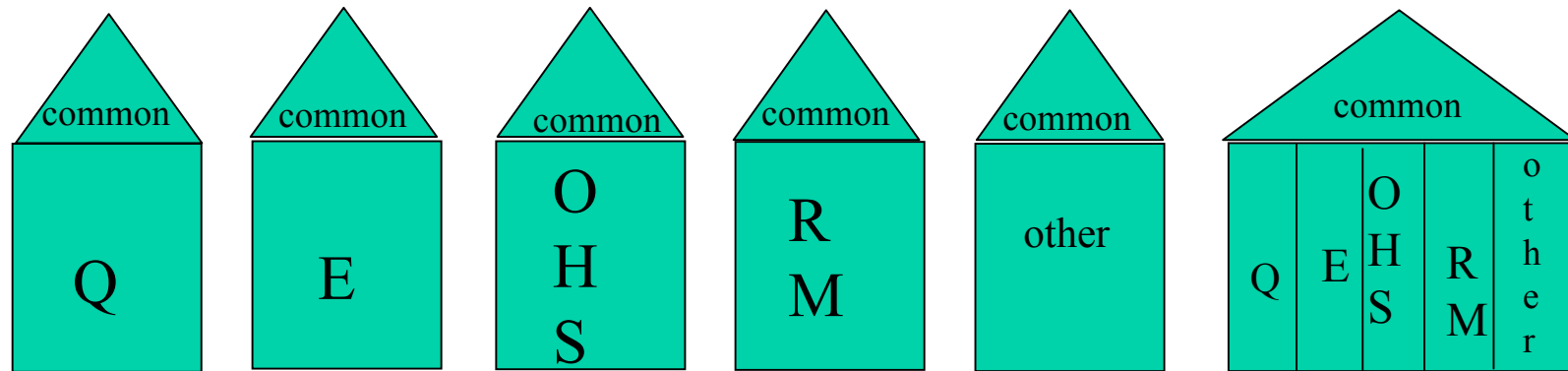


Figure 1.1 Integrated management system series: Implementing and operating. BSI 2002



ISMS - Large or small enterprise?

- Principles for integrating systems for managing safety are consistent across the aviation industry, regardless of size.
- The key is to customise to suit the size and nature of the enterprise.



Systems for managing safety

Is safety important?

What drives safe actions and decisions?



Implementing SMS

- Concept confusion
- Attitudinal bias and barriers
- Ambiguous definitions and roles
- Safety continuum
- External impetus vs internal motivation
- Template mentality
- Economic rationalisation

What is the problem we are trying to fix?



Can ISMS Make a difference?

- Profit
- Reputation
- Customer confidence/repeat business



Diversity of systems of managing safety

- Includes, but not limited to:
 - Organisational structure & accountabilities
 - Safety policy & procedures for operation
 - Document control
 - Change management
 - Risk detection & auditing for compliance



Safety vs quality

- Challenging to attain for all businesses
 - Size of business
 - Turnover - dollars and personnel
 - Type of business
 - Market demands

- Internal management system

- Safety management is about behaviour and decision making



Quality Assurance

- QA doesn't specifically address safety – it's about the process.
- Service industries and military do not require all aspects of business to be accredited to ISO 9000 standard.



ISMS vs Risk Management

- RM is a tool, not the whole solution
- ISMS provides the infrastructure for resolution of identified risk
- Commercial risk management vs safety risk management



Safety Culture

- Clear understanding of safety culture
- Personal and collective identity
- Customer confidence/repeat business



Managers

There are managers, then there are
Managers.....



Common SMS points stressed within Safety Promotion programs

- Balance of prescriptive and outcome based regulation
- Requires committed safety person/ group/ department
- Many and varied definitions
- Application of many disciplines and theories
- Requires both education & clear communication
- More successful if reflects size of organisation



The new CASA

- Passengers come first .
- There is no one size fits all solution.
- Education and guidance will continue.