Safety Management Systems for Airlines and Educators

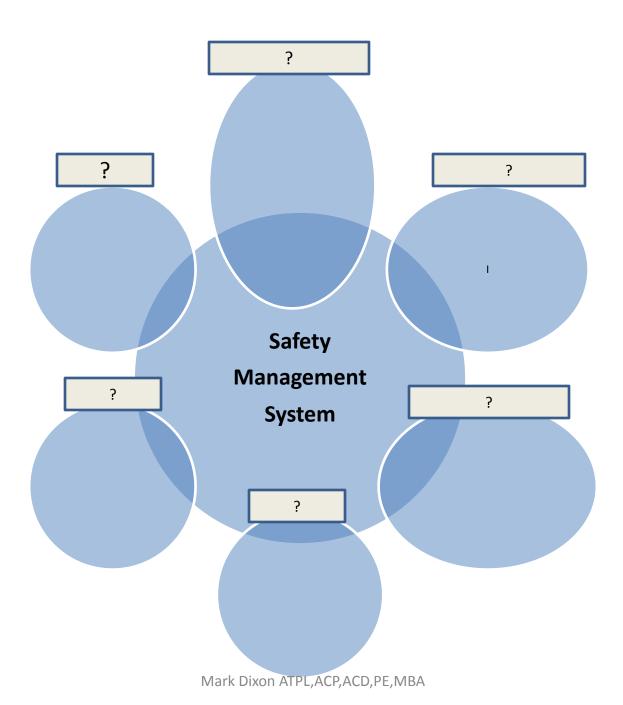
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Professor (PT) Aviation Operations/Safety Seneca College

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Today's Presentation

- High speed pass of the Transport Canada SMS Model for Airlines
- Role of the Pilot/Employee in an SMS
- Role of the Educational Institution in SMS



Safety Planning Safety Policy Non Punitive Roles & Responsibility Communication Objectives & Goals Measurement Management Review **Safety** Management **System**

Safety Planning Safety Policy Non Punitive Roles & Responsibility Documentation Communication **Objectives & Goals** Measurement Management Review Identification of Regulations Records Management **Safety** Management **System** D Mark Dixon ATPL, ACP, ACD, PE, MBA

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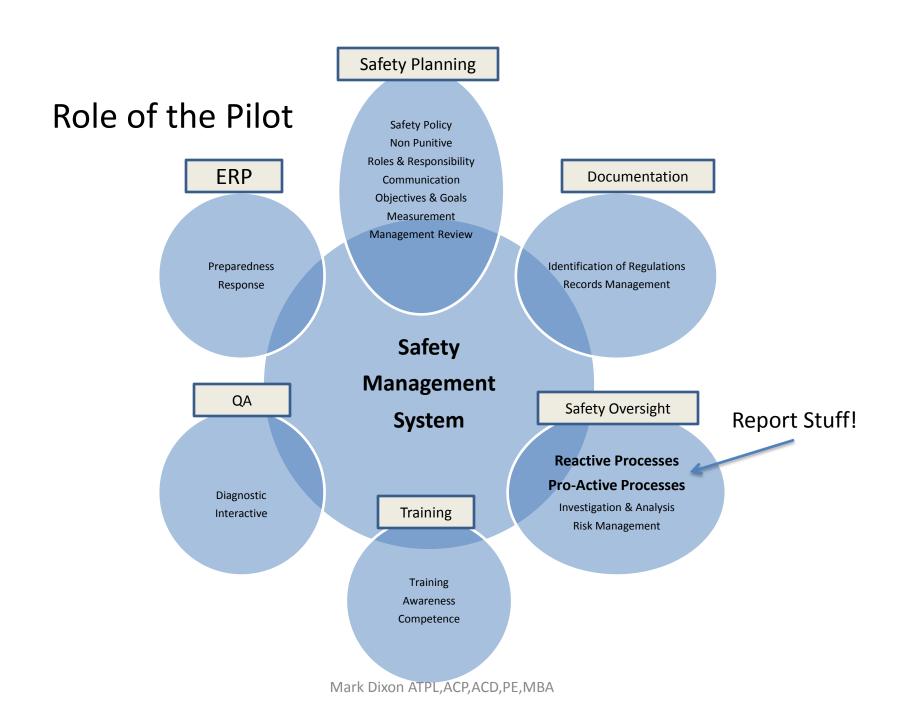
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Safety Planning Safety Policy Non Punitive Roles & Responsibility **ERP** Documentation Communication **Objectives & Goals** Measurement Management Review Preparedness Identification of Regulations Records Management Response **Safety** Management QΑ Safety Oversight **System** Reactive Processes Pro-Active Processes Diagnostic Investigation & Analysis Training Interactive Risk Management Training Awareness Competence Mark Dixon ATPL, ACP, ACD, PE, MBA

Role of the Pilot/Employee?

- 1. Report Stuff!
- Report Stuff!
- Report Stuff!
- 4. Report Stuff!
- 5. Report Stuff!
- 6. Report Stuff!
- 7. Report Stuff!



Role of the Educator?

SMS is a Management System

Management Systems are the domain of higher education!

Teach Future Employees/Managers/VP's & CEO's and Educate the Current!

Role of the Educator?

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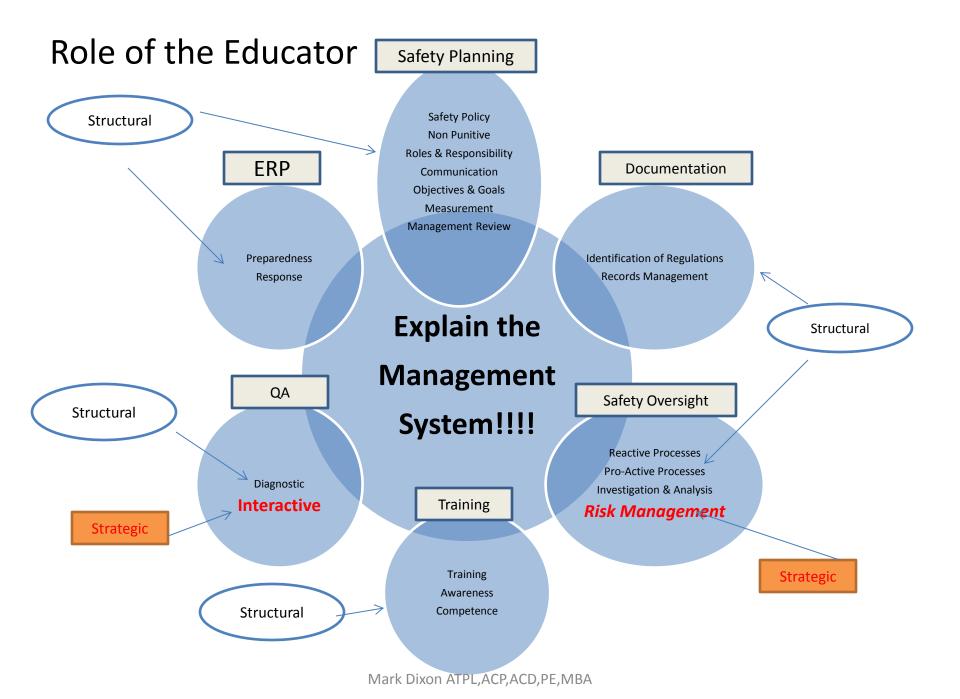
Why Implement an SMS?

Pros

- #1 Protect Shareholder Value
- #2 Create Shareholder Value
- Help Quantify the Risk vs Reward Relationship
- Builds Barriers to Entry
- Longer Term Payoff
- Align Corporate Strategy with Safety Strategy
- Healthy Disagreements foster innovation!
- Operate Above Compliance

Cons

- It's Difficult
- involves a different thought process & mindset
- You may not like what you find!
- The regulator may not like what you find!
- Distracting to Management
- Initially costs may increase
- mistakes will be made
- You may argue/disagree more
- Disagreements could get Ugly!



Thank You and Please...

Fly Safe!

Mark Dixon
Technical Team Lead Flight Operations
Transport Canada

Gratuities are Welcome!