

AEROSPACE & REGULATION REQUIREMENTS

 Salah Robaine



Without standards, there can be no
improvement.

— *Taiichi Ohno* —



SALAH ROBAINE

 Supply Chain & Quality Manager |
Airbus Canada

Professional with technical background, passionate about leadership and continuous improvement that sets very high success criteria.

Different areas of expertise: Aerospace; Electricity transmission of electricity
Different knowledges: Supply chain and quality management; project management and coaching people.

Interests: Change management; Solving problem; project management.

[linkedin.com/in/salah-robaine-252aa38](https://www.linkedin.com/in/salah-robaine-252aa38) 



AEROSPACE & REGULATORY REQUIREMENTS

🕒 0900 - 1000

Aerospace & regulatory requirements

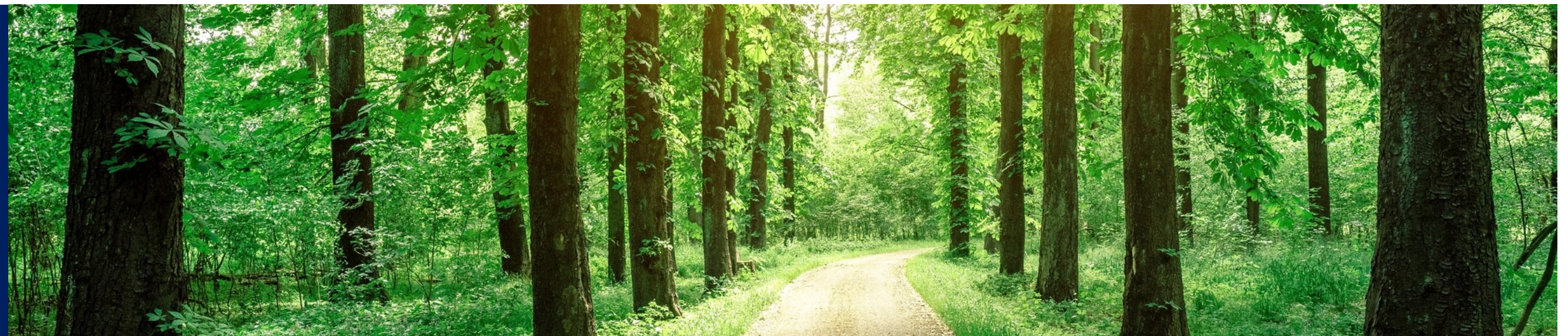


Agenda

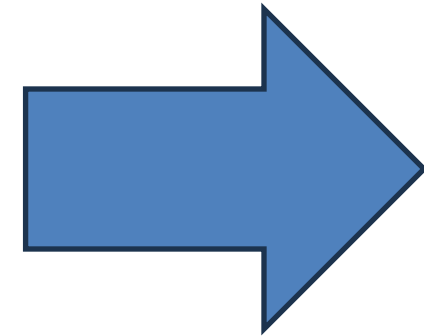
- 1 What is a standard : Definition & Benefit ?
- 2 What is Quality Management System QMS ?
- 3 AS91XX series ?

"Tell me and I forget, teach me and I may
remember, involve me and I learn."

– Benjamin Franklin



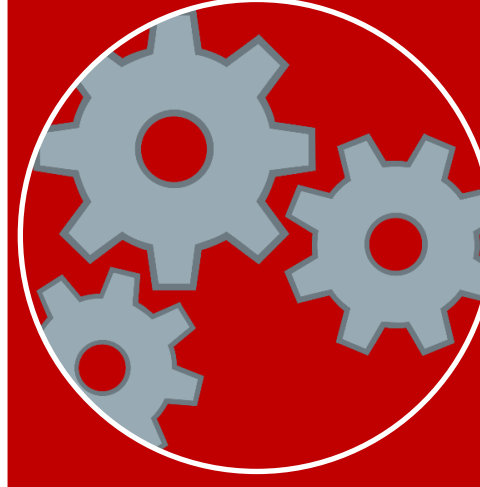
What are Standards



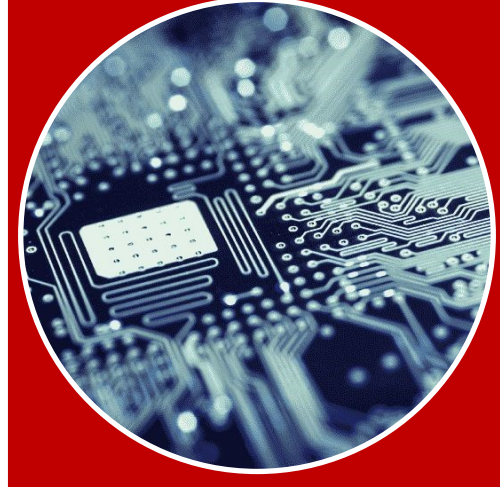
Products



Services



Processes



Practices

What are Benefits of applying standards



Safety and Security



Quality and consistency



Efficiency and effectiveness



International Trade & Market access





International Standard Organization

is an independent, non-governmental international organization with a membership of 168 national standard bodies

ISO Today

24789

International Standards covering almost all aspects of technology, management and manufacturing.

168

Members representing ISO in their country. There is only one member per country.

816

Technical committees and subcommittees to take care of standards development.

Popular standards developed by ISO :



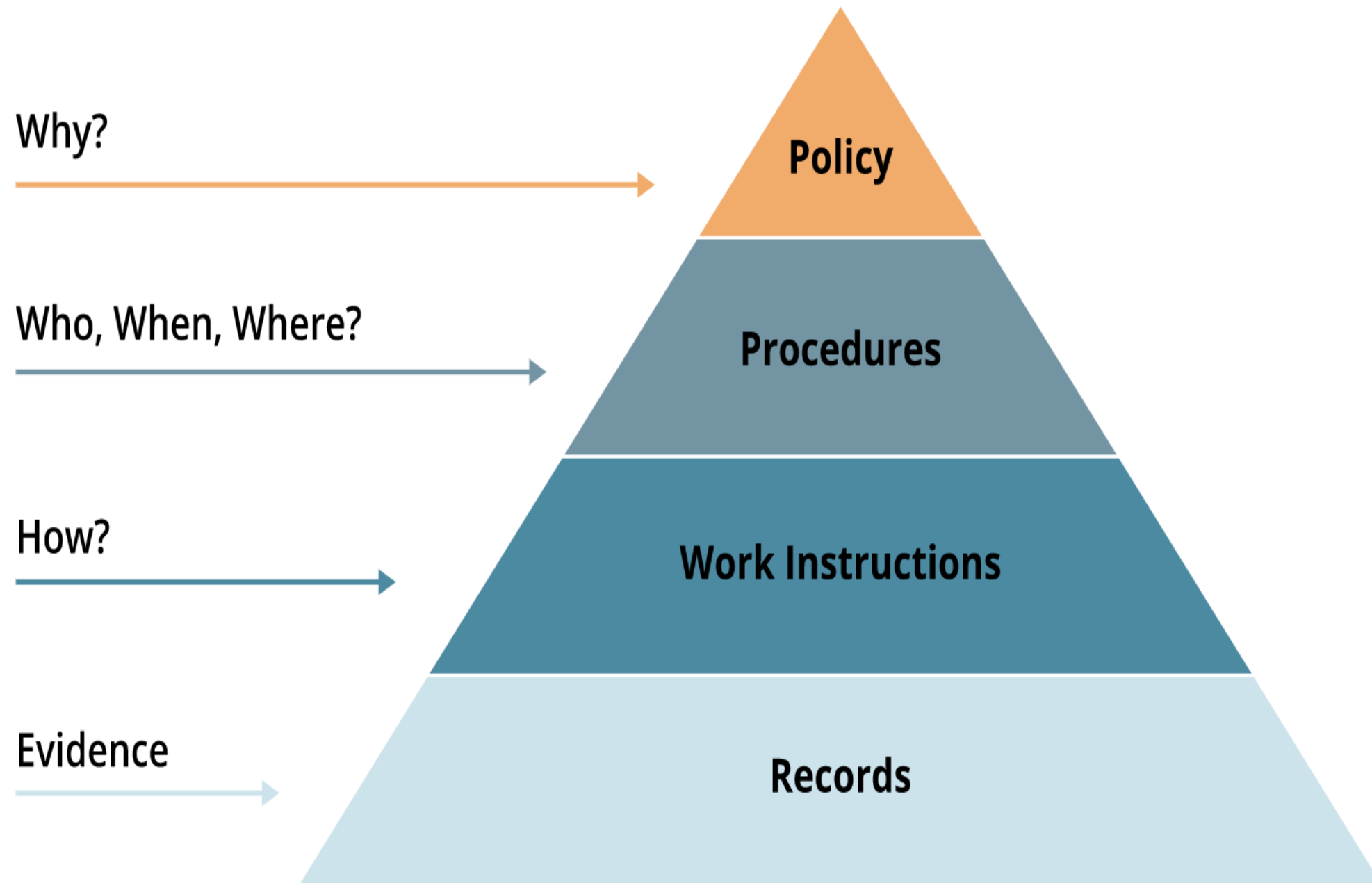


What is a Quality management System



QMS : Quality Management System

Structure



miro



A quality management system (QMS) is a set of coordinated activities and processes within an organization .



AS91XX



Developed by the **International Aerospace Quality Group**

IAQG

AS9100

quality requirements for design, development, production, installation and servicing.

AS9110

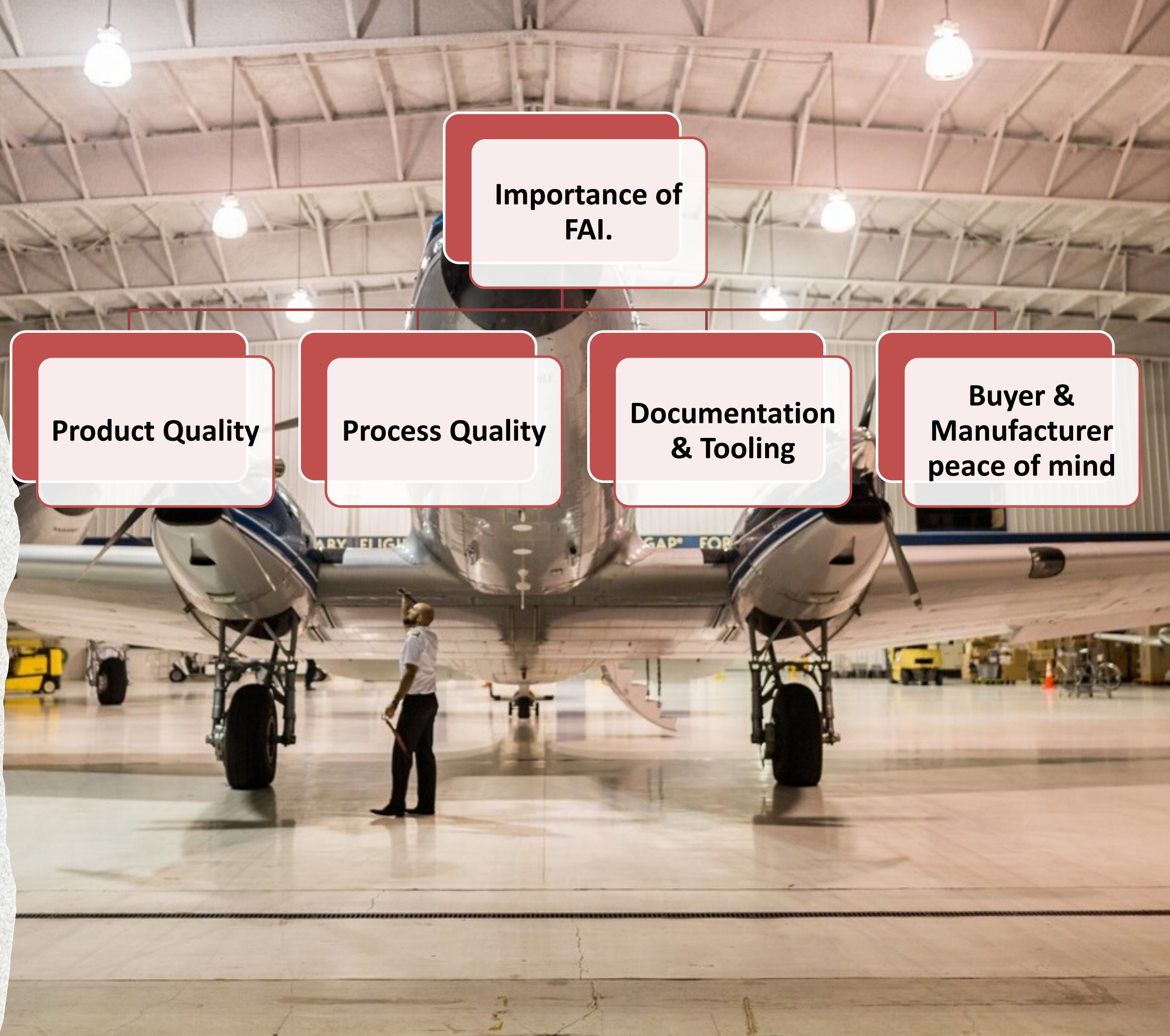
requirements for maintenance, repair and overhaul of aerospace parts.

AS9120

Requirements for quality assurance in warehousing and distribution of aerospace parts.

AS9102

Requirements for how to do first article inspection



**Importance of
FAI.**

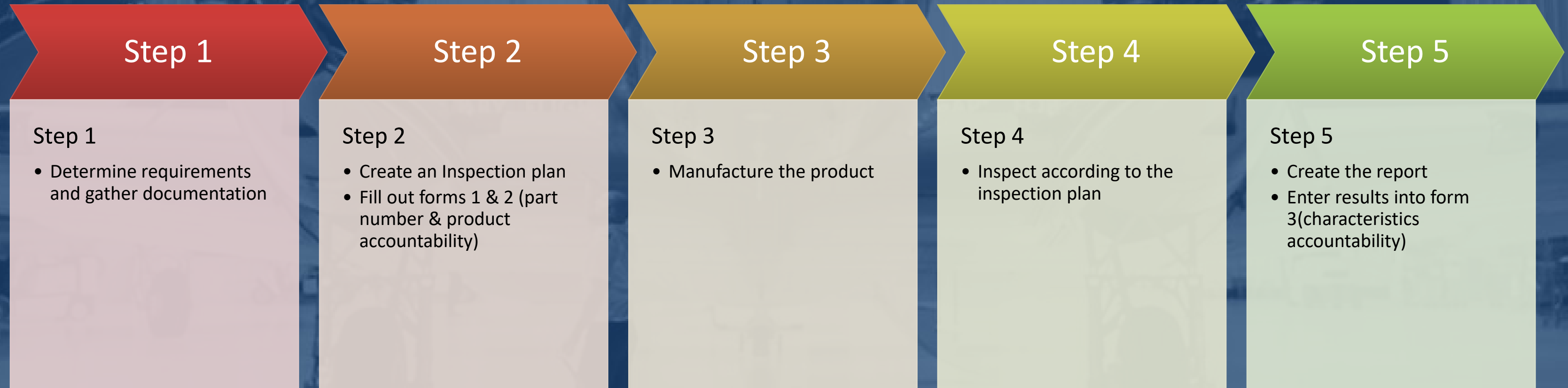
Product Quality

Process Quality

**Documentation
& Tooling**

**Buyer &
Manufacturer
peace of mind**

What Is AS9102 First Article Inspection?



When to conduct your FAI ?

- The first production run of a new product
- Implementing a change in a product's design
- Changing the sources or materials used in producing a product
- Any change in tools, processes or location of manufacturing



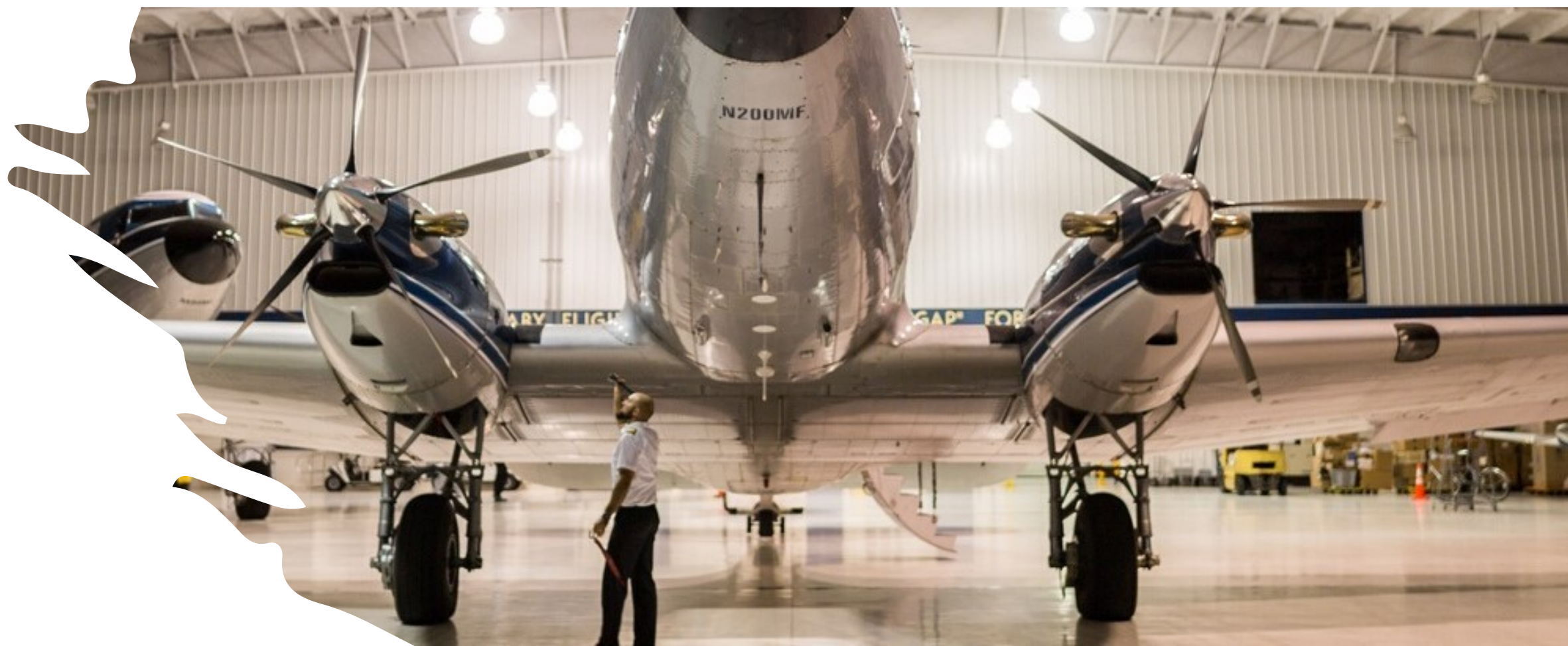


What is Export Control ?

Export control regulations play a significant role in the aerospace industry due to the sensitive nature of aerospace technologies and their potential applications.

Control Export Regulation : Key Aspects

- Controlled Items
- Export Control lists
- Export licensing
- Compliance programs
- International Cooperation
- Penalties for non-Compliance



Aerospace Regulation Agencies

Canada :
Transport Canada
Civil Aviation

US: FAA :
Federal Aviation
Administration

Europe : EASA :
European Union
Aviation Safety
Agency

China: CAAC: Civil
Aviation Administration of
China

PACIFIC
OCEAN

ATLANTIC
OCEAN

INDIAN
OCEAN

OCEAN





THANK YOU

Welcoming Immigrant Women to Aerospace