

PRODUCT RECALL

IN THE AVIATION
DISTRIBUTION
INDUSTRY



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AGENDA



- 1. Introduction to Aviation Distribution**
- 2. Importance of Product Traceability**
- 3. What is a Product Recall?**
- 4. Causes of Product Recalls**
- 5. Regulatory Requirements**
- 6. Recall Process Steps**
- 7. Risk Management & Prevention**
- 8. Case Studies**
- 9. Best Practices**
- 10. Q&A**



Introduction to Aviation Distribution



- Role of distributors in the aviation supply chain
- Types of parts handled: consumables, rotables, airframe, avionics
- Stakeholders: OEMs, MROs, Airlines, FAA, etc.

Importance of Product Traceability

- Criticality of traceability in aviation
- Use of batch/lot numbers, certificates (8130, CoC)
- Consequences of non-traceability



What is a Product Recall?

- **Definition: Withdrawal/removal of a product from the market due to safety, compliance, or quality issues**
- **Voluntary vs. Mandatory recalls**
- **Examples in aviation**



Common



of Recalls



- Suspected Unapproved Parts
- Counterfeit parts
- Manufacturing defects
- Incorrect documentation
- Non-conformance with regulatory standards
- Improper handling/storage

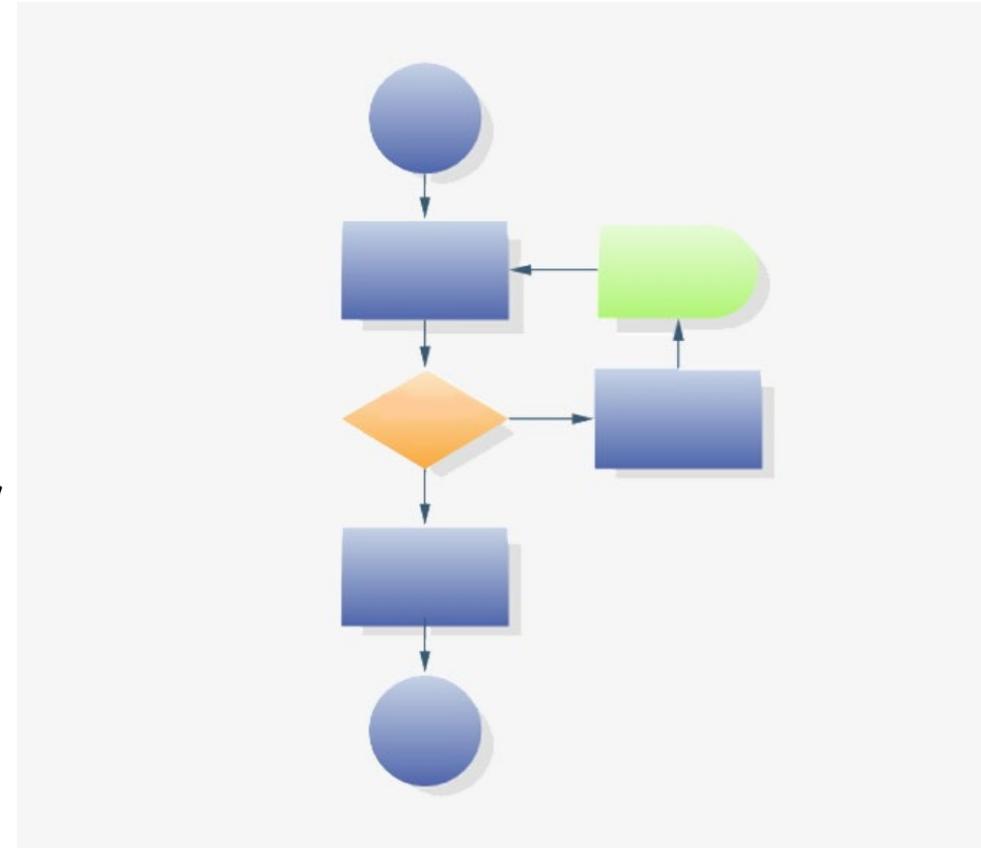
Regulatory Requirements



- FAA (Federal Aviation Administration)
- EASA (European Union Aviation Safety Agency)
- AS9120, ASA-100, AC 00-56, and other quality standards
- Role of ADs (Airworthiness Directives)

The Recall Process

1. Detection of the Issue
2. Internal Assessment & Risk Analysis
3. Notification to Authorities & Customers
4. Removal from Inventory/Supply Chain
5. Root Cause Analysis
6. Corrective and Preventive Actions (CAPA)





Role of Distributors During a Recall

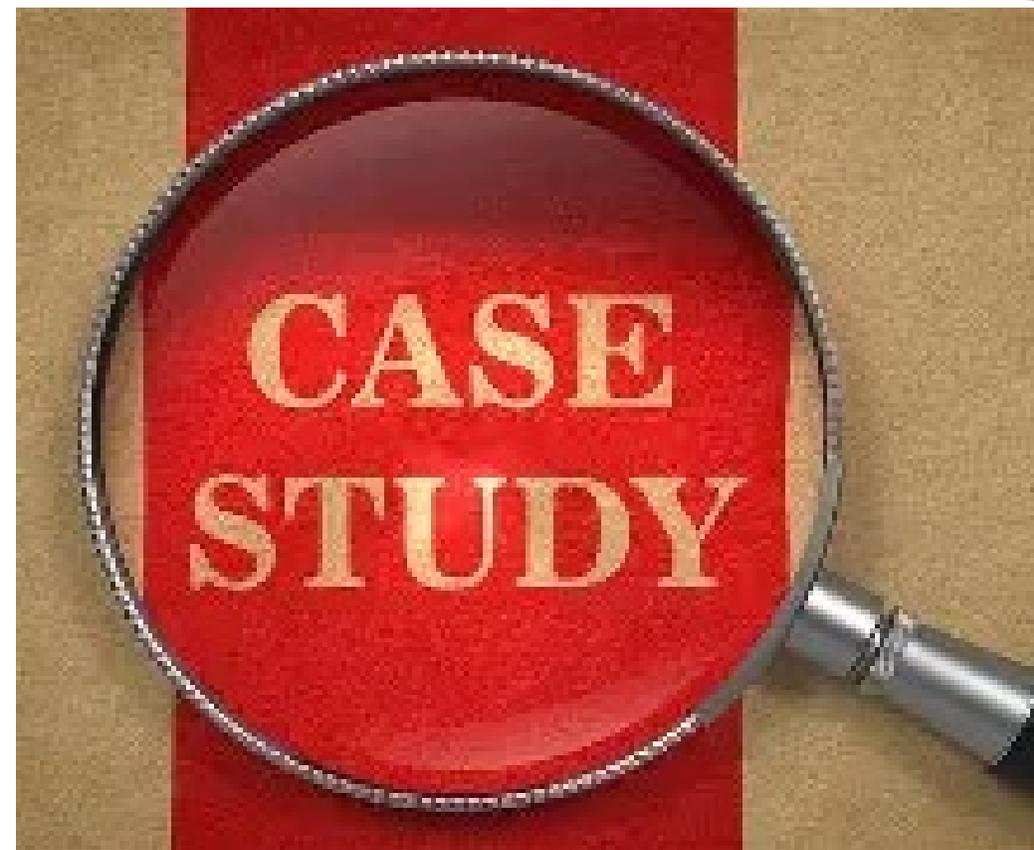
- Coordinating with manufacturers and customers
- Managing documentation and communications
- Updating records and systems
- Supporting investigations

Risk Management & Prevention

- Implementing strong quality controls
- Vetting and auditing suppliers
- Ensuring documentation accuracy
- Using digital tracking systems



- **Example 1: Recall due to counterfeit bolts in Airbus A320**
- **Example 2: Improper documentation of fire extinguishers in regional jets**
- **Lessons learned from each case**



Best Practices

- Establish a recall management policy
- Regular training for staff
- Maintain accurate records
- Encourage transparent reporting culture
- Conduct periodic mock recalls



Technology in Recall Management

- - Use of ERP & QMS systems
- - Blockchain for traceability
- - AI and predictive analytics to anticipate risks



Summary & Key Takeaways

- Recalls are critical for safety and compliance
- Distributors play a vital role in quick response
- Strong quality systems prevent costly incidents



Q&A

- Questions?
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Thank you for attending!