



AEELS
Aircraft End-of-Life Solutions

End-of-Life Aircraft

An important part of the aviation supply chain

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General Manager

Delft, February 4, 2008

“What comes down must go up ASAP!”

“What goes up must come down!”

But finally.....



Content

- Introduction
- The end-of-life supply chain
- The end-of-life decision
- Disassembly and dismantling
- Component management
- Conclusion
- Q&A

Introduction



The Courier, August 2005

“The first clues as to where the remains came from were in the form of airline safety cards from a ... 737-200, along with numerous in-flight magazines”

Introduction

Question of this presentation:

“How to close the aviation supply chain?”



Introduction

The end-of-life decision

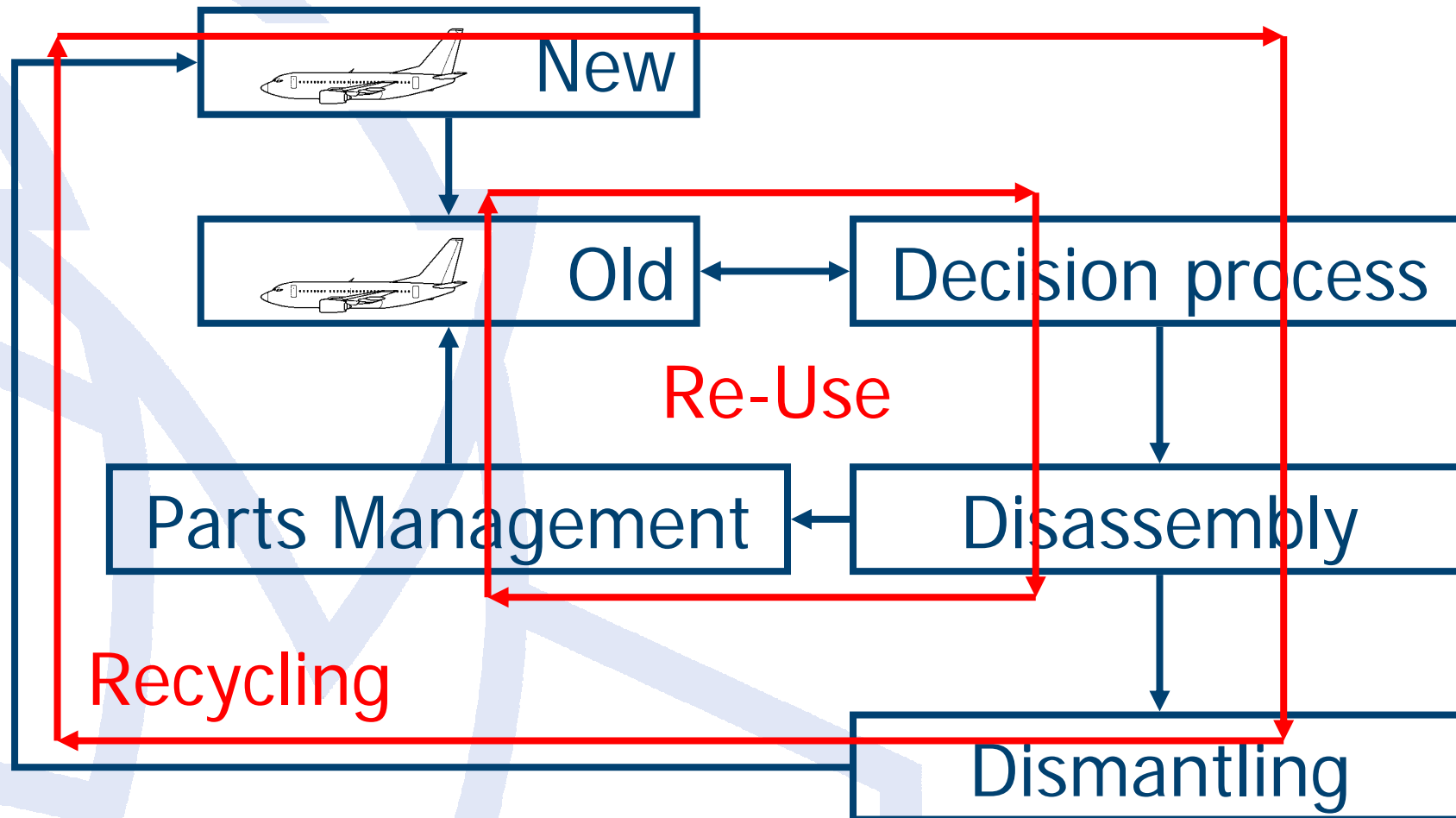
Legislation

Industry developments

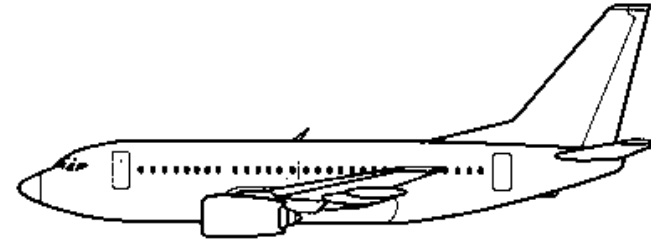
Process

Conclusion

Introduction



The end-of-life decision



Sell aircraft
as flyer

?

Disassemble
aircraft

?

AELS

Revenue
Parking
Organizational impact
Corporate identity

The end-of-life decision

AELS introduces a free quick scan:

- Retireability
- Disassembleability
- End-of-life status (ELS)

Detailed analysis:

- End-of-Life Decision Tool

Introduction

The end-of-life decision

Legislation

Industry developments

Process

Conclusion

The end-of-life decision

Statistical values

- **Retireability/Disassembleability:**
How well the aircrafts condition (age, FH, cycles) conforms to the condition of already retired/disassembled aircraft
- **ELS**
Interpretation of retireability and disassembleability

Introduction

The end-of-life decision

Legislation

Industry developments

Process

Conclusion

The end-of-life decision

Points of consideration

- Do I help a competitor to (cheap) capacity?
- What about a museum, training (technical, crew, fire fighting)?
- Green opportunity?



Introduction

The end-of-life decision

Legislation

Industry developments

Process

Conclusion

Disassembly and dismantling



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How do I do this?

- Disassembly
 - Removal of parts for re-use
 - MRO activity
- Dismantling
 - Activities required to recycle leftovers
 - Focus on hazardous materials



Introduction

The end-of-life decision

Legislation

Industry developments

Process

Conclusion



Disassembly and dismantling



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Legislation

Air safety legislation

- EASA different from FAA
- Bogus parts prevention

Recycle legislation

- Not at this moment

CO2 trading legislation



Introduction

The end-of-life decision

Legislation

Industry developments

Process

Conclusion

Disassembly and dismantling



Industry developments

• Boeing → AFRA



• Airbus → Pamela → Tarmac

Introduction

The end-of-life decision

Legislation

Industry developments

Process

Conclusion

Component management

- High value
- Use of existing supply chain
- Back-to-birth



Conclusion

"How to close the supply chain?"

Smart use of existing supply chains,
keeping in mind that the whole industry
is responsible.

Introduction

The end-of-life decision

Legislation

Industry developments

Process

Conclusion

Q & A

AELS, your partner in total end-of-life solutions

AELS

- Maximizes your revenue
- Minimizes your burden
- Sustains your corporate values
- **Minimizes environmental impact**

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