



AEELS
Aircraft End-of-Life Solutions

End-of-Life Aircraft

Creating sustainability by closing the aviation supply chain

Derk-Jan van Heerden MSc

General Manager

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“What goes up must come down!”

“What comes down must go up ASAP!”

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

- Aviation sector wants to lower CO₂ footprint.
- Can only be reached by introducing more last generation aircraft.
- What do we do with the old aircraft?
- Selling them to other operators to operate is not lowering CO₂ footprint.

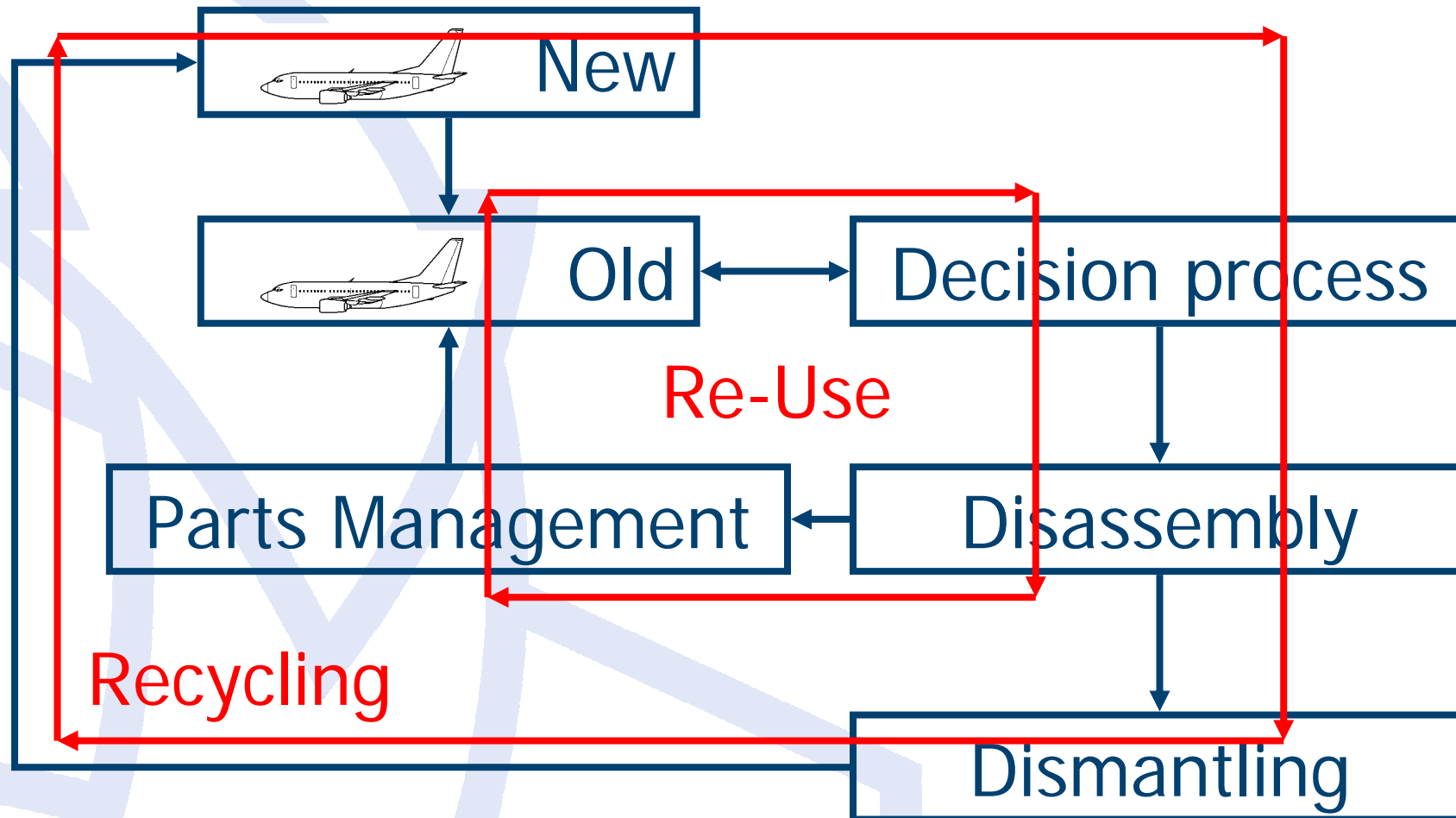
Introduction

Question of this presentation:

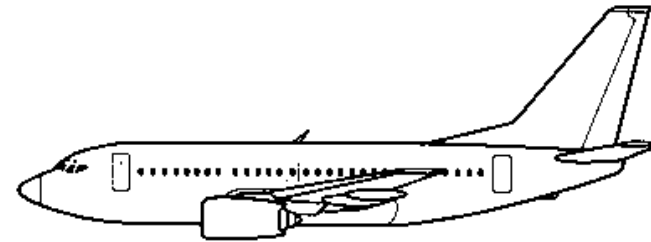
"How to close the aviation supply chain?"



Introduction



The end-of-life decision



Sell aircraft
as flyer

?

Disassemble
aircraft

?

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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

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?



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



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



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.

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**

Aircraft End-of-Life Solutions (AELS) B.V.
Rotterdamseweg 145
2628 AL Delft
The Netherlands

T: +31(0)15 25 62 705

F: +31(0)15 27 88 842

E: info@aels.nl

W: www.aels.nl