

# Airplane Fuselage Structural Integrity Forum

## Maintenance Programs



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### Overview:

Operator's goals

Inputs into the maintenance program

How operators implement maintenance programs

How operators change maintenance programs

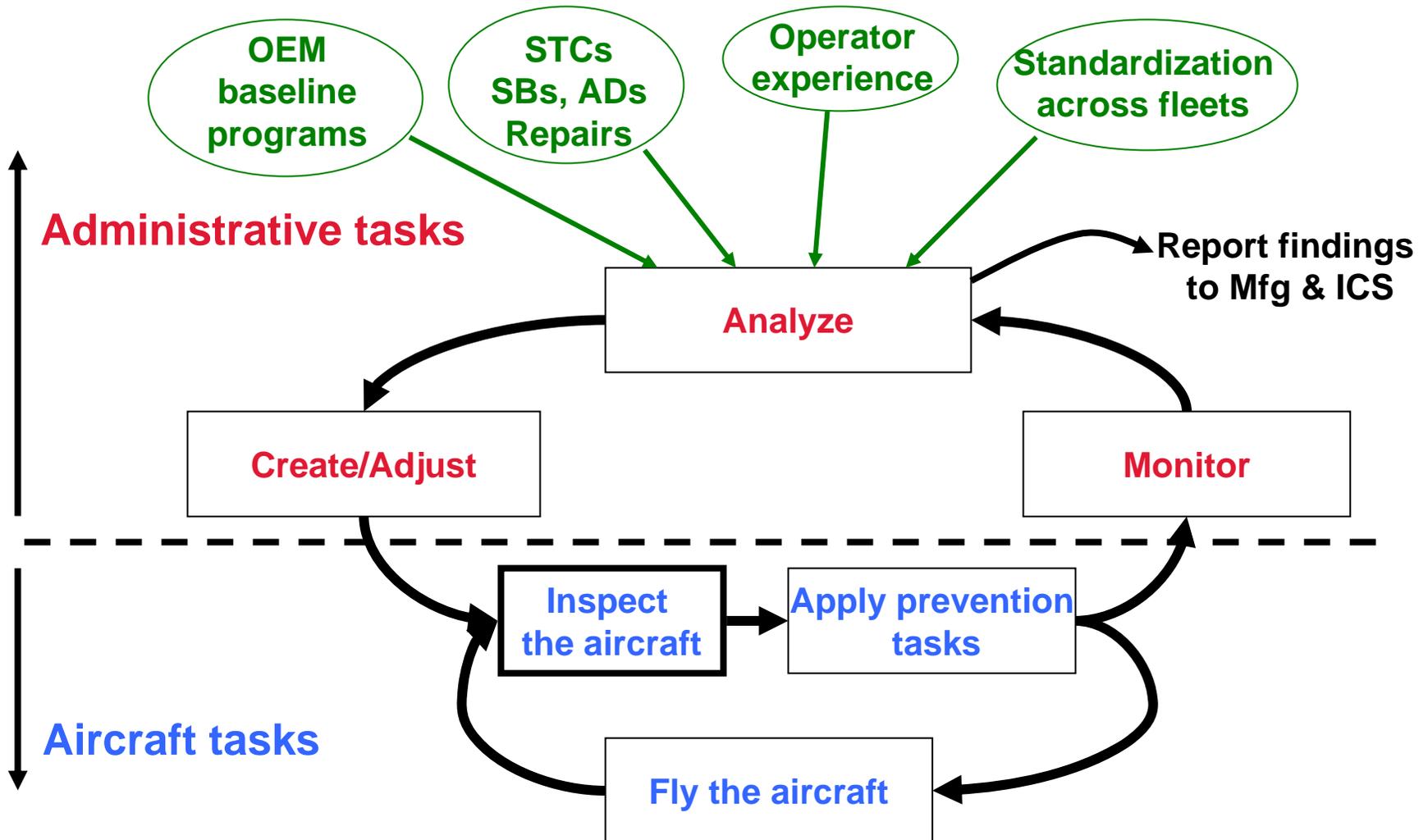
What a program should be

Challenges

### Operator's goals

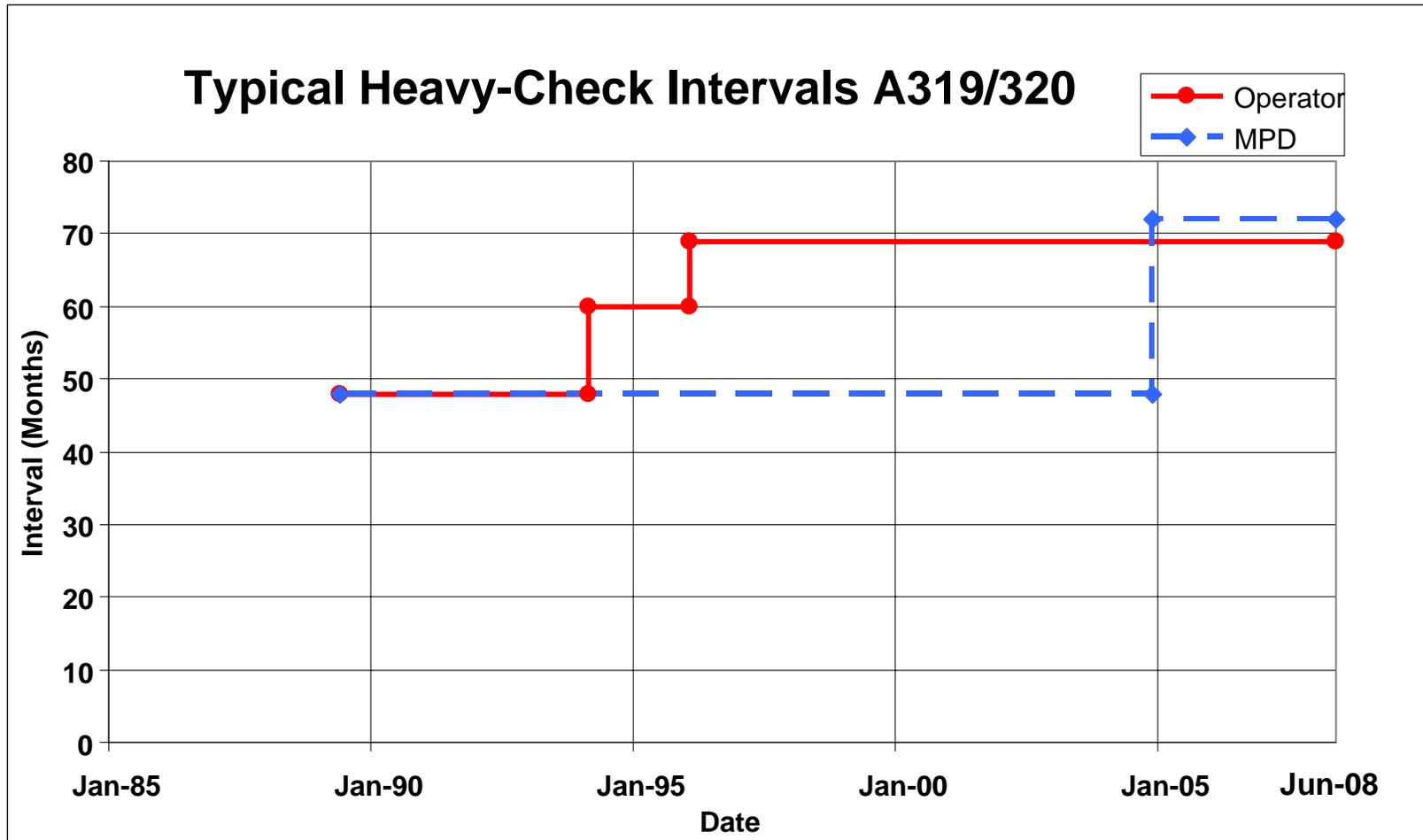
- Safe Product
- Reliable Product
  - Effective maintenance programs

## Maintenance Programs



## Maintenance Programs

Example of a program escalation



### What a program should be

Effective Programs are;

- Simple
- Reasonable
- Understandable
- Standardized for all fleets
- Executable
- Reactionary to in service issues
- Minimize human factors

## Maintenance Programs

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Challenges to implementing a program from Airbus, Boeing, Bombardier, Embraer.

- The programs between these manufacturers are generally similar at a high level. Similar for:
  - Corrosion prevention
  - Philosophy of structural inspections
- Operators are challenged to make various mfg programs standardized to the technician.
  - To minimize human factors
  - Increase effectiveness (safety, objective and cost)
- Challenges are minimized with good communication between manufacturers, operators and regulators

END

