



Dedicated to innovation in aerospace

AEROSPACE SYSTEMS DIVISION

AEROSPACE ELECTRONICS & QUALIFICATION

# Aircraft availability and resource estimator

PRODUCTS & SERVICES



What can you achieve if you have insight in the relation between fleet availability, resources and budget?

aare is a decision support tool providing valuable insight in maintenance operations, specifically developed to cope with uncertainty and using readily available data.





## WHAT YOU NEED

Maintaining aircraft means balancing budgets and resources to achieve the best aircraft availability. This balancing act is complicated by uncertainty; maintenance is inherently unpredictable. What you need is a tool to make complex decisions in uncertainty about the budgets and resources to achieve the best aircraft availability.

## WHAT WE DELIVER

aare or aircraft availability and resource estimator offers a management decision support tool to determine the impact of changes to budgets and resources on the fleet availability (and vice versa) based on realistic reliability data, and it is specifically tailored to cope with uncertainty.

It provides the user with valuable insights into the relation between fleet availability, resources and budget. It supports you with your financial planning, and set realistic availability targets, such as your On Time Performance.

aare serves different purposes. It can help you with your financial and operational planning in an existing operation. However, you can also use it if your operations change or if you prepare for fleet changes, such as the introduction of a new aircraft type. It also offers an interesting learning experience for managers and management trainees.

aare can be tailored to your needs. If you have specific questions, for example about the impact of condition-based maintenance or performance-based contracts, we can discuss the options to tailor aare to your needs.

## OUR CAPABILITIES

If you are maintaining aircraft or if you are looking for innovative maintenance technologies to improve the availability of your aircraft or to reduce costs, NLR can support you with standard and tailored solutions, aimed at civil and military maintenance organisations, operators and Original Equipment Manufacturers.