Jeppesen Tail Assignment
Optimize flight assignments and aircraft maintenance.

Jeppesen Tail Assignment helps airlines improve on-time performance, lower fuel and maintenance costs while utilizing aircraft more efficiently.

Tail Assignment optimizes flights and maintenance together, while taking operational costs and constraints into consideration.

Reduce your fuel and maintenance costs.
Since the Tail Assignment optimizer distributes production to specific aircraft, it is possible to utilize the unique characteristics of each tail to use them in the most cost efficient way. Fuel burn characteristics can be considered so that each tail is used on specific routes to minimize the total fuel burn, and by including fuel prices at each destination, you can find the tail assignments that provide the lowest total fuel cost.

Each tail can also fly more before maintenance checks, aligning cycles, dates and flight hours to reduce fleet maintenance cost.

Improve on-time performance and operational stability.
The optimizer assigns flights to specific aircraft (tails), while taking maintenance requirements, operational constraints and crew connections into consideration.

This means crew can follow the aircraft after maintenance has been integrated into the lines of flying, which improves on-time performance and your operation’s stability.

Achieve higher aircraft utilization rates.
The optimizer allows you to improve aircraft utilization so you fly more with a given number of aircraft.

Jeppesen customers have found that optimizing flights and maintenance together results in about three percent higher aircraft utilization, on average.

See what we can do for your operation.
- Shorter and more precise planning processes through automating and optimizing tail assignments.
- Lower fuel cost by assigning flights based on fuel burn characteristics and fuel costs at specific destinations.
- Higher aircraft utilization through world class optimization.
- Reduced maintenance costs through aligning flight hours, cycles and dates for maintenance.
- Increased on-time performance by having fewer tight crew connections.
- Increased operational stability by optimizing standbys and time buffers.

Look what Jeppesen Tail Assignment offers.
- Tail assignment optimization
- Maintenance needs (modeled with Jeppesen Rave)
- Operational constraints (modeled with Jeppesen Rave)
- Integration with Jeppesen Crew Planning
- Continuous optimization
- Re-fleeting (demand driven dispatch)
- Advanced simulation capabilities
- Graphical flight and aircraft editor
- Interactive and customizable reports (Jeppesen Rave publisher)
- Regular software updates and improvements

Learn more about what we offer.
For more information about Jeppesen Crew & Fleet Management, visit jeppesen.com/fleet.