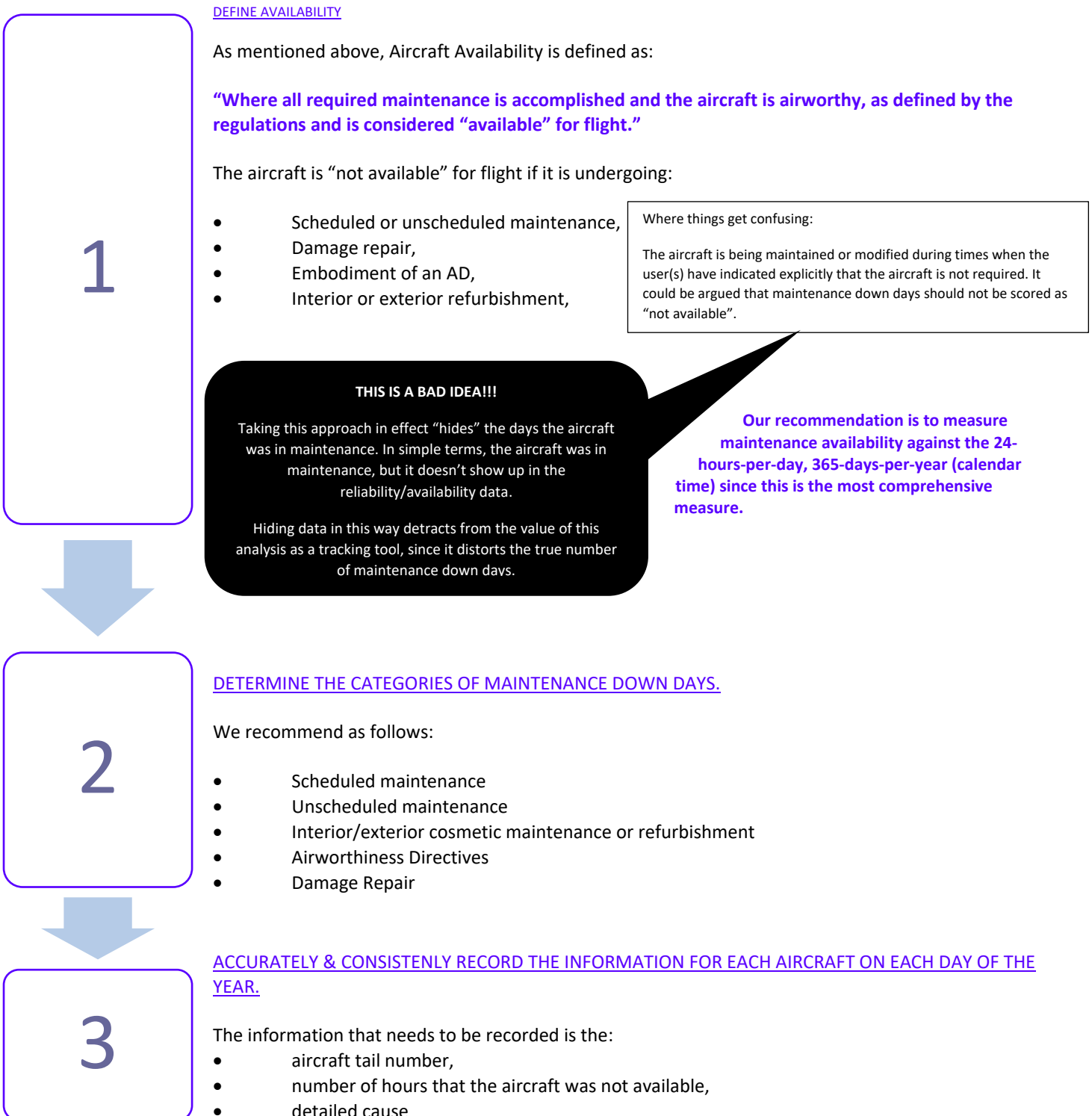


Measuring Aircraft Maintenance Availability

Rustom D. Sutaria – Avia Intelligence, Dubai, UAE, 2018

Aircraft availability is defined as all required maintenance is accomplished and the aircraft is airworthy, as defined by the regulations

When an aircraft is either scheduled for maintenance or is not available due to unscheduled maintenance, it cannot perform revenue flight segments. Aircraft availability is measured based on a percentage of days. To understand measurement better, here are 3 fundamental steps:



- Did “non-availability” have an this impact on a scheduled flight.

Once again, the chief benefit is that you will have hard information with which to:

- Analyze the benefits of switching maintenance schedules,
- Installing optional service bulletins that are supposed to improve maintainability/Reliability, etc.

You will also have the information the manufacturers and vendors need to judge the real-world impact of their maintainability and reliability programs and to make real improvements in these areas.