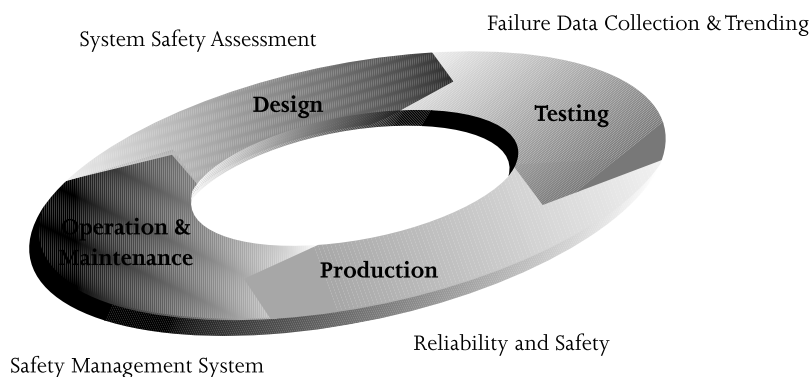


## All Systems, All Suppliers, All Over The World

ALD supports its customers all the way through the SSA process:

- Creation and approval of the Functional Hazard Analysis (FHA)
- Preliminary Hazard Analysis (PHA)
- Preliminary System Safety Assessment (PSSA)

g Reliability, FMEA, FTA, MA



## About ALD Group

ALD Group is a worldwide provider of Reliability and Safety Service, Software, and Training. Since the establishment in 1984, ALD has participated in hundreds of cutting-edge aerospace, military and commercial projects. ALD's off-the-shelf Reliability, Safety and FRACAS software is used by hundreds of devoted customers.

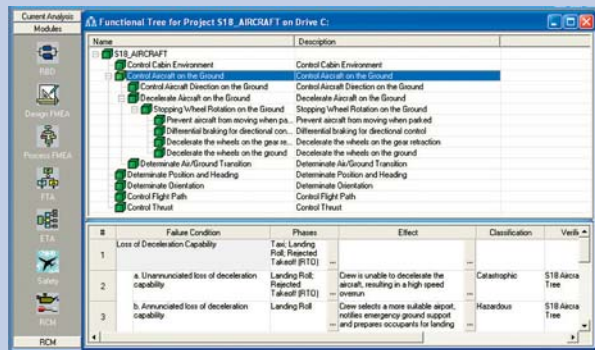
Headquartered in Tel Aviv, Israel, ALD Group has subsidiaries in USA and Israel and representatives in Europe, Asia and Australia.

# Reliability & Safety Data Base



## Reliability, Safety & Maintainability Toolkit

The toolkit implements the requirements and tasks of SAE ARP4761. Defined and developed in cooperation with AIRBUS, it allows to perform FHA, PHA, SSA.



Using ALD's RAM Commander to support all necessary iterations and to produce all required output is an easy, accurate and time-saving way to perform qualitative and quantitative safety assessment required during system development:

- Generation and verification of safety requirements
- Identification of all relevant failure conditions
- Consideration of significant combinations of failures causing failure conditions
- Generation of output reports starting from the stage of Functional Hazard Analysis (FHA / PHA)
- System Safety Assessment (SSA) verifying that design meets safety requirements
- Reliability Prediction, Reliability Block Diagrams (RBD)
- Failure Modes, Effects and Criticality Analysis (FMECA)
- Fault Tree Analysis (FTA)
- Event Tree Analysis (ETA)
- Markov Analysis (MA)
- MSG-3

## Incidents Monitoring & Corrective Action

Incident monitoring, analysis and corrective action are necessary and integral to efficient Safety Management System (SMS) providing full traceability, root cause investigation for incidents and failures occurring during test, operation, storage, maintenance.

ALD offers a total solution for incident data processing and management based on the state-of-the-art software tool - FAVOWEB.



Incident monitoring dashboard from one of ALD customers

The tool is web-based, multilingual and compatible with up-to-date IT infrastructure of multinational and multitask enterprises and projects.

The tool has been adopted by Lockheed Martin F-35, Israel Aircraft Industries, Selex SAS, IDF and many others who take full advantage of the groundbreaking combination of features:

- Applicability to any phase of a product life cycle: from design to maintenance
- Easy customer defined setup and adaptation
- Intranet / Internet accessibility combined with unprecedented data and access security
- Built-in incident data management scenarios and Failure Review Boards (FRB)
- Hundreds of safety and reliability reports for data trending and regulatory requirements satisfaction
- Unique incident prediction algorithms based on free text and data mining



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