ALD Assists the IRKUT MC-21 Aircraft to be Competitive and Cost Efficient, While Meeting the Highest Safety and Reliability Standards

CASE STUDY

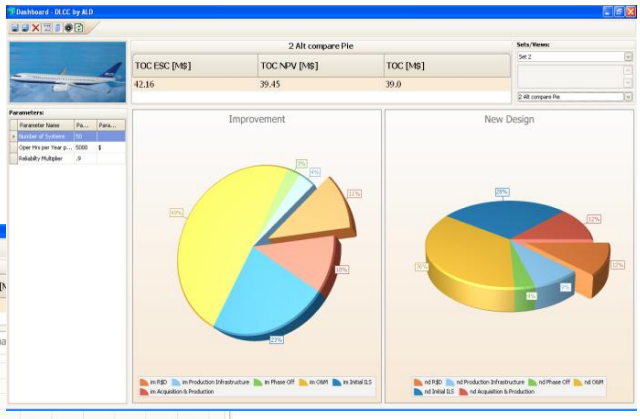
ALD Solutions For IRKUT Corporation

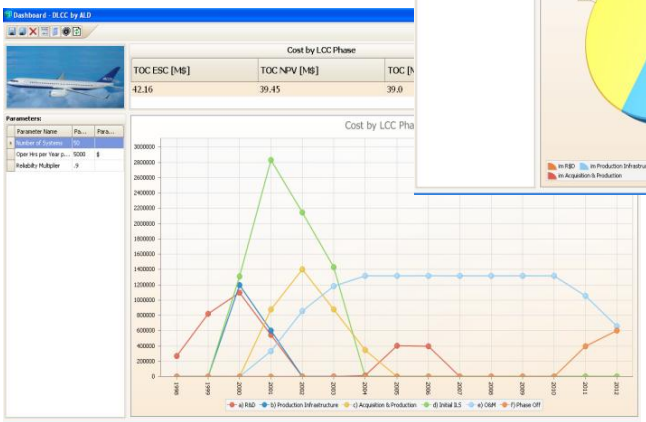
In 2007 IRKUT Corporation has launched the program of developing a new passenger airliner, the MC-21, which is due to enter service in 2015-16.

To ensure the MC-21's timely type certification and competitiveness in both the Russian and international markets, IRKUT has chosen ALD's solution to help it minimize the MC-21's life cycle costs, achieve international certification by AR IAC, EASA, and FAA, and attain efficient and effective logistic support throughout the aircraft lifecycle, while acheiving maximum Reliability, Availability, Maintainability and Safety.

ALD has taken part in the MC-21 program since 2008, supporting IRKUT throughout the MC-21 Joint Definition Phase, negotiating with suppliers and making sure they meet IRKUT's requirements. ALD has been in charge of the MC-21's safety assessment process, from preliminary stages such as aircraft and systems Functional Hazard Assessment.

ALD, with a solution that combines professional services done by the world's most experienced experts together with the company's mature and established software tools such as D-LCC, RAM Commander and FavoWeb, has developed MC-21's Integrated Logistics Support methodology for its aftersale support, including the analysis of different altenatives in terms of Life Cycle Cost (LCC), thus ensuring cost minimization and strong market competitiveness.





IRKUT Corporation, a member of the Russian United Aircraft Corporation (UAC), is the manufacturer of the IRKUT MC-21.The MC-21 is a series of twin-engine, short-range and mid-range jet airliners with a capacity of 150-210 passengers. The MC-21 family is to take the place of the Tu-154 and second-hand foreign aircraft in the Russian airlines' fleets while successfully competing in international market.

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