



JOIN US AND WIN* A DRONE !

Efficient Reliability Engineering in UAVs and Complex Designs

Presenters: Mr. Yizhak Bot & Dr. Amir Segal, BQR Reliability Engineering Ltd.

While many methods and standards exist for RAMS analysis, it is not always clear how to incorporate them into the design process of complex products such as UAVs. In this practical presentation, we will review a unique case study relating to the implementation of effective reliability engineering techniques in the design process of a UAV. We will focus on how design issues can be detected in early stages of the design process, reducing time to market and costly recalls.

The presentation will highlight:

- Defining RAMS quantitative requirement and constrains
- Correct sequence of RAMS tasks involved in product design
- Incorporating RAMS within the organizations processes
- Working with tenders and sub-contractors
- Defining the optimal Maintenance concept for the product
- RAMS: MTBF/Failure rates prediction, Stress analysis, FMEA / FMECA, Testability analysis, FTA, RBD, LCC

The presentation is based on many years of experience in servicing leading companies in various industries.

** A single drone will be offered as a prize in a raffle.*



JUNE 18-22
PORTOROŽ
SLOVENIA



BQR Scalable Solutions:

From Component, Function, Assembly and System to Asset/Fleet Level

fiXtress™


Design for Reliability software for Automated Schematic Review, electrical stress analysis, MTBF and service life prediction

CARE®

Computer Aided Reliability Engineering solution for all RAMS Analysis (Reliability, Maintainability, Availability and Safety)

apmOptimizer™

Unique planning and optimization software for maintenance of systems, assets or fleets.



**THE WORKSHOP WILL TAKE PLACE ON
JUNE 20TH, TUESDAY, 14:00-17:20
THE PHAROS ROOM,
GRAND HOTEL BERNARDIN**