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ROCKET INTERFACE UNITS

Rocket Interface units allow firing of rockets on helicopter/aircraft . Design allows high safety/reliability and high longevity.

- The RIU shall be capable to manage the 70 mm (2.75") MK 40 as well as MK66 HYDRA Rocket System and to communicate with the host using a dual redundant MIL-STD 1553 digital data bus
- Designed in compliant with MIL-STD-704 and DO-254 requirements
- Qualified in compliant with MIL-STD-810, MIL-STD-461E and RTCA/DO-160 Environmental and Electromagnetic requirements

STANDARDS USED IN DESIGNS

MIL-STD-464 Electromagnetic Environmental Effects Requirements For Systems

RTCA-DO-178 Software Considerations in Airborne Systems and Equipment Certification

MIL-HDBK-470 Designing and Developing Maintainable Products and Systems

MIL-HDBK-2165 Testability Handbook For Systems And Equipment

EASA CS Part 23 & Advisory Material European Regulations (EASA), Certification Specification

RTCA-DO-160 Environmental Conditions and Test Procedures for Airborne Equipment

SAE-AS 35061 Connector, Receptacle external electric power,Aircraft,28 Volts DC operating power

MIL-STD-785 Reliability Program for Systems and Equipment Development and Production

MIL-PRF-6106 General specification of Electromagnetic relays

MIL-HDBK-217F Reliability Prediction of Electronic Equipment

MIL-STD-461 Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment

RTCA-DO-254 Design Assurance Guidance for Airborne Electronic Hardware

SAE-AS 8020 Engine driven DC generators/starter-generators and associated voltage regulators

SAE-AS 33201 Circuit breaker, trip free, push pull,0.5-20 Amp

MIL-STD-704 Military Specification Aircraft Electric Power Characteristics

MIL-STD-7080 Selection and Installation of Aircraft Electric Equipment

MIL-STD-1629 Procedures for Performing A Failure Mode Effects And Criticality Analysis

AVIONICS SYSTEMS

DIMMING & SIGNAL SWITCHING UNITS

ROCKET INTERFACE UNITS

CIRCUIT BREAKER PANELS

INTERVALOMETERS

LIGHTED PANELS

About Savronik

Savronik, founded in 1986, has been operating for over a quarter of a century in the Turkish Defence Industry, and is one of the few major players in an industry dominated by quasi-governmental organizations. Starting from early 2000s, we have been employing our defence industry experience also in Intelligent Road Systems, Railway Systems and Integrated Logistics Support.

Savronik produces award winning, high quality products, both unit and integrated solutions, compliant with standards such as ISO 9001:2015, AS9100 rev.D in the fields of electronics, electro-mechanics and software. Our true differentiator however, is our field capabilities which allow Savronik be wherever and whenever our customer needs us. In this respect Savronik is not only a technology company but also a services and maintenance competence center providing full life cycle maintenance and operating services to its customer in the civil and military sector.

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