

## Test Equipment for Attack Observation Systems

### - Litening Pod - RAFAEL, Missiles Division

In this field as in others, **the Chaban Group**, Israel's leader in the development, production and marketing of universal, **automatic test equipment (ATE)**, provides you with the optimal solutions for the development and manufacture of support equipment for the development of operational hardware and software, as well as **automatic test equipment for Litening attack observation systems**.

The test equipment is based on **PC platforms**, and combines standard off-the-shelf items such as an industrial PC, aircraft communications **cards for the 1553**, a 12" video display, etc., with specialized but modular hardware and software components that are developed at **Chaban** such as an operating system, operating unit, and a specialized PC general purpose adapters and video multiplexer.

This combination of unique components provides the test equipment maximal control at the target simulation position for laser, CCD, IR and many other sensors (**STS**) and concurrently performs all the acceptance and diagnostic tests on the observation systems for the Litening in the **ATEasy software environment**. **The test equipment software** has a comprehensive self-test (including wraparound) and flexible expansion options and/or convergence into a service field echelon configuration ( **O-Level** ), which provide dynamism in future uses.

In addition, the test equipment software includes **simulation and operation of the aircraft envelope**. These, combined with many sensors, allow the system developer complete and friendly control (including "prohibited" states), system capability testing, and P.O.D. performance.

Following our belief in quality control to the highest standards, these products have also passed the most stringent testing: the performance of many technical reviews such as **CDR, PDR and SSR**, configuration of documentation and production files according to full military standards and meticulous phases of test equipment capability demonstration (ATP/FAT/QTP) integrated with malfunction simulations and reliability requirements. All these guarantee our customers a product of the highest quality, with maximal flexibility and reliability in the future as well.

Even at this moment, **the Israeli Air Force** and other customers on three continents are benefiting from the advantages of the **Chaban Group's Litening Pod test equipment** and development infrastructure. Now you, too, are invited to enter a new era in the field of technology and to benefit from an innovative, high quality and reliable product.

**A variety of products are at your disposal:**

- **Engineering test equipment for the development and verification of software and hardware for the operational Aircraft Simulation system**
- **Test equipment for P.O.D. (Proof of Design) tests during acceptance of the operational system**
- **Test equipment for the ATP production line (extended rear echelon [US = rear train], I-Level)**
- **Test equipment for customer Maintenance ATP, for repairs, maintenance and periodic calibrations (extended rear echelon [US = rear train], I-Level)**

