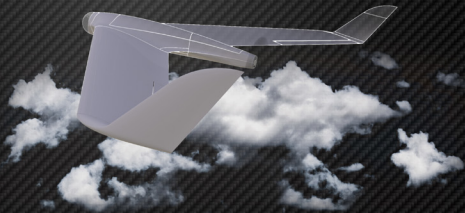


COMPOSITE MATERIALS BEYOND YOUR EXPECTATIONS

UAV | HELMETS | RADOME | PAYLOADS & CAMERA ENCLOSURES | PARTS & COMPONENTS



Aero sol Ltd.
P.O Box 7944
Petach Tikva Kiryat Matalon Israel

Tel: +972-3-9282504 Fax: +972-3-9212-348
Email: israel@aerosol.co.il Web: www.aerosol.co.il

ABOUT US

Aero Sol – Aeronautical Solutions Ltd has started its way as a UAV platform manufacturer for the leading Aerospace industries in Israel. The primer specialty of **Aero Sol** was design, development and production of custom UAV structures, parts and components to meet the high-end requirements of the aerospace industry.

From the very beginning, the main goal of **Aero Sol** has been to simplify the development and production processes of new custom products in order to meet the special requirements of our clients. To achieve this goal, **Aero Sol** has adopted the full-cover policy that accompanies the client as an integrate part of the development, design and mass production process.

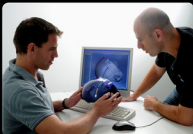
This policy assures that the final product will answer the exact needs of the client and reduce costs significantly.

Since its inception, **Aero Sol** has grown rapidly to expand its expertise in the field of composite materials. The company's approach enables to reduce the costs of the aerospace technology's high-end quality and to penetrate into other different markets, delivering high quality of service and production, making composite material technology affordable.

Aero Sol's main uniqueness is its ability to deliver a product, from prototyping to serial production, to meet the client's requirements and unique needs within a short time schedule.

A mission that positions **Aero sol** as one of the leading composite material companies in Israel.

From prototypes to serial production, **Aero Sol** is your dedicated partner, committed to deliver your project Beyond your expectations.



AMONG OUR CLIENTS



Elbit Group
Land Systems, Silver Arrow, Cyclone, HIMS.



Controp
Electro-optical and precision motion control systems.



Tadiran
EW systems, Communication Jamming systems, C&SR systems and Spectrum Control systems.



Aeronautics
Unmanned aerial vehicles, CA, ASR systems.



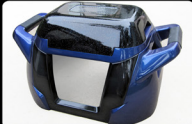
Clear - ba systems
chuff & fair magazine



IAI - Israel Aerospace Industries
Military and commercial aerospace technologies.

PAYLOADS & CAMERA ENCLOSURE

- Aerial, Naval, and ground custom made camera enclosures and payloads, according to customer requirements.
- Impact resistance.
- Thin shell, complex geometry.
- Material modifications: re-engineering aluminum to composite for weight reduction.
- Air and nitrogen sealed.
- Environment resistance: pressure, temperature, UV, sea water.



PARTS & COMPONENTS

Development, design and production of various structures, parts and components for various needs of the aerospace industry.

We specialize in modification of parts & components from conventional metals to composite materials for weight reduction improved strength and complex geometry.

- Design and development of composite material components.
- Engineering of innovative solutions Production of Models and prototypes
- Tooling and manufacturing capabilities for small scale\ serial production
- Enclosures and structural parts EMI/RFI shielding

High efficiency in producing complex projects in limited time frames, while maintaining strict quality control standards.



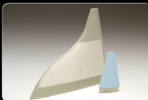
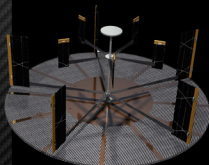
RADAR DOMES & ANTENNAS

Design, development & production of Radoms, Antennas and reflectors in various configurations, shapes and sizes for airborne, naval and ground use.

Custom design according to required frequency and strain distribution.

Innovative design & production methods.

Quality control and supervision according to the highest standards and requirements.



HELMET & HEAD GEAR PROTECTION

Aero Sol has established its status as certified MIL-STD pilot helmet manufacturer. In cooperation with ELBIT SYSTEMS, we have developed the next generation of Aramid based pilot helmet shell to meet the requirements of MIL-DTL- 87174A.

- Design, development & production of airborne pilot helmets
- Custom design of helmet mounted module & payload covers
- Custom design of firefighters helmets, shells and covers
- Design & production of head mounted gear for military special operation forces.



UNMANNED AERIAL VEHICLES

Aero Sol has years of accumulated experience in delivering high-end aeronautical parts and platforms to the leading UAV industries in Israel, as well as development and production of a self designed Mini UAV system.

- Aeronautical engineering
- Manufacture process design
- Design, development & production of full scale platforms
- UAV optimization programs and upgrades
- Turn key projects and solutions

