



RV CONNEX

A-KIT

**ELECTRICAL & MECHANICAL
PRODUCTION CAPABILITIES**



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Backed by advanced in-house capabilities, proven engineering expertise, and over years of hands-on experience in aircraft upgrade and modification programs, RV Connex provides fully customized A-Kit production—both mechanical and electrical—for aircraft modernization and manufacturing. Our services cover a broad spectrum of mission-critical requirements, including cockpit and avionics upgrades, national data link suite integration, and weapons system installation.



COMPOSITE
PARTS

ELECTRICAL
PARTS

MECHANICAL
PARTS



MECHANICAL PARTS

Our highly skilled team specializes in the fabrication of precision-machined and sheet metal parts. We employ advanced processes such as:

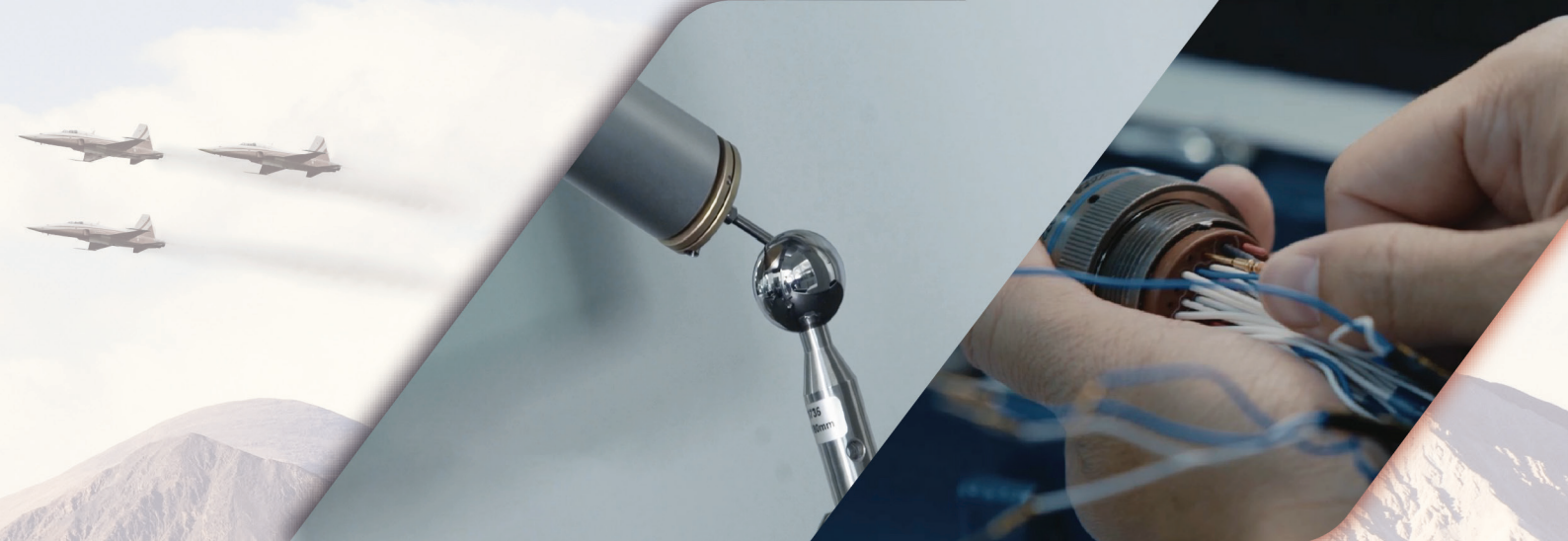
Manufacturing Processes:

- Precision CNC machining.
- Precision CNC lathing.
- CNC sheet metal bending.
- Sheet metal hand crafting.

Special Processes:

- Chemical conversion coatings.
- Non-Destructive Testing (NDT).
- Heat treatment.
- Aerospace-grade painting.





COMPOSITE PARTS

Our composite production capabilities include fiberglass, carbon fiber, and Kevlar parts, using diverse fabrication methods such as:

- Hand layup with oven curing.
- Vacuum infusion techniques.
- Prepreg layup with autoclave curing.



ELECTRICAL PARTS

Our highly skilled team specializes in the fabrication of precision-machined and sheet metal parts. We employ advanced processes such as:

- Cable harness manufacturing (for all cable types).
- Laser cable marking.
- Custom termination and testing for high-reliability systems.

QUALITY MANAGEMENT SYSTEM

RV Connex is certified to ISO 9001 and AS9100D, demonstrating our commitment to aerospace-grade quality in every project. Our production personnel also maintain certifications in:

- IPC/WHMA-A-620 – Acceptability for Cable and Wire Harness Assemblies.
- IPC-A-610 – Acceptability of Electronic Assemblies.

These certifications reflect our dedication to maintaining rigorous quality standards across all internal processes, ensuring high-performance, mission-ready solutions.



STANDARDS COMPLIANCE

Across all phases—design, development, manufacturing, and testing—we strictly adhere to internationally recognized standards, including:

- STANAG – NATO Standardization Agreements.
- U.S. Military Standards (MIL-STD).

This compliance ensures our products meet operational and mission-specific requirements with precision, durability, and long-term reliability.





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Electrical and Mechanical Solutions Tailored to Your Specifications



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Disclaimer: In keeping with our policy on continuous product
improvement, all specifications are subject to change at any time.

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