



# INNODYNE SYSTEMS

FCAH AEROSPACE

## SHEET METAL & MECHANICAL COMPONENT REPAIRS

Innodyne Systems offers sheet metal and airframe mechanical (non-accessory) repair services for a variety of component categories, including Flight Controls, Nacelle Cowls, Exhaust Systems, Engine Mount Yokes, and much more. With expertise in repair parts fabrication, resistance welded repairs, roller and pressure swaged bearing installation and more, we have a wide range of offerings in this area.

As with our composite repairs, we utilize FAA/EASA DER repairs and Repair Specifications for components whenever possible to save time and expense. We also stock certain exhaust system and nacelle items for AOG support.

Our capability list-based ratings allow us to add part numbers as required. Feel free to inquire about any sheet metal or airframe mechanical item requiring repair. Email us at [info@innodynesystems.com](mailto:info@innodynesystems.com) or call us at **860-242-2442**.

CRJ/Challenger Engine Core Cowl



CRJ/Challenger Engine Mount Yoke



Dash 8 Exhaust Systems



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## COMPOSITE COMPONENT REPAIRS

Innodyne Systems offers airframe composite repair services for a variety of component categories, including radomes, landing gear doors, fairings, winglet tips, flight controls, and much more. Whether requirements call for a carbon fiber hot-bond repair, kevlar wet layup, or electrical bonding restoration through wire mesh replacement, Innodyne Systems will provide outstanding repair support for all your needs.

Our advanced technology and experienced team ensure that we produce fast, high-quality results at a reasonable cost. A significant percentage of our repairs in this area utilize FAA/EASA DER and Repair Specifications processes for components that might otherwise be scrapped. We utilize simpler, less expensive repair techniques on non-structural components whenever possible. We also stock a wide range of laminating materials, adhesives, and surfacers to meet OEM specifications such as Bombardier, Embraer, and others.

Our capability list-based ratings allow us to add part numbers as required. Feel free to inquire about any composite item requiring repair. Email us at [info@innodynesystems.com](mailto:info@innodynesystems.com) or call us at **860-242-2442**.

Challenger SatCom Cap



CRJ 700/900 Plenum



Dash 8 Leading Edge



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## APU SILENCING SYSTEMS

Innodyne Systems offers repairs to APU silencing systems for Bombardier Aerospace and Embraer aircraft with support for acoustic materials, including mesh covered honeycomb, Feltmetal, and stainless steel sheet materials. Repairs include localized repairs or complete Feltmetal replacement as necessary.

We also offer exchange units for Embraer 170/175/190 series APU Exhaust Liners, Bombardier Dash 8 Q400 complete APU Exhaust Systems, and Bombardier Global Express APU Exhaust Mufflers.

Our capability list-based ratings allow us to add part numbers as required. Feel free to inquire about any APU silencing component requiring repair. Email us at [info@innodynesystems.com](mailto:info@innodynesystems.com) or call us at **860-242-2442**.

Dash 8 Q400 APU  
Exhaust Silencer Liner



Embraer 170/175/190  
APU Exhaust Silencer Liner



Dash 8 Q400 APU Inlet



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## ELECTRICAL COMPONENT REPAIRS

Innodyne Systems offers electrical repairs for a wide range of electrical and electronic components used on many regional and business aircraft. Our specialties include cockpit control panels, control units, position transmitters, junction boxes, and drain masts.

We also have extensive capabilities for Bombardier Aerospace Dash 8 and CRJ engine and other system wire harnesses. Our close relationship with the OEM ensures that your harnesses are repaired to the same specifications as when they were originally manufactured. In addition, we have unique capabilities for Dash 8 AFCS Interface units, Autofeather Controllers and F/A Control Panels.

Our capability list-based ratings allow us to add part numbers as required. Feel free to inquire about any electrical component requiring repair. Email us at [info@innodynesystems.com](mailto:info@innodynesystems.com) or call us at **860-242-2442**.

Dash 8 FADEC Wire Harness



CRJ Control Panel



Dash 8 PEC A Wire Harness



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## EMBRAER E170/190 COCKPIT MODULES

Innodyne Systems offers a full range of Embraer E170/190 cockpit module repair services. From switches, lighting, and other related component replacement as well as facing panel refurbishment services, and service bulletin compliance, your cockpit modules will be repaired to factory quality. We stock the most common repair parts to ensure a quick turn around time for your cockpit modules.

Our capability list-based ratings allow us to add part numbers as required. Feel free to inquire about any electrical component requiring repair. Email us at [info@innodynesystems.com](mailto:info@innodynesystems.com) or call us at **860-242-2442**.

Powerplant Module  
170-00626-409



Pilot/Co-Pilot Jack Module  
170-16907-403

