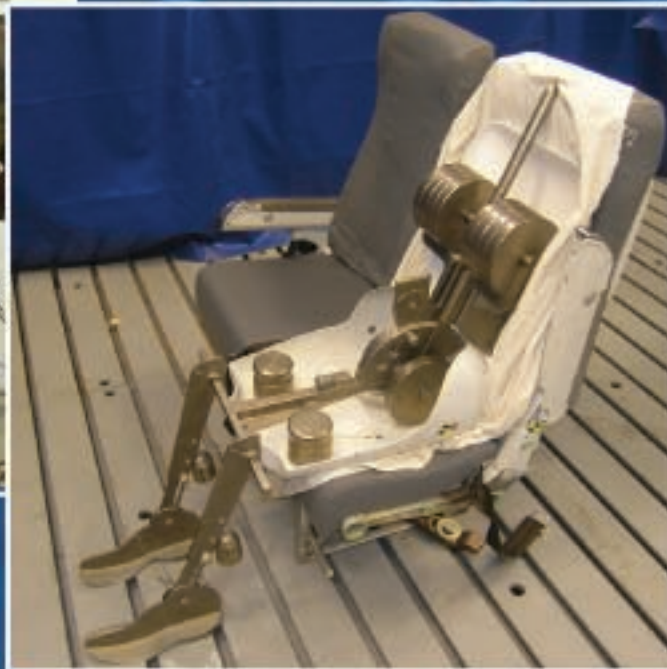


# MGA Research Corporation Aircraft Test Services



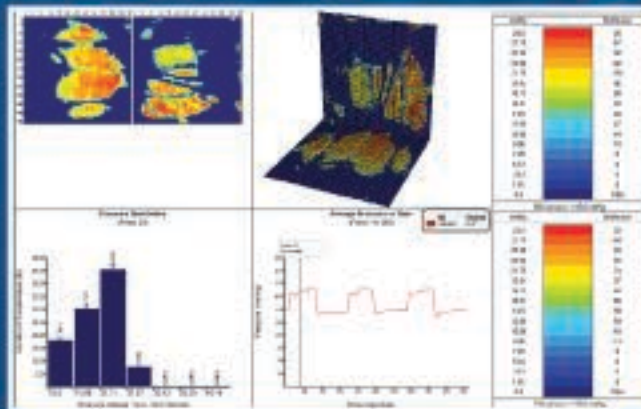
# The Leader in Aircraft System Testing

MGA Research Corporation is an industry leader in aircraft system development and testing services. Our experienced Engineers and unbeatable flexibility will assist you in developing the best aircraft products on the market. If you have any questions regarding our testing services or lab availability, please do not hesitate to ask. Just give us a call to [Discover the MGA Advantage](#).



## Engineering Services

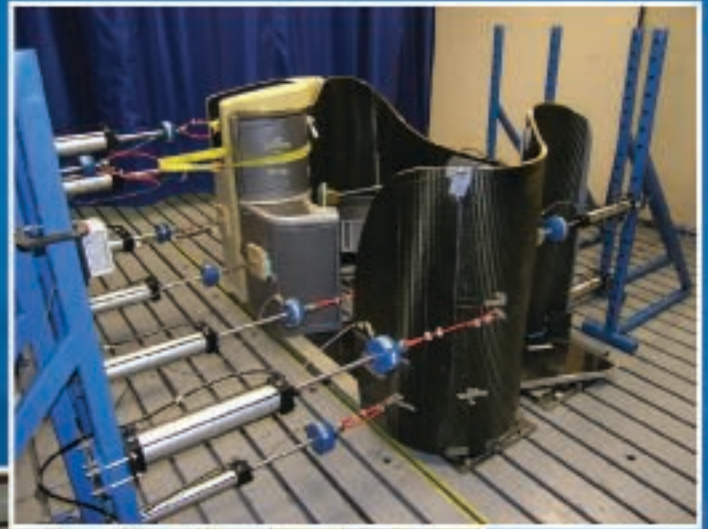
- Test Plan Development
- FAA Certification
- Custom Fixturing
- Cushion Evaluation and Analysis
- Benchmarking
- Deformation Analysis
- Photometric Analysis
- SRP Evaluation
- Strain Data Collection
- ATD Calibration
- Torque, force, and displacement measurements



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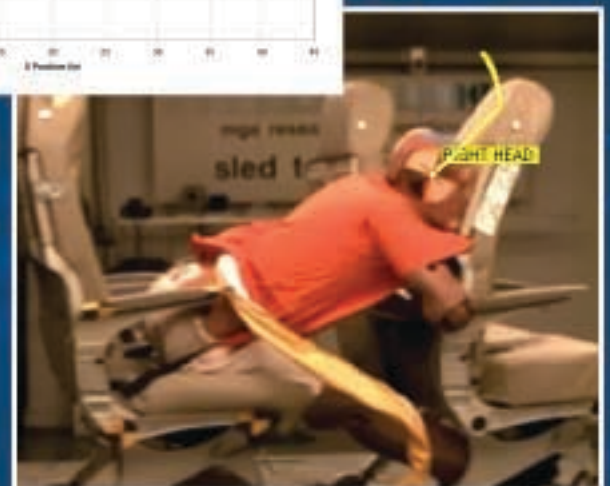
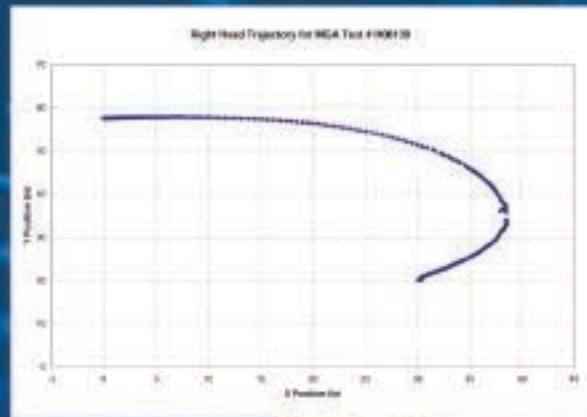
# Static and Component Test Services

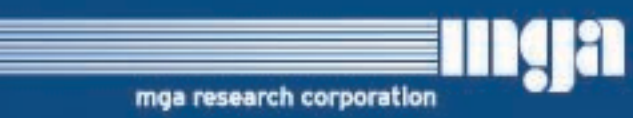
- Structural Testing
- Flammability and Corrosion
- Vibration and Durability
- Load Fatigue
- Restraint Testing
- Adjustment Mechanism Testing
- Head Impact Analysis
- Jounce and Squirm
- Temperature and Humidity
- Lifecycle and Reliability Services
- Vibration and Durability Services
- Impact Services
- Environmental Services



# Dynamic Test Services

- FAA Regulations (SAE AS8049)
- Part 27 and Part 29: Rotor Aircraft
- Part 25: Commercial Aircraft
- Part 23: Acrobatic Aircraft
- Row-to-Row HIC Tests
- Structural Testing
- Component Testing
- Restraint Testing
- Custom Sled Pulses Available





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