


Case Histories: Aerospace

Biach engineers respond to one of a kind problems encountered by customers in many diverse industries.

Pedestal Mounts on Space Shuttle	
<p>Customer: NASA / JFK Space Center / Lockheed</p> <p>Problem: NASA required a means of providing critical loads on studs anchoring booster engines to launch pad.</p> <p>Solution: Biach developed a special two-stage tensioner to provide the extra high loads and met the critical specifications by NASA.</p>	
Aircraft Assembly	
<p>Customer: Rockwell International</p> <p>Problem: Customer was using tapered bolts which had to be pulled (tensioned) to a high load level in order to properly join wing segments to fuselage on the B-1B bomber. Clearance was practically non-existent.</p> <p>Solution: Biach developed a small custom pivotal unit which provided a high axial load to accomplish customer's requirements. There was no available tool on the market which could handle this application.</p>	