



PREMIUM PRODUCTS WITH PREMIUM SERVICE FROM AN ESTABLISHED OEM PROVIDER

SOFTGOODS/UPHOLSTERY CAPABILITIES

Duncan Aviation has a wide array of upholstery and softgoods capabilities from cutting complete carpet sets to kerfing the backside of aluminum honeycomb sheets. Our team includes experts who digitize patterns, inspect and mark leather for flaws, perform CNC softgoods cutting and sewing and foam constructions. The team has produced PMA'd products, utilized documented standardized upholstery procedures and has assembled foaming / sewing instruction manuals for most of our repeatable designs.

PRECISION & STANDARDIZED DESIGNS

Duncan Aviation uses a Taurus XM Fabric Cutting Machine, which allows for precision repeatable and standardized designs to be produced. With a 132" x 106" x 0.375" capacity, this machine can cut a variety of textiles from cloth to leather to light foam. It has four individual cutting heads, which is great for producing multiple ship sets. Working with the digitizing table, we can digitize patterns and turn patterns into cuttable styles. Each cuttable style can be zoned to accept up to four different flaws within the pattern, thereby increasing yield. We can either nest by hand or autonest for maximum yield. And material for heel mats or cupholder inserts can be cut on the fly.

CUSTOMER BENEFITS

- Prototype to production
- Minimal setup time
- Just-in-time manufacturing
- Wide range of materials
- Standard pricing
- Computer-controlled accuracy
- Programmable specifications
- Turn patterns into cuttable designs
- Utilization of CATIA 3D modeling increases
- Maximum yield from materials programming and return times

PROVEN TRACK RECORD

- Created many exotic parts fabricated over the years
- Created complex GBP panels

