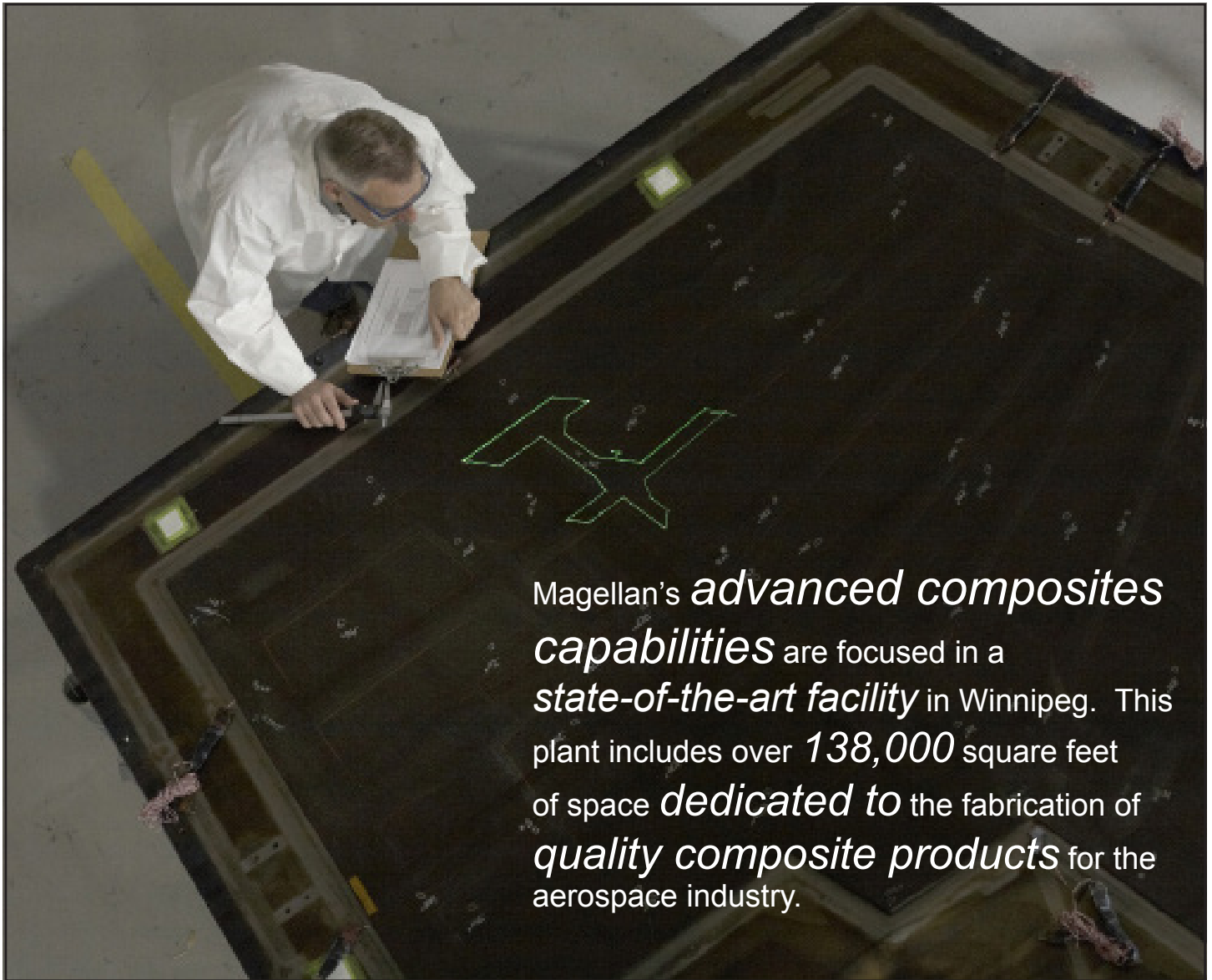
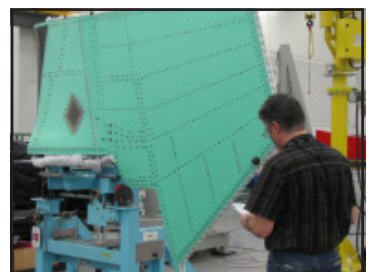
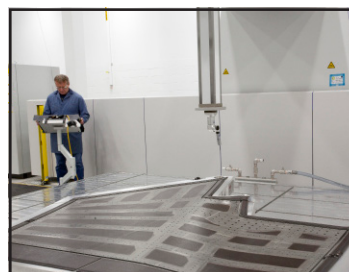
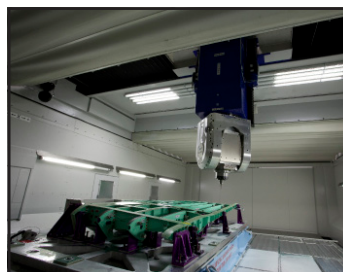


ADVANCED COMPOSITES CENTRE OF EXCELLENCE



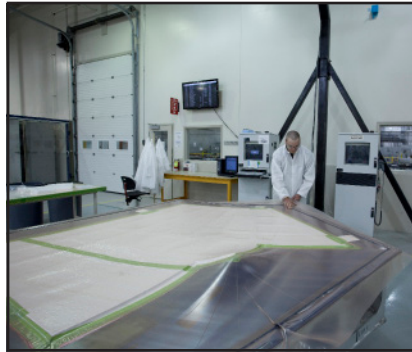
Magellan's *advanced composites capabilities* are focused in a *state-of-the-art facility* in Winnipeg. This plant includes over *138,000* square feet of space *dedicated to* the fabrication of *quality composite products* for the aerospace industry.

ENVIRONMENTALLY CONTROLLED • STATE-OF-THE-ART MANUFACTURING CAPABILITIES



ADVANCED COMPOSITES

- Complex contoured fabrication of structural components
 - Carbon/Epoxy
 - Carbon/BMI
- Autoclave curing
- Post-curing of laminates in dedicated ovens
- Integrated manufacturing from the model using FiberSIM for both cloth cutting and laser projection
- Capability supported by 10' x 36' and 10' x 30' autoclaves



Layup



Layup

COMPOSITES TESTING & NDI

- Composites inhouse testing
 - DMA testing
 - Mechanicals (tensiles/compressions)
 - Adhesive bonding
 - Digital photomicrographs
- Non Destructive Inspection
 - Laser ultrasonic
 - PE and TTU water scanner
 - Immersion tank
 - X-ray
 - FPI



Cure



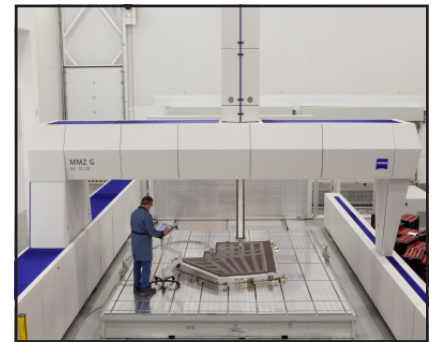
Post cure



Laser NDI



Precision Milling Machine



Coordinate Measuring Machine

ABOUT MAGELLAN AEROSPACE

Magellan Aerospace is a global enterprise providing integrated products and services to the aerospace industry worldwide. Magellan designs, engineers, and manufactures aeroengine and aerostructure assemblies and components for aerospace markets, advanced products for military and space markets, and complementary specialty products. Magellan Aerospace is a public company whose shares trade on the Toronto Stock Exchange (TSX: MAL), with operating units throughout Canada, the United States, the United Kingdom, Poland, and India.

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