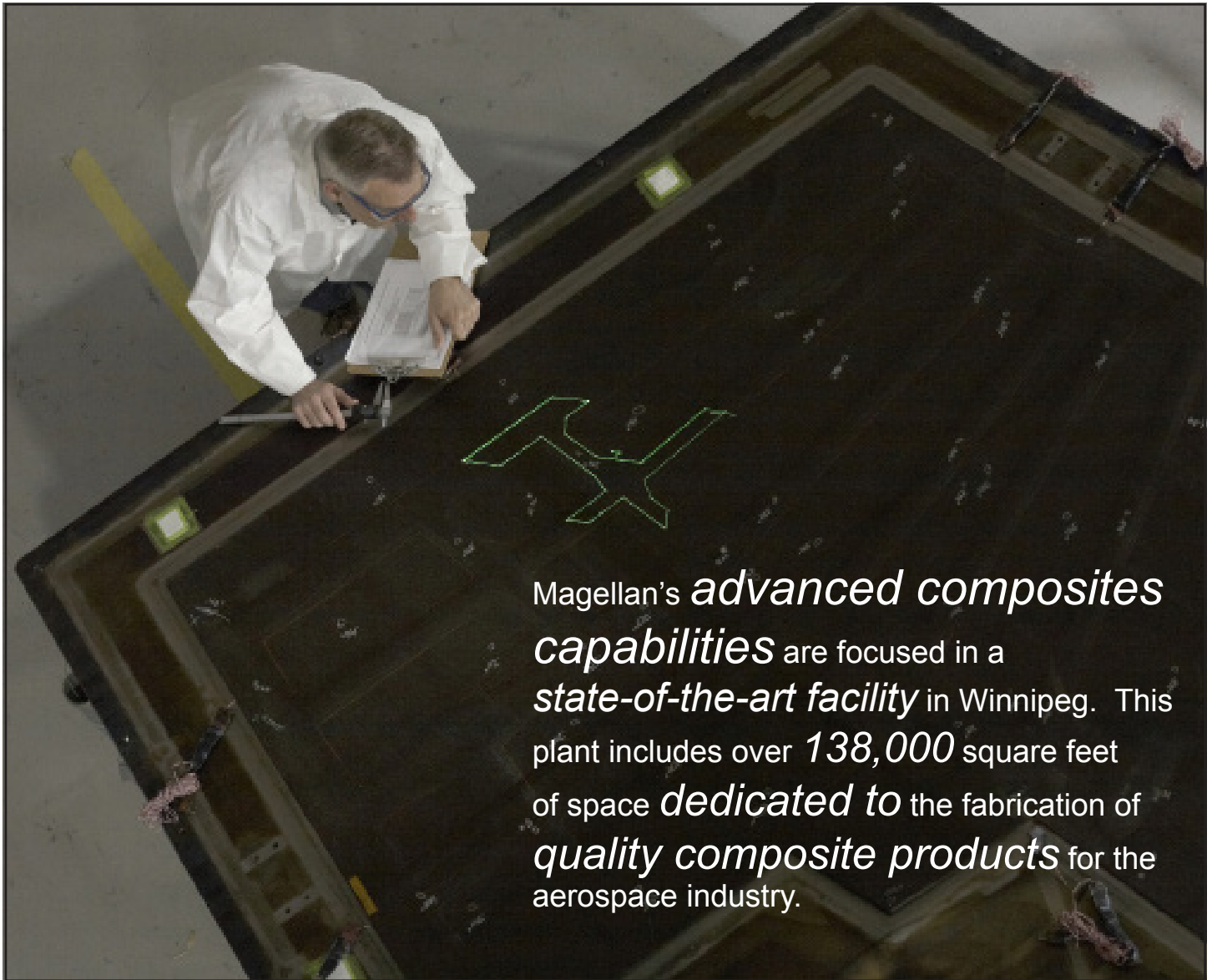
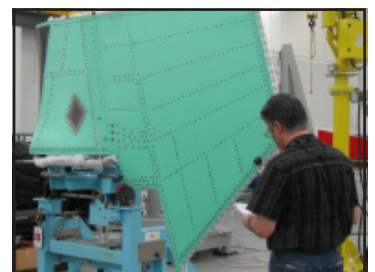
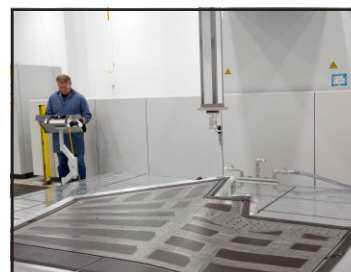
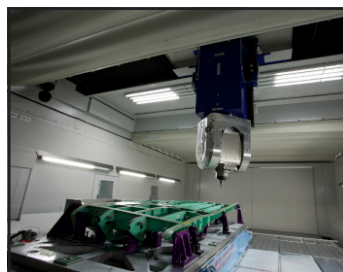


ADVANCED COMPOSITES CENTRE OF EXCELLENCE

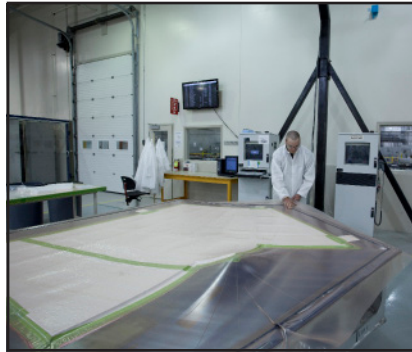


ENVIRONMENTALLY CONTROLLED • STATE-OF-THE-ART MANUFACTURING CAPABILITIES



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



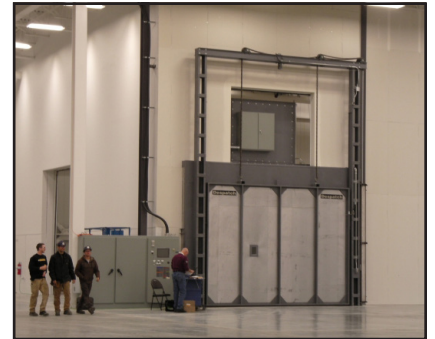
Layup

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



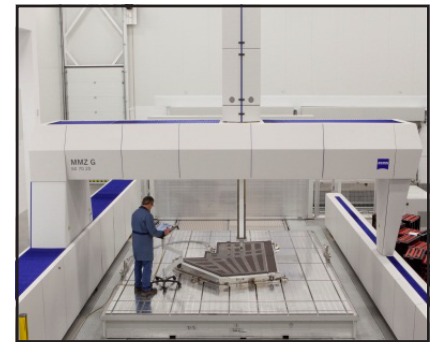
Post cure



Laser NDI



Precision Milling Machine



Coordinate Measuring Machine

ABOUT MAGELLAN AEROSPACE

Magellan Aerospace is a global aerospace company that provides complex assemblies and systems solutions to aircraft and engine manufacturers, and defence and space agencies worldwide. Magellan designs and manufactures aeroengine and aerostructure assemblies and components for aerospace markets, advanced proprietary products for military and space markets, and provides engine and component repair and overhaul services worldwide. Magellan is a public company whose shares trade on the Toronto Stock Exchange (TSX: MAL), with operating units throughout North America, Europe, and India.

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