

cormertm AEROSPACE

Global Integration Partners

Panel 1

Manitoba Priority Technologies for Economic Development

January 16, 2013

Cormer's Perspective on Priority Technology for the Manitoba Aerospace Industry ...

- High Speed Machining Techniques
 - Required to be competitive in today's market place
 - High cost barriers to entry
 - Experience level and cost exceed that of what can be expected from post secondary education intuitions

Cormer's Perspective on Priority Technology for the Manitoba Aerospace Industry . continued

➤ Automation

- High cost barriers to entry
- Requires workforce with skills beyond typical CNC operators
- One of the single biggest factors in key to competitiveness vs. low cost centers.
- Critical on complex work to maintain consistency

Cormer's Perspective on Priority Technology for the Manitoba Aerospace Industry . continued

➤ Multi Tasking Machinery

- High cost barriers to entry
- Requires workforce with skills beyond typical CNC operators
- Critical on complex work to maintain consistency and accuracy

Cormer's Perspective on Priority Technology for the Manitoba Aerospace Industry . continued

- Collaboration between companies in terms of like technology
 - Similar platforms of base technology
 - Strategies for sharing information (CAD technology)

Cormer's Perspective on Priority Technology for the Manitoba Aerospace Industry . continued

➤ Composite Centre of excellence

- Out of Autoclave technologies – develop expertise in lower cost /higher turn alternatives to autoclave processing of composites
- Resin infusion
- Low cost tooling
- Incorporation of machined details into assemblies