

Technologies for Economic Development of Manitoba's Aerospace Industry Technology Road Map (TRM)

Terms of Reference for TRM Thrust Team

1. Introduction

Manitoba has a vibrant and successful aerospace industry that has been built on entrepreneurship, effort and productivity. As highlighted in the recent workshop, technology is the basis for continuing success and there is a requirement to define a technology development strategy for economic success. The Manitoba Aerospace Association, EnviroTREC and WestCaRD have partnered to address the development of the Technology Strategy Document through a Technology Roadmap process.

The purpose of this document would be to provide structure and coordinated vision to the technology development activities necessary to advance the economic development of Manitoba's aerospace industry. It would provide a strategic vision of the community's aspirations based on a realistic and coordinated review and analysis of the current plans and aspirations of individual members of the community. Essentially, the intent is to develop a Manitoba based Technology Strategy Document that could productively contribute to a number of areas such as:

- Communicate Manitoba's technology development priorities and requirements both internally and externally
- Responding to opportunities arising from the Aerospace Review as well as more immediate opportunities such as those arising from CRIAQ, GARDN, CCMR&D and NRC
- Development of technology partnerships within the community
- Development of technology partnerships external to the community
- Decision making by funding organizations
- Provide direction and priority to be used by the academic community to align their initiatives with the strategic direction(s) of the Manitoba industrial community.
- Provide the technology component of the overall sector strategic plan being developed by Destination Winnipeg.

2. Critical Technology Thrust Areas

The Steering Committee will define the Technology Thrust Areas. Potential Thrust Areas arising from the Workshop include:

- Composite Materials;
- Gas Turbine MRO and Advanced Manufacturing;
- Airframe MRO and Advanced Manufacturing; and
- Gas Turbine Test Technology, particularly Cold Weather Testing.

The enabling priority technology areas described in the Workshop Summary Report can be grouped within these headings.

3. TRM Technology Thrust Team Mandate

Under the general guidance of the TRM Steering Committee, each Technology Road Map Thrust Team will:

- Ensure there is appropriate membership on the Thrust Team
- Ensure that critical aerospace technology issues related to their assigned technology area is addressed.
- In collaboration with the TRM Steering Committee, identify and appoint a Thrust Team Chairperson from industry and a Deputy Chairperson from a supporting organization;
- Develop linkages with other organizations and initiatives working to develop environmentally related technologies in their thrust area.
- Complete the Thrust Area Report in the attached format
- Provide input on a recommended strategy for the implementation of the recommendations arising from Thrust Team discussions.

4. Composition

- Each TRM Thrust Team will be chaired by a senior industry representative with a Deputy Chair from a supporting organization such as the Manitoba Aerospace Association, Industrial Technology Center, EnviroTREC, or WestCaRD to support the Chair.
- The membership of the Thrust Team should be representative of the Manitoba aerospace community including large industry, small and medium enterprises, academics, and related organizations and government representatives from relevant ministries.
- Participation in the TRM Thrust Team is voluntary.

5. Communication with the Public

All inquiries with respect to this TRM shall be referred to the Chair of the TRM Steering Committee.

6. Expenses

Members of the TRM Thrust Teams are responsible for their own expenses.

7. Attendance and Participation at Meetings

Participation in Committee discussions shall normally be limited to Committee members and assigned staff. Invited guests and other members of the public may participate with the approval of the Chair.