

National Turbo-machinery & Propulsion Incorporated

The Mass x Velocity Continuum

Advanced Projects Portfolio - Engines R & D

- NTPI-ACN : "Velocity" series of altitude compensating nozzles
- variable geometry linear aerospike
- variable nozzle vector control
- variable throttle control and thrust vectoring

Engine thrust:

- ACN-L-50: 50,000 lbf, ACN-L-100: 100,000 lbf,
- ACN-L-200: 200,000 lbf, ACN-L-250: 250,000 lbf

- modular stackable design for mission capabilities
- primarily kerosine, Jet A and high energy fuels

- augment electrodynamic technology
- multi-physics and multi-dimensional physics

- space launch and high altitude missions
- mass reduction technology

- Single state to orbit – SSTO – vehicle
- augment and amplify UFM flight characteristics

- energy acquisition, fuel refinery, fuel production, storage, transport
- fuel research, hydrogen production, kerosine, Jet A and high energy fuels

- fuel containers, fuel lines, fittings, hardware, controls, pumps, governors
- fuel and engine cooling, ignition and combustion thermo-physics research

- friction reduction and shield generator technology
- hypersonic vehicle and weapon systems

- space environment technology research
- Fortanium Advanced Materials Inc. - metal/mineral matrix, meta materials and super alloys

- integrated space vehicle design engineering
- integrated advanced propulsion co-development

This really is rocket science and some people really like to burn fuel...lots of fuel.

"The most awesome engine portfolio in Canada!"

A new altitude in performance and speed in the Mass x Velocity Continuum.

As above – so below, as within – so outwardly

Thy will be done on earth as it is in heaven...

"My God, this is a rocket!" Dedicated to Jack Woodman