

Comeau Aerospace Inc. - Advanced Projects
Ultimate Flying Machine Design Engineering Projects

CAI-803 Ultralight Series

- ultralight aircraft series
- compact, portable, fast deployment
- limits of empty weight and loaded weight and strength optimisation;

- conventional and advanced materials;
- production and operational cost optimisation;
- robust design, high performance with maximum glide to safety;

- 1-4 person vehicle and cargo options;
- open and enclosed cabin features;
- auxiliary and optional equipment;

- extreme reliability mission tasking – simple, robust, efficient;
- multi-purpose and demanding performance specifications;
- rough terrain, low service requirements, easy to maintain;

- long term value and durability;
- fun and easy to fly and operate;
- options: amphibious, wheels, skis, cargo;

Engines:

- advanced pulsejet technology with noise and temperature reduction/cancellation;
- variable geometry intake and exhaust nozzles, thrust vectoring;
- NTPI custom fuel ignitors, filters and air/fuel mixture control;
- custom engine array for V/STOL

Efficient Technology Research and Integration:

- electric and alternative science, energy and propulsion research;
- automotive, aviation, biodiesel and high energy fuels;
- engine, propulsion, multi-fuel, multi-fuel and zero fuel systems research;
- advanced ultra-light airfoil and flight control technology;

The CAI-803 Ultralight Series

The Ultimate Flying Machine Adventure