

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

**CAI-802 Wizard of Aerodynamics:**

- Variable Geometry Wing experimental research and development technology;
- sub-sonic, trans-sonic, super-sonic and hyper-sonic vehicle research;
- integration deployment of micro and macro technology;
- applied research and development for mission capabilities optimisation;
- aerodynamic characteristics, flight control elements and mission agility;
- atmospheric and environment conditions optimisation;
- extreme performance conventional and advanced technology and materials;
- enable, augment and amplify vehicle performance specifications;
- compressive and non-compressive flows;
- thermo-dynamic research optimisation;
- advanced production and assembly;
- wind tunnel, marine and submarine dynamics research facilities;
- moveable, rotary and fixed aero-structural technology;
- advanced levitation and propulsion technology;
- space craft, launch and re-entry optimisation;
- acoustic and signature reduction;
- flight dynamics research, lift, drag, thrust, speed, control ;
- dedicated role and multi-purpose applied research and integration;
- integration and optimisation of fuselage;
- many products and services for marine, aircraft and spacecraft technology;

**The CAI-802 Wizard of Aerodynamics**

The Ultimate Flying Machine Adventure