Comeau Aerospace Inc.

Ultimate Flying Machine - Design Engineering Projects

CAI-570 "Trumpeter Swan" -

- Trumpeter Swan design elements with amphibious hull
- State of the art for engineered strength, light weight & aero design
- Excellent low and medium speed flight characteristics; STOL
- The ultimate in safety, flight control, performance and utility features
- Reliable, rugged, spacious and comfortable with long range mission tasking
- Electric, hydraulic and manual controls
- Retractable landing gear
- A very smooth quiet ride with little turbulent effects, super quiet...
- Enhanced performance, economy, value and style
- Versatile, fast climb for rough water and mountainous terrain
- High lift aerodynamic design enables greater useful load with performance to spare.
- Tactical Air-lifter, Search & Rescue, Cargo, Enterprise and Special Operations Logistics
- Massive “back” cargo bay doors, aft entry ramp doors and cargo/rescue doors

Advanced Projects Research Elements:

- Orenda Engines Limited: variable geometry thrust vectoring engines;
- As-Garde Aerospace and Electrodynamics Inc. :
- Advanced high lift precision control surfaces and thrust to weight ratios
- Fortanium Advanced Materials Inc. : structural, acoustic and signature research
- Aero-mechanical and maneuvering research, macro/micro element thrust, control, lift, drag
- articulating aero-mechanical technology, variable geometry wing and airfoil research
- Computational Fluid Dynamics, Finite Element Analysis and Aero Structural Research
- Brilliant technical genius – the who knows what research department...
- more individual creative imagination, magic, geometry and number crunching research...

CAI-570 Trumpeter Swan

- Orenda Engines Limited : Advanced Electrodynamic Turbine Pulse Jet
- conventional jet fuel and/or Icosahedron Hydrogen Generator Fuel System Inc.
- Range:
- Climb Rate:
- Empty Weight:
- Useful Load: 10,000 lbs
- Max Takeoff weight:
- 12-24 person, variable cargo & gear
- Service Ceiling : 25,000’
- Max speed : 200 kts/230 mph – first you get good, then you get fast...
- Length : 95’, Wingspan : 80’

Jetstream Vision

- *Price:* *R & D:*
- *Production Vision:* proto-type, super proto-type and production aircraft : 12
- *Job Creation Vision:* 250 long term jobs, high value added
- *Investment & Acquisition Vision:*
- *Colour Vision:* polished poly alloy, stealth and custom
- *Pilot Vision:* The future is so fantastic...it is nothing like we have now except for the Trumpeter Swan based on the design from the ultimate aero-mechanical engineer...the rest is so incredible it is mostly classified...for the pilot who dreams of flying like a bird...

CAI-570 Trumpeter Swan - the future is fantastic!

The Ultimate Flying Machine Adventure!

© 2026 Comeau Aerospace Inc.