

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

**CAI-816 Tower : ACI-816 la Tour**

- a tactical air lifter, operations base camp and command centre;
- general, dedicated and emergency mission tasking in demanding environments
- high speed tower deployment for perimeter and zone control;
- general and custom communications suite of options;
- counter-measures and other tactical deployment options;
- rough topography, ice, snow and marine capabilities (including submergence);
- dense and extreme environment, confined and open spaces;
- local air traffic control or marine craft control space options;
  
- scientific, natural resources, weather, marine research;
- wildlife observation, invasive and hazardous species management;
- geological, prospecting and materials lab modules;
- eco adventure expeditions - base camp and rendezvous points;
- boots on the ground for rapid deployment;
  
- emergency aid and medical facilities modules;
- emergency humanitarian aid and rescue supply modules;
- food supply and kitchen modules;
- extended expedition food generation modules;
- emergency shelter logistics modules;
- container and pallet deployment modules, including fuel tanks;
- human waste facilities logistics for disaster or convergence zones;
  
- fire hazard detection, base camp and extreme environment rated;
- can be equipped with well drilling or water extraction equipment;
- high speed portable cistern placement;
- craft in craft remote reconnaissance and event verification;
- deployable land and marine craft water cannons;
  
- optical and weather technology, variable custom camouflage or evident;
- built in autonomous energy and waste management systems;
- vertical and horizontal vertical (VTOL) and short (STOL) take off and landing;
- expandable multi-module high speed segment connection and deployment;
- all segments with corresponding individual and integrated propulsion and control;
- detachable and deployable segment options mission configured;
  
- telescopic cylinders modules, winch and material personnel platform;
- platform extension and zip line cannons - with aux cable tower anchors;
- powered gondola or personal zip line options;
- remote zip line logistics vehicle, cable spools and anchoring equipment;
- landing vehicle platform modules;
  
- nothing like it on this planet...this could help save a lot of lives and add to the quality of life on any kind of expedition, environment, research project or other emergency situation....

**The CAI-816 Tower**

***The Ultimate Flying Machine Adventure***