

COMEAU AEROSPACE INC. - THE ULTIMATE FLYING MACHINE SERIES
AÉROSPATIALE AGV – RENAISSANCE, TRANSFORMATION & EVOLUTION



AGV PROJECTS – AERODYNAMICS, GEOMETRY & VELOCITY
STRATEGIC, TACTICAL AND COMMERCIAL TRANSPORT LOGISTICS
CIVIL AVIATION, REGIONAL JET, AERIAL REFUELING
STEALTH INVADER INTERCEPTOR
HYPERSONIC STEALTH SPACE INVADER : 1 & 2 STAGE TO ORBIT
SUPER SONIC TRANSPORT & SUPER SONIC BOMBER
INVEST, BUILD, ENTERPRISE COMMERCE, CO-DEVELOPMENT & DEPLOYMENT

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COMEAU AEROSPACE INC. - THE ULTIMATE FLYING MACHINE SERIES

AGV TECHNOLOGY DESIGN ELEMENTS

CAI-AGV - Strategic & Tactical Transport Logistics

- unified wing assembly and unified blended fuselage, stealth;
- integrated design for massive load transfer and custom build;
- inner higher sweepback and outer lower sweepback for less drag and low speed;
- long root chord and short wing span strategic and operational advantage over a swept wing;
- supreme structural strength and higher wing loading, less flex, fatigue, major life extension;
- increased internal capacity for fuel and storage, more range and auxiliary options;
- extra high lift aerodynamic design amplifies load characteristics;
- enhanced load balancing, speed range, stability and maneuverability;

- front canard wing – increase mobility, stability, lower profile and smaller turning radius;
- excellent low speed, stall and landing speed and short distance;
- high speed flight and high angles of attack throughout speed range;
- shorter takeoff with higher load, reduced pitch up in landing or takeoff;
- tail less delta wing loading limitations eliminated, and optimized operational range;

Utility features:

- passengers and freight;
- aft entry cargo doors, integrated ramp and loading system, door in door fuselage doors;
- Options: to optimize mission design elements, multi-mission, multi-role;
- Options: custom and removable seating, freight and fuel tank container modules;
- Options: low signature profile, avionics, communications and counter-measures;
- cargo and loadmaster logistics, retractable rollers, locking and weight distribution;
- integrated crane and hoist and winching;

Mission capabilities:

- tactical air to air re-fueling and operations support;
- surface, sub-surface and airspace surveillance;
- search and rescue, special operations by government departments;
- communications and logistics material deployment, commercial transport;
- National Defence, Civil Defence Network, Expeditionary Mission Logistics;
- machinery, equipment, materials, supplies, remote site logistics and infrastructure;