Company Profiles

Flight Test Concierges LLC is located in Fallon, Nevada, home of the U.S. Navy's Strike Warfare Centers of Excellence and the Nevada Institute of Automated Systems. FTC's consultants hail from Department of Defense weapons testing and advance tactical training communities. Their specialties include UAS testing, integration and training, flight test design, concept development, aviation compatibility studies and civilian emergency management. Clients refer to our team members as "concierges" due to our ability to provide services in any environment.

FTC-NV@Charter.net

Hot Rail LLC, also located in Fallon, Nevada, specializes in railroad security and safety. It uses seasoned rail safety, military and local law enforcement personnel to address criminal and public trespassing. Through buy-ins from the local government and advanced technology, our team provides constant surveillance of targeted property. Recently, our approach to eliminating trespassing received a letter of commendation from the office of U.S. Senate Majority Leader, Harry Reid.

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Clients & Experience

FTC LLC Consultants...

Proposed, developed and successfully instituted the DoD Unmanned Air Vehicles Joint Test Force (JUAV JT&E).

Were the flight test designers for DARPA $43 million project Free Space Optical Experimental Network Experiment

Were the flight test facilitators for the Naval Research Laboratory UAS Stand-in Jammer Test in Fallon, Nevada

Created the Surrogate Predator training system, supporting DoD and Allied exercises throughout the country. They completed 70 exercises in 10 years.

Participated on the proposal team that was instrumental in the designation of the Nevada Institute of Automated Systems (NIAS) as a FAA UAS Test Site.

Unmanned Aerial Systems (UAS) in Support of Railroad Operations

Department of Defense UAS knowledge, disciplines and lessons learned to solve challenges facing the Railroad industry.

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Department of Defense

Over the last decade, Unmanned Aerial Systems (UAS) have experienced an expansion in capabilities, regulation reforms, procedures development and technology (e.g. size, sensors, data links, endurance, automation, control stations, product exploitation, rules, testing opportunities, information distribution…).

Railroad Industry

The Railroad industry faces incessant challenges similar to the DoD (e.g. intrusion, trespassing, criminal activity, vandalism, route surveillance, perimeter security, damage or accident assessment, infrastructure monitoring…..).

The Way Ahead

The DoD has developed systems and procedures that relate directly to the Railroad industry (e.g. convoy escort, route screening, perimeter security, damage assessment, automated change detection, communications relay, recovery operations…).
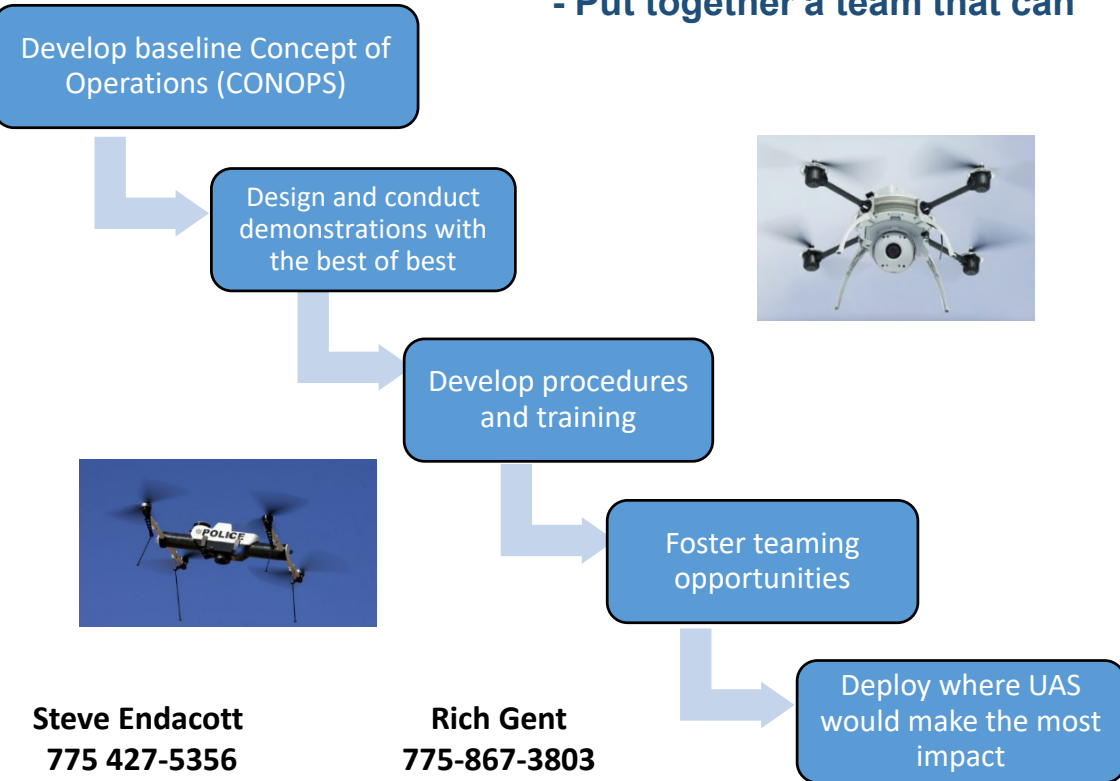

Bottom Line:
- Don't buy until you fly!
  - Don't fly until you have a plan
    - Don't plan until you understand
      - Put together a team that can

Develop baseline Concept of Operations (CONOPS)

Design and conduct demonstrations with the best of best

Develop procedures and training

Foster teaming opportunities

Deploy where UAS would make the most impact

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