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## **UAV Technology on Manned Aircraft**

Augusta, KS., (June 12, 2009) Flint Hills Solutions has successfully installed a TASE EO camera on a manned Cessna 17, providing immediate response capability to incidents, training exercises, or UAV providing EO and IR eyes anywhere that is needed, while an Emergency COA is in pending motion.

This technology enables FHS to have full video and ground command and control using the same camera and systems technology used on their UAVs. The technology allows for instant ability to train mission payload operators on the UAV technology in unrestricted airspace.

FHS received full STC FAA approval for the camera mount system and flight tested its capabilities with complete success.

The Federal Aviation Administration has issued a Certificate of Authorization for Flint Hills Solutions' Aerosonde, an unmanned aerial vehicle. The COA allows the Aerosonde to fly over Crisis City, an emergency response training area part of Great Plains Joint Training Center located adjacent to the National Guard's Smoky Hill Weapons Range. It is the result of the combined efforts of Kansas State University at Salina, Flint Hills Solutions and the Salina Airport Authority.

Having successfully received a COA, Flint Hills Solutions is capable of obtaining an Emergency COA allowing them to fly the Aerosonde in different locations across the state, including tornado disaster sites within a matter of hours.

Flint Hills Solutions' Aerosonde UAS doesn't compare to the manned Cessna aircraft, but the Cessna does provide us one more tool in the kit to bridge the day when UAVS will freely flight the National Air Space. With long endurance (12 plus hours), high altitude, no manned aircraft pilot workload, ease of steering and maneuverability, etc, the Aerosonde offers superior capability.

### **About Flint Hills Solutions, LLC**

Flint Hills Solutions is an advanced high technology and services company that provides total Unmanned Aerial Systems and Solutions to Defense, Homeland Security and the emerging Public Sectors. With a deep knowledge of the FAA requirements that will drive the development and certification of the UAS aircraft systems and payloads, Flint Hills Solutions provides training, UAS certification, payload integration, and emergency response services. Flint Hills Solutions has a long and successful track record in identifying high readiness level technologies and rapidly developing solutions to integrate these technologies into UAS applications including advanced miniaturization technology dedicated to UAS miniaturization through a partnership with Kansas State University at Salina. Flint Hills Solutions has offices in Augusta, Atlanta and Salina Kansas.