



Project/Media Update

Date: October 28, 2008
Subject: KAAV Special Missions for China now numbers 5!

For Immediate Publication

Kitchener, Ontario, CANADA – Kitchener Aero Avionics (KAAV) is well respected as one of Canada's premiere aviation avionics sales, repair, installation and integration service specialists. The focus of KAAV's technical expertise is corporate and general aviation markets. The KAAV team is pleased to announce the completion of yet another standard-setting *Special Missions* avionics project.

Project Specifics

Working once again with Flight Inspection specialists RVA Aerospace of Orangeville, Ontario, KAAV has been the short-term home to two factory fresh Citation XLS aircraft. These aircraft are owned and operated by the Civil Aviation Authority of China (CAAC) and have come to KAAV for installation of RVA AAFIS (Advanced Automatic Flight Inspection) Systems. The aircraft will serve a dual role for the owner/operator, both as official government transportation, and as Flight Inspection aircraft. This brings the total to four aircraft that KAAV has now modified for RVA and the CAAC. A fifth XLS is due to arrive before the end of the year for a similar modification package.

Each aircraft receives the installation of an AAFIS Flight Inspection System, manufactured by RVA. With over 20 years of experience in designing automatic and semi-automatic FIS, RVA boasts an international client base, including Brazil, Oman, Italy, Chile and China. They are known for their ability to adapt and integrate new technologies quickly, and offer absolutely "State-Of-The-Art", but solid, reliable and competitive FIS Systems. The KAAV team has been honoured to team with them on several of these programs.



"China 2" as it has become known in Kitchener – the third of four Citation XLS's to receive the KAAV/RVA FIS mod – just after test flying in September.



The RVA FIS system as it appears in the cabin. This installation means removal of one cabin seat but still allows the Excel to retain most of its corporate interior for use in its dual purpose of government aircraft and flight inspections.

The AAFIS System includes a suite of advanced navigation sensors from Honeywell, Ashtec, and Rockwell/Collins, - including differential GPS. The AAFIS System is also integrated into a variety of existing sensor platforms on the aircraft, and has its own dedicated set of antenna systems. Rounding out the package is a state-of-the-art Cubic Direction Finding (DF) System that is used in the analysis and location of interfering signals.

With China now ranked as one of the fastest growing civil aviation markets, the need for Flight Inspection services is increasing. CAAC has had its first two KAAV/RVA modified Citation XLS aircraft in service for three years now. With the addition of two (later to be three) new aircraft, they have added capability and capacity to enable them to continue to meet ICAO's rigid international Flight Inspection standards.

KAAV Background

In the 30 years that KAAV has been in business, they have been responsible for many industry *firsts*. In addition to conventional avionics sales, installation, and repair, the firm has become highly regarded as Canada's *Special Missions Specialists*. They have consistently delivered the highest quality and reliability in such areas as Aerial Law Enforcement, Electronic News Gathering (ENG) & Traffic Reporting, Air Ambulance (MEDEVAC), and Flight Inspection (FIS) Systems.

- 30 -



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