

FOR IMMEDIATE RELEASE:

SANDPOINT, ID June 6, 2013 – Tamarack Aerospace Group announced today that it has set a new unofficial world record with its Cessna 525 Citation Jet equipped with its Active Winglet™ Technology. The non-stop flight took place between Sandpoint Airport in Sandpoint, ID (KSZT) and the Westchester County Airport in White Plains, NY (KHPN). The flight covered over 1,853 nautical miles (or 2.5% longer than the official record) and took approximately 6 hours 16 minutes. The official 2006 record for the CJ's weight classification (3,000 – 6,000 kg gross weight) was 1,805 nm.

For the flight, the company's Citation Jet carried three adult passengers plus baggage and equipment to support the company's presence at the NBAA regional conference in White Plains, NY. The total payload was approximately 800 lb. With a full load of fuel, the airplane's takeoff weight was slightly less than 10,700 lb. Tamarack noted that this is higher than the maximum takeoff weight listed for early serial numbers of the Cessna 525.

"We took off a little heavy, but we were flying within the experimental operating procedures we have established with the FAA," said Nick Guida, Tamarack CEO and pilot for the flight. "Besides, being heavy made it more of an achievement. We were flying a CJ loaded like a CJ1+, but we climbed a lot faster and flew a lot farther than either one would normally go without Active Winglets."

To maximize range, the TAG flight crew climbed directly to FL410 (41,000 feet above sea level) and followed a flight plan that made use of a slight tailwind. Overall, the jet burned a total of 2,968 lbs. (443 US gallons) of fuel during the flight before landing in White Plains with slightly more than 45 minutes of fuel remaining, per FAA requirements for IFR operations. Block fuel burn during the flight was 479 pounds per hour (71.4 US gallons per hour).

Active Winglets are wingtip devices which improve the aerodynamic efficiency of an airplane's wing. Passive winglets have been proven to provide aerodynamic improvements on many airplanes, but with structural weight penalties resulting from the manner in which winglets modify the distribution of lift across the span of the wing during gusts and maneuvers. Active Winglets include an automatic aerodynamic surface at the wingtip which controls the lift distribution during gust and maneuver events. This provides all of the aerodynamic benefits of the winglet, while eliminating the need for increased maintenance or additional weight in the form of structural reinforcements.

"We had predicted that our Active Winglets could provide substantial improvements to the Citation Jet in terms of range and endurance, so it's not a surprise to us to see performance like this," said Mr. Guida. "But it's definitely an accomplishment, and we are all very proud of it."

About Tamarack Aerospace Group

Tamarack Aerospace Group, Inc. (TAG) is an aerospace engineering and aircraft modification company located in Sandpoint, ID. TAG has previously developed and certified two modifications for the Cirrus SR20 and SR22. The first, the Engine Control Quadrant Upgrade, is a simple non-structural modification

that returns propeller RPM control to the pilot in SR20s and SR22s. The addition of an RPM lever enables Cirrus pilots to select more optimal cruise power configurations, saving fuel and reducing cabin noise. The other modification, the Cirrus Cargo Conversion, increases cargo volume by replacing one or both of the rear seats in SR20s, SR22s, and SR22Ts with upholstered aluminum trays. The cargo trays are provided with an adjustable cargo net for securing cargo in either two or three seat configuration.

For more information on Active Winglets and other Tamarack products, visit www.TamarackAero.com or call Bill Mitchell at 855-I-FLY-TAG (435.9824); overseas: 1.208.255.4400.



Caption: Tamarack Aerospace Group's Citation Jet being prepared for its non-stop flight from Sandpoint, ID to White Plains, NY

