

AST receives its Eighth Patent (April 2013)

Aviation Safety Technologies LLC (“AST”) announced it received its eighth patent on its ground breaking aircraft connected fleet technology. On April 2, 2013, AST was notified by the USPTO that United States Patent No. 8412434 was issued: ***“Method and device of calculating aircraft braking friction and other relating landing performance parameters based on the data received from aircraft’s on board flight data management system”***

AST’s SafeLand™ runway reporting technology uses aircraft data, either computed on board the aircraft or via a networked server, as well as environmental data and a tire/surface algorithm, to deliver total available friction values that are independent of airplane type.

The Company’s other patents to date include the following:

- **U.S. Patent 7797095: A method of calculating a true aircraft braking coefficient of the aircraft landing surface**
- **U.S. Patent No. 7957878: Computer Network for calculating and distributing a true coefficient for aircraft braking**
- **U.S. Patent No. 8050840: Method of calculating the amount of energy absorbed by aircraft brakes and tires**
- **Patent No. 8121771: Method of calculating true aircraft braking friction coefficient for a landing surface using a landing aircraft**
- **Patent No. 8244444: A computer network for calculating and distributing aircraft braking coefficient for a landing surface**
- **Patent No. 8346455: Method for measuring and communicating a normalized runway braking coefficient of friction using landing aircraft**
- **Patent No. 8355850: Method of calculating aircraft cornering coefficient**