

News Release



AvTurf® Synthetic Turf Successfully Installed and Tested at Canada's Toronto Pearson International Airport

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Toronto Installation and Testing

The AvTurf_{LLC} installation team arrived at Lester B. Pearson International Airport, Toronto, Canada on October 1, 2002. In cooperation with the Airside Facilities Engineering Team at the Greater Toronto Airports Authority, AvTurf successfully implemented the first airside-installation of synthetic turf in Canada. The plot is approximately 2150 ft² and is located on the southwest radius of Taxiway November at Runway 15L/33R. Subsequently, on Thursday November 7, this area was subjected to performance tests designed to evaluate the durability, integrity and flammability characteristics inherent in AvTurf.

AvTurf is an aviation industry product, engineered with performance characteristics that will alleviate specific issues associated with airside construction projects, daily aircraft operations and airside safety. These characteristics include:

- Anchored product designed to eliminate the displacement of turf [natural or synthetic?] onto active runways/taxiways as a result of aircraft jet blast and wing tip vortex
- Perforated design to improve drainage and reduce airside ponding of water
- Structural integrity permitting aircraft veer-offs without damage/mud-tracking
- Structural integrity permitting emergency response and heavy maintenance vehicles to traverse without damage/mud-tracking
- Fire retardant design polymers to provide excellent fire safety attributes
- Snow plow tear/damage reductions and increased maneuverability to improve winter operations
- Reduced critical area maintenance requirements and herbicide/pesticide applications
- Reduced source of food for all wildlife
- Improved pilot perspective/visibility through increased runway/taxiway edge delineation

The testing of the plot was separated into 4 segments and yielded outstanding performance results. The following tables summarize test framework. Further technical data is available from AvTurf.