



National Air Traffic Controllers Association
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To: NATCA Safety and Technology Department

From: Pete Slattery, ATD-2 Article 48 Representative

Re: NASA ATD Industry Day Report

On Wednesday, Jan 13th, NASA hosted an Industry Day Forum at their Ames Research Facility at Moffett Field, California. The purpose of the event was to facilitate discussion amongst a broad spectrum of NAS stakeholder groups concerning NASA's ongoing Airspace Technology Demonstration efforts. Specifically, Integrated Arrival/Departure/Surface capability (IADS) which is also known as Airspace Technology Demonstration II (ATD-2) and Applied Traffic Flow Management (ATFM) or ATD-3.

The event was attended by over 70 individuals representing various NAS Stakeholder groups such as; aerospace manufacturers, airlines, airports, and NATCA and FAA headquarters personnel. NATCA was represented by Kevin McLaughlin (SCT NextGen), Pete Slattery (CLT ATD-2), and Scott Conde (ZOA FacRep). Including the NASA hosts, more than 80 individuals participated in this one-day technical forum.

The day began as a plenary session in a large conference hall with all attendees present. NASA gave a broad overview of past ATM systems they have been instrumental in and then segued into their current research activities. This format provided an opportunity for open information exchange and a discussion of the collaboration between NASA and industry partners necessary to reach successful outcomes for their current and future projects.

Next we subdivided into smaller groups and attended parallel breakout sessions of the projects underway. During these sessions very detailed information about each project was provided. Question and answer periods were held at the conclusion of each breakout session, and then each group rotated to the next presentation. This continued until everyone had an opportunity to attend each session.

There was also an exhibit hall that ran software simulations of what the final products could look like. These were notional displays only as final products have not been realized yet. These demonstrations were very helpful because they provided an idea of the functionality and direction these new systems might take as they are designed, developed, and deployed.

The day ended with everyone back in the large conference hall for a final presentation. A few parting comments from NASA and a final Q & A concluded the event. It appeared that everyone was appreciative of NASA's efforts on behalf of the NAS. The attendees seemed impressed by the research that NASA is undertaking and appreciative of the tech they are transferring to the FAA and its industry partners.

NASA ATD January 13th Industry Day Report
Pete Slattery

A second day of activities was held at Ames specifically for Charlotte (CLT) ATD-2 discussions between NASA and NATCA. This event was not attended by airline, airport, or industry partners. NATCA was represented at this meeting by Kevin McLaughlin (SCT NextGen), Pete Slattery (CLT ATD-2), and Scott Conde (ZOA FacRep).

The day was spent working on :

- ATD-2 implementation at CLT plan,
- The project status,
- Measure of Performance (MOP) plan,
- Tour of NASA's Future Flight Central (FFC) facility
- Review of the Ramp Management Tool
- Use case discussions
- STBO Client designs

Both day's activities served to move ATD-2 and 3 closer to systems that will become part of future NextGen products. Natca will remain involved in these activities and keep controller's interest at the forefront of all decisions affecting our workforce and the NAS.

Pete

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