

**William J. Hughes Technical Center for Advanced  
Aerospace  
April 11, 2025**

Last Update: April 8, 2025

Guests: Secretary Duffy, AOA-1, Congressman Van Drew

| TIME                  | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LOCATION                      |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 10:20 am              | Secretary Duffy arrive at Technical Center                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |
| 10:30 am-<br>10:45 am | <b>Voice over IP (VOiP) Lab</b><br><br>The Tech Center rapidly established a lab to test equipment and configurations for the TDM/IP conversion, including the use of satellite-based connectivity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Bldg 300                      |
| 10:45 am-<br>11:00 am | <b>NAS Innovation and Emerging Concepts (NIEC) Lab</b><br><br>The NIEC connects ATC operational systems with high fidelity, real-time simulation capabilities that allow FAA and industry to explore how new types of aviation operations can be safely integrated with existing air traffic. The NIEC contains an Air Traffic Suite, a Cockpit Simulator, Unmanned Aircraft System Suite, and Tower Simulation area. The NIEC is currently being used to explore how Advanced Air Mobility operations can be safely introduced into industry's preferred initial operating locations, including Houston and Los Angeles. Can also discuss current UAS Traffic Management activities. | Bldg 300                      |
| 11:00 am-<br>11:15 am | <b>S1 Executive Time</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TBD                           |
| 11:15 am-<br>11:45 am | <b>Ribbon Cutting</b><br><br>FAA Reauthorization updated the name of this facility to the William J. Hughes Technical Center for Advanced Aviation. Opportunity to acknowledge this requirement, for which Congressman Van Drew was the sponsor, and for S1 to make brief remarks on administration innovation priorities. Can acknowledge the Tech Center's support of the TDM/IP initiative.                                                                                                                                                                                                                                                                                        | Technical<br>Center<br>Atrium |
| 11:45 am-<br>12:00 am | <b>Press Gaggle</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TBD                           |

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| 12:00 pm-<br>12:10 pm | <i>Travel to National Aerospace Research Technology Park</i><br><br>The Technology Park is a not-for-profit facility that allows industry to connect to FAA resources for test emerging technologies. It is located outside the Tech Center fence.                                                                                                                                                                           |          |
| 12:10 pm-<br>1:25 pm  | <b>Working Lunch at NARTP</b><br><br>The Technology Park is a not-for-profit facility that allows industry to connect to FAA resources for test emerging technologies. It is located outside the Tech Center fence.                                                                                                                                                                                                          | NARTP    |
| 1:15 pm-<br>1:35 pm   | <b>Remote Tower Test Bed</b><br><br>FAA has established a test bed for remote towers at the Technology Park, which is adjacent to the Atlantic City International Airport.<br><br>Raytheon/Frequentis currently has a system in the testing process. The introduction of remote towers has strong bi-partisan congressional interest.                                                                                        | NARTP    |
| 1:35 pm-<br>1:45 pm   | <i>Travel to R&amp;D Facilities</i>                                                                                                                                                                                                                                                                                                                                                                                          |          |
| 1:45 pm-<br>2:10 pm   | <b>Fire Safety Test Facility Lab</b><br><br>Highlights unique safety-related research:<br>The Tech Center conducts long range research to develop a totally fire-resistant passenger aircraft cabin with the goal of eliminating cabin fire as a cause of fatality. The Fire Research Section addresses advanced materials, fire prevention, detection, and control in a comprehensive system approach to a fireproof cabin. | Bldg 275 |
| 2:10 pm-<br>2:30 pm   | <b>Pavement Test Facility Lab</b><br><br>FAA has a singular facility for examining the physical and mechanical properties of new types of pavement materials for airport surfaces.                                                                                                                                                                                                                                           | Bldg 296 |
| 2:30 pm               | <b>S1 Departs</b>                                                                                                                                                                                                                                                                                                                                                                                                            |          |