

Wright Patterson Tower Simulation System (TSS) Gets Major Upgrade



March 2016: In conjunction with a major software/ hardware obsolescence upgrade, the Air Traffic Control Tower Simulation System (ATC-TSS) is the first in the Air Force to feature a nine-screen vertical display. Ms. Lynda Rutledge, SES, Agile Combat Command's Program Executive Officer, and staff, receives a tour and briefing by Mr. Jack Wilson, TSS Training Administrator and active Air Traffic Controller. MSgt Jason Russi, Chief Controller, has already commented on how the new displays have enhanced the simulation experience for ATC training. The TSS is managed by Mr. Steve Larson from the Simulators Division of AFMC's Life Cycle Management Center (AFLCMC/WNS) in direct support to the Air Force Flight Standards Agency and is designed to provide a realistic simulation of the local airport environment for training ATC operators when live traffic is not available. The nine-screen demonstration comes courtesy of Adacel Systems, Inc., the Orlando, Florida contractor responsible for the operation and support of the TSS for the USAF and USMC TSS' around the world. The standard display is five-screens mounted horizontal with a 270 degree field of view for the controllers. The demo configuration is designed to provide controllers a larger field of view for fighter aircraft operating at the higher pattern altitudes. According to the USAF Program Manager, Mr. Steve Larson, the TSS contractor offered the demo displays to Wright-Patt so the USAF could affectively evaluate the enhanced simulation in a high-volume training environment and assess the application for future TSS devices.