

# Congratulations

On behalf of ATCA and the Publications Committee, congratulations to this year's top three *The Journal of Air Traffic Control* articles

## 1. The Drones Are Coming: Is the National Airspace System Prepared? (Summer 2016)

- Frederick Wieland, Ph.D., Intelligent Automation, Inc.



**DRONES ARE COMING - Is the NAS Prepared?**

By Frederick Wieland, Ph.D., Intelligent Automation, Inc.

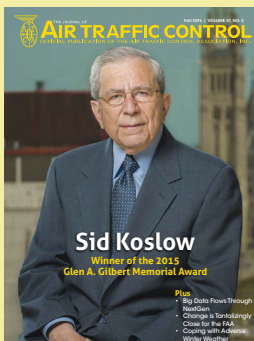
**Is the National Airspace System Prepared?**

By Frederick Wieland, Ph.D., Intelligent Automation, Inc.

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## 2. Coping with Adverse Winter Weather: Emerging Capabilities in Support of Airport and Airline Operations (Fall 2015)

- Matthias Steiner, National Center for Atmospheric Research
- Amanda R. S. Anderson, National Center for Atmospheric Research
- Scott Landolt, National Center for Atmospheric Research
- Seth Linden, National Center for Atmospheric Research
- Benjamin R. J. Schwedler, Cooperative Institute for Research in the Atmosphere, NOAA/NWS Aviation Weather Center



**Coping with Adverse Winter Weather**

Emerging Capabilities in Support of Airport and Airline Operations

By Matthias Steiner, Amanda R. S. Anderson, Scott Landolt, and Benjamin R. J. Schwedler, Cooperative Institute for Research in the Atmosphere and NOAA/NWS Aviation Weather Center

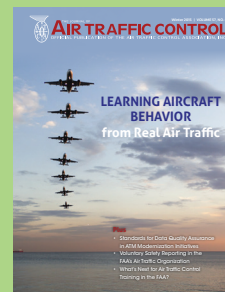
**Sid Koslow**  
Winner of the 2015  
Glen A. Gilbert Memorial Award

Plus:  
Big Data Flows Through  
React  
Change is Bristling  
Close for FAA  
Coping with Adverse  
Winter Weather

The Journal of Air Traffic Control

## 3. Who's in Control? Securing Commercial Unmanned Aerial Systems Command and Control - A Methodology and Way Ahead (Winter 2015)

- Dr. Rusty Baldwin, CISSP Riverside Research
- Dr. Terry Hofecker, Unmanned Science, Inc.
- Greg Carter, Electronic Warfare Associates



## WHO'S IN CONTROL?

### Securing Commercial Unmanned Aerial Systems Command and Control - A Methodology and Way Ahead

By Dr. Rusty Baldwin, CISSP Riverside Research, Dr. Terry Hofecker, Unmanned Science, Inc., and Greg Carter, Electronic Warfare Associates

With single complete systems, networks, and control systems, these systems represent a significant portion of the NAS. The FAA is currently focused on the development of a regulatory framework for the integration of UAS into the NAS. This article discusses the challenges of securing UAS command and control systems and provides a methodology for addressing these challenges. The article also discusses the importance of securing UAS command and control systems and provides a methodology for addressing these challenges.



The possibility of a security vulnerability endangering public safety if we continue "business as usual" is very real.