

# 1500 - Tracking Spies in the Skies

Saturday at 15:00 in Track 2

45 minutes | Art of Defense, 0025, Tool

**Jason Hernandez\*Hacker / Technical Editor, North Star Post\***

**Sam Richards\*Editor and Journalist, North Star Post\***

**Jerod MacDonald-Evoy\*Journalist, North Star Post\***

Law enforcement agencies have used aircraft for decades to conduct surveillance, but modern radio, camera, and electronics technology has dramatically expanded the power and scope of police surveillance capabilities. The Iraq War and other conflicts have spurred the development of mass surveillance technologies and techniques that are now widely available to domestic police. The FBI, DEA, and other agencies flew powerful surveillance aircraft over cities for years in relative secrecy before breaking in to public attention in 2015. This presentation will discuss the capabilities of these aircraft, the discovery of the FBI and others' surveillance fleets, and continued efforts to shed light on aerial surveillance. We will discuss a method for detecting surveillance indicators in real time based on mutilation of aggregated ADS-B data, and introduce code for detecting surveillance indicators from flight behavior.

Jason Hernandez

Jason Hernandez researches surveillance technology and reports on it for the North Star Post. Jason has a BS in economics, and has worked in the mining and technology industries. Jason has worked on algorithms to detect surveillance aircraft from ADS-B flight data.

@jason\_nstar

Sam Richards

Sam Richards is an independent journalist, and founder of the North Star Post. Sam pieced together hundreds of FAA and corporate records to uncover the FBI's secret fleet of surveillance aircraft.

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Jerod MacDonald-Evoy

Jerod MacDonald-Evoy is a journalist with the North Star Post, and a documentary filmmaker.

@jerodmacevoy

#defcon25/by\_track/track2/saturday

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