# Symposium



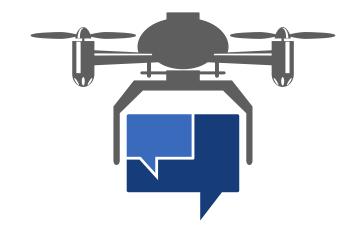
EMBRY-RIDDLE
Aeronautical University

# Technological Enablers and Restrictors Discussion

How Do We Evolve Together?

Moderator: Jim Eck

- Jay Merkle
- Earl Lawrence
- Dr. Ed Waggoner
- Paul McDuffee
- Michael Lewis



Send questions to talkUAS@faa.gov – include breakout session topic in subject line

# **CNS/ATM Evolution**

### **Risk/Complexity**

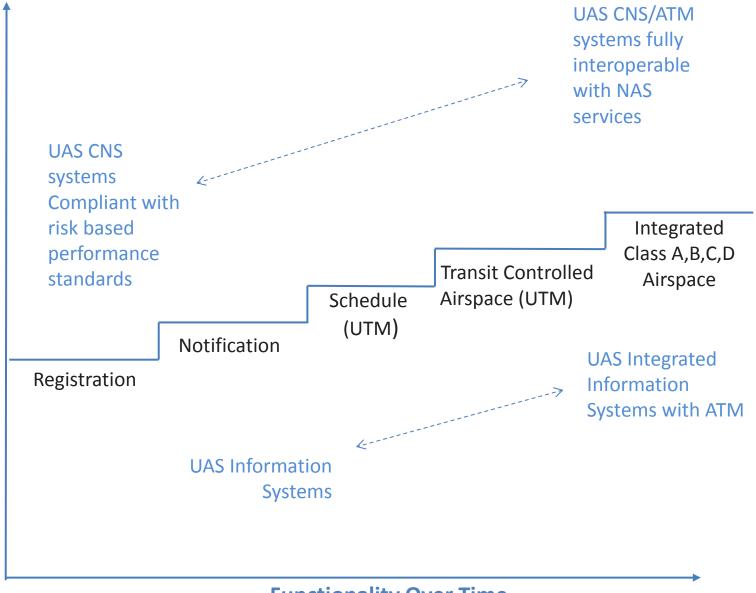
Integrated Operations
By Full Performance-Based Rules
(Class A/B/C/D Ops)

Segregated Operations VLOS – Over People / High Density

Segregated Operations – VLOS Over People / Low Density

Segregated Operations By Rule 107 – VLOS Class G

333/336 Ops – Segregated Operations By Waiver/Exemption



**Functionality Over Time** 

## **CNS/ATM Evolution**

### **Risk/Complexity**

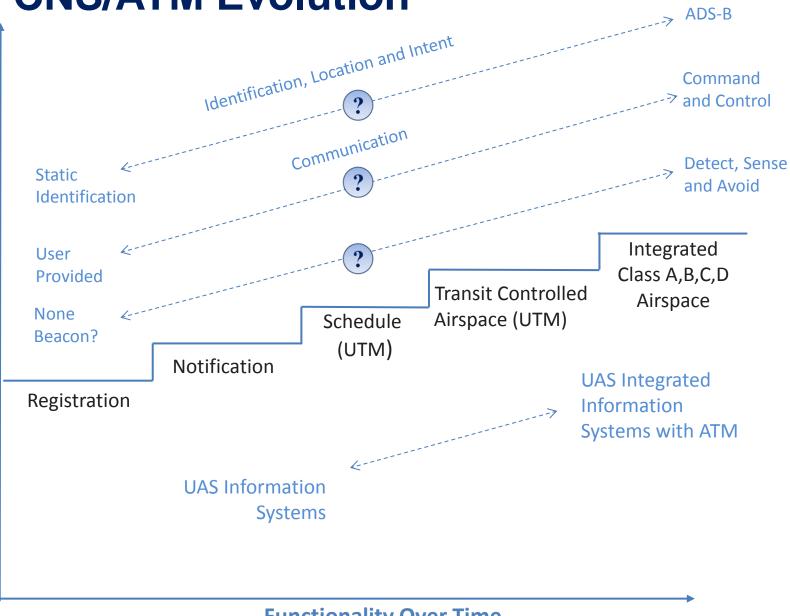
Integrated Operations
By Full Performance-Based Rules
(Class A/B/C/D Ops)

Segregated Operations VLOS – Over People / High Density

Segregated Operations – VLOS Over People / Low Density

Segregated Operations By Rule 107 – VLOS Class G

333/336 Ops – Segregated Operations By Waiver/Exemption



**Functionality Over Time** 

# **CNS/ATM Evolution**

### **Risk/Complexity**

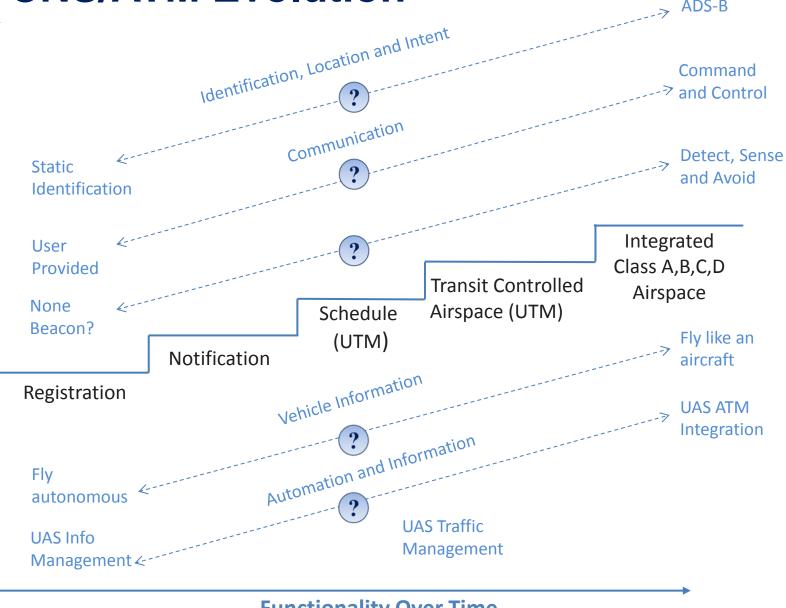
Integrated Operations
By Full Performance-Based Rules
(Class A/B/C/D Ops)

Segregated Operations VLOS – Over People / High Density

Segregated Operations – VLOS Over People / Low Density

Segregated Operations By Rule 107 – VLOS Class G

333/336 Ops – Segregated Operations By Waiver/Exemption



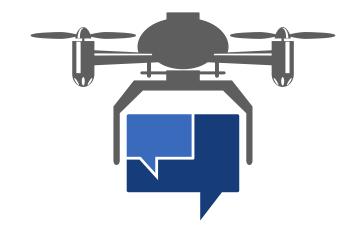
**Functionality Over Time** 

# Technological Enablers and Restrictors Discussion

How Do We Evolve Together?

Moderator: Jim Eck

- Jay Merkle
- Earl Lawrence
- Dr. Ed Waggoner
- Paul McDuffee
- Michael Lewis



Send questions to talkUAS@faa.gov – include breakout session topic in subject line