Drone Systems and Counter Drone Technologies Speaker Agenda June 23-24, 2016 - Arlington, VA

DAY ONE: THURSDAY, JUNE 23RD

DISCUSSION TOPIC

9:35-9:35 OPENING KEYNOTES CAPTAIN JOE DEPETE, First Vice President & National Safery Coordinator, Air Line Pilots Assan International 9:35-10:05 MR. MATTHEW HAMPTON, Assistant Inspector General for Aviation, DOI, Office of the Inspector General future Requirements? 10:05-10:35 MR. THOMAS BAKER, Dir., UAS and Counter UAS Initiatives, First Air Force/NORAD Continental Region SUAS Plans, Programs and Future Requirements? 10:35-11:05 CAPTAIN (USN-RET) MIKE WILSON, Southern Region UAS Program Manager, Federal Aviation Administration 11:05-11:30 MR. ROBBIE HOOD, Executive Dir., UAS Program, National Oceanic and Atmospheric Administration MR. MICHAEL O'SHEA, Senior Law Enforcement Program Manager, US DOJ, Office of Justice Program Manager, US DOJ, Office of Justice Program Director, FAA Air Transportation Centers of Excellence 12:30-1:00 DR. PATRICIA WATTS, National Program Director, FAA Air Transportation Centers of Excellence 12:00-2:30 MR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn Sefety is the Key" MR. YOUNG KIM, Chief Executive Officer. Digital Harvest 3:00-3:30 MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan Agrenomon Networking & Refreshment Break 4:00-4:30 MR. RANDY VILLAHERNOSA Principle Dir., Research Program Section, Sector Ourreach & Frograms Frograms Divelopment, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Qureach & Frograms Div., Department of Homelands Security (DIS) MR. MATTHEW BARGER, Intel & Technology Portfolio Sector Outreach & Frograms Div., Department of Homelands Security (DIS) MR. MATTHEW BARGER, Intel &	9:00-9:05:	Opening Administrative Announcements	
10:05-10:35 MR. THOMAS BAKER, Dir., UAS and Counter UAS Initiatives, First Air Force/NORAD Continental Region 10:35-11:05 CAPTAIN (USN-RET) MIKE WILSON, Southern Region UAS Program Manager, Federal Aviation Administration 11:30-12:00 MS. ROBBIE HOOD, Executive Dir., UAS Program, National Oceanic and Atmospheric Administration 11:30-12:00 MR. MICHAEL O'SHEA, Senior Law Enforcement Program Manager, U.S DOJ, Office of Justice Programs, National Institute of Justice, Office of S&T 12:30-1:00 DR. PATRICIA WATTS, National Program Director, FAA Air Transportation Centers of Excellence 10:00-2:30 MR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn MR. YOUNG KIM, Chief Executive Officer, Digital Harvest 3:00-3:30 MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan 4:00-4:30 MR. RANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation 4:30-5:00 MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation 5:00-5:30 MR. MATTHEW BARGER, Intel & Technology Portfolio Strategies for UAS" MR. MATTHEW BARGER, Intel & Technology Portfolio Strategies for UAS" MR. MATTHEW BARGER, Intel & Technology Portfolio Strategies for UAS" Programs Div., Department of Homeland Security (DHS)	9:05-9:35	CAPTAIN JOE DePETE, First Vice President & National	
Initiatives, First Air Force/NORAD Continental Region 10:35-11:05 CAPTAIN (USN-RET) MIKE WILSON, Southern Region UAS Program Manager, Federal Aviation Administration 11:05-11:30 Networking & Refreshment Break 11:30-12:00 MS. ROBBIE HOOD, Executive Dir., UAS Program, National Oceanic and Atmospheric Administration MR. MICHAEL O'SHEA, Senior Law Enforcement Program Manager, U.S DOJ, Office of Justice Programs, National Institute of Justice, Office of S&T 12:30-1:00 DR. PATRICIA WATTS, National Program Director, FAA Air Transportation Centers of Excellence Luncheon Luncheon MR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn MR. YOUNG KIM, Chief Executive Officer, Digital Harvest Safety is the Key" MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan Afternoon Networking & Refreshment Break MR. RANDREW LACHER, Unmanned & Autonomous Research Program Development, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) Fusion Advanced Referent Region "SUAS Opportunities and Challenges and Technologies" "Unmanned Aircraft and AG Aviation: Sufety is the Key" "Unmanned Aircraft and AG Aviation: Safety is the Key" "Unmanned Aircraft and AG Aviation: Safety is the Key" "Unmanned Aircraft and AG Aviation: Safety is the Key" "Unmanned Aircraft and AG Aviation: Safety is the Key" "The Future Farm: Interconnecting UAS Data Layers with Other on Farm Sensor Data Streams" "Global Drone Markets: Trends & Forceasts" 3:30-3:00-3:30 Afternoon Networking & Refreshment Break "Global Drone Markets: Trends & Forceasts" 3:30-4:00 Afternoon Networking & Refreshment Break "Global Drone Markets: Trends & Forceasts" "Global Drone Markets: Trends & Forceasts" "Global Dr	9:35-10:05	· · · · · · · · · · · · · · · · · · ·	Integration Airspace Access
11:05-11:30 Networking & Refreshment Break 11:30-12:00 MS. ROBBIE HOOD, Executive Dir., UAS Program, National Oceanic and Atmospheric Administration MR. MICHAEL O'SHEA, Senior Law Enforcement Program Manager, U.S DOJ, Office of Justice Programs, National Institute of Justice, Office of S&T 12:30-1:00 DR. PATRICIA WATTS, National Program Director, FAA Air Transportation Centers of Excellence Luncheon 2:00-2:30 MR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn MR. YOUNG KIM, Chief Executive Officer, Digital Harvest 3:00-3:30 MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan 4:00-4:30 MR. RANDY VILLAHERMOSA Principle Dir., Research Program Development, The Aerospace Corporation Research Strategist, The MITRE Corporation Br. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey (Civil UAS Mission, Case Studies and Way Ahead" "Regional, State/Local & Federal Infrastructure Protection Strategies for UAS" "Regional, State/Local & Federal Infrastructure Protection Strategies for UAS"	10:05-10:35		
11:30-12:00 MS. ROBBIE HOOD, Executive Dir., UAS Program, National Oceanic and Atmospheric Administration MR. MICHAEL O'SHEA, Senior Law Enforcement Program Manager, U.S DOJ, Office of Justice Programs, National Institute of Justice, Office of S&T 12:30-1:00 Air Patricia Watts, National Program Director, FAA Air Transportation Centers of Excellence Luncheon 2:00-2:30 MR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn MR. YOUNG KIM, Chief Executive Officer, Digital Harvest 3:00-3:30 MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan 4:00-4:30 MR. RANDY VILLAHERMOSA Principle Dir., Research Program Development, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation Technologies" MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation Technologies "Civil UAS Mission, Case Studies and Way Ahead" MR. MATTHEW BARGER, Intel & Technology Portfolio Regional, State/Local & Federal Infrastructure Protection Strategies for UAS"	10:35-11:05		"sUAS Opportunities and Challenges"
11:30-12:00 National Oceanic and Atmospheric Administration MR. MICHAEL O'SHEA, Senior Law Enforcement Program Manager, U.S DOI, Office of Justice Programs, National Institute of Justice, Office of S&T 12:30-1:00 DR. PATRICIA WATTS, National Program Director, FAA Air Transportation Centers of Excellence 1:00-2:00 Luncheon WR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn MR. YOUNG KIM, Chief Executive Officer, Digital Harvest Digi	11:05-11:30	Networking & Refreshment Break	
12:30-1:00 Program Manager, U.S DOJ, Office of Justice Programs, National Institute of Justice, Office of S&T 12:30-1:00 PR. PATRICIA WATTS, National Program Director, FAA Air Transportation Centers of Excellence 1:00-2:00 ULuncheon 1:00-2:30 MR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn 1:00-2:30 MR. YOUNG KIM, Chief Executive Officer, Digital Harvest 1:00-3:30 MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan 3:00-3:30 Afternoon Networking & Refreshment Break 4:00-4:30 MR. RANDY VILLAHERMOSA Principle Dir., Research Program Development, The Aerospace Corporation 4:30-5:00 MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation 5:00-5:30 MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) Justice Perspective" "FAA Centers of Excellence -Academic Outreach Agreeded FAAC Centers of Excellence -Academic Outreach Sartellence -Academic Outreach Sartellence -Academic Outreach of Excellence -Academic Outreach Sartellence -Academic Outreach	11:30-12:00	,	-
1:00-2:00 Luncheon 2:00-2:30 MR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn MR. YOUNG KIM, Chief Executive Officer, Digital Harvest 2:30-3:00 MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan 3:30-4:00 Afternoon Networking & Refreshment Break 4:00-4:30 MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation 3:00-5:30 MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) "Unmanned Aircraft and AG Aviation "Unmanned Aircraft and AG Aviation: Safety is the Key" "Unmanned Aircraft and AG Aviation: Safety is the Key" "Unmanned Aircraft and AG Aviation: Safety is the Key" "The Future Farm: Interconnecting UAS Data Layers with Other on Farm Sensor Data Streams:" "Global Drone Markets: Trends & Forecasts" "Global Drone Markets: Trends & Forecasts" "Evaluating Counter Drone Emerging Technologies" "Counter UAS Challenges and Technologies" "Counter UAS Challenges and Technologies" "Civil UAS Mission, Case Studies and Way Ahead" "Regional, State/Local & Federal Infrastructure Protection Strategies for UAS"	12:00-12:30	Program Manager, U.S DOJ, Office of Justice	
2:00-2:30 MR. ANDREW MOORE, Executive Dir., National Agricultural Aviation Assn MR. YOUNG KIM, Chief Executive Officer, Digital Harvest 3:00-3:30 MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan 4:00-4:30 Afternoon Networking & Refreshment Break 4:00-4:30 MR. RANDY VILLAHERMOSA Principle Dir., Research Program Development, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation DR. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) MR. ANDREW LACHER, Unmanned & Security (DHS) "Unmanned Aircraft and AG Aviation: Safety is the Key" "The Future Farm: Interconnecting UAS Data Layers with Other on Farm Sensor Data Stream: Interconnecting UAS Data Layers with Other on Farm Sensor Data Streams "Global Drone Markets: Trends & Forecasts" "Global Drone Markets: Trends & Forecasts" "Evaluating Counter Drone Emerging Technologies" "Evaluating Counter Drone Emerging Technologies" "Counter UAS Challenges and Technologies" "Civil UAS Mission, Case Studies and Way Ahead" "Regional, State/Local & Federal Infrastructure Protection Strategies for UAS"	12:30-1:00	·	
2:30-3:00 Agricultural Aviation Assn Safety is the Key" MR. YOUNG KIM, Chief Executive Officer, Digital Harvest 3:00-3:30 MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan 3:30-4:00 Afternoon Networking & Refreshment Break 4:00-4:30 MR. RANDY VILLAHERMOSA Principle Dir., Research Program Development, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation DR. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) MR. MATTHEGE Corporation Strategies for UAS"	1:00-2:00	Luncheon	
2:30-3:00 Digital Harvest Data Layers with Other on Farm Sensor Data Streams? MR. MICHAEL BLADES, Senior Industry Analyst, Aerospace & Defense, Frost & Sullivan 3:30-3:30 Afternoon Networking & Refreshment Break 4:00-4:30 MR. RANDY VILLAHERMOSA Principle Dir., Research Program Development, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation DR. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) Data Layers with Other on Farm Sensor Data Streams? "Global Drone Markets: Trends & Forecasts" "Evaluating Counter Drone Emerging Technologies" "Counter UAS Challenges and Technologies" "Civil UAS Mission, Case Studies and Way Ahead" "Regional, State/Local & Federal Infrastructure Protection Strategies for UAS"	2:00-2:30		
3:30-4:00 Afternoon Networking & Refreshment Break 4:00-4:30 MR. RANDY VILLAHERMOSA Principle Dir., Research Program Development, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation DR. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) **Evaluating Counter Drone Emerging Technologies" Counter UAS Challenges and Technologies" "Civil UAS Mission, Case Studies and Way Ahead" "Regional, State/Local & Federal Infrastructure Protection Strategies for UAS"	2:30-3:00		Data Layers with Other on Farm
4:00-4:30 MR. RANDY VILLAHERMOSA Principle Dir., Research Program Development, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation Technologies" DR. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) MR. MATTHEW BARGER, Intel & Technology Portfolio Strategies for UAS"	3:00-3:30	· · · · · · · · · · · · · · · · · · ·	
4:30-4:30 Program Development, The Aerospace Corporation MR. ANDREW LACHER, Unmanned & Autonomous Research Strategist, The MITRE Corporation Technologies" 5:00-5:30 DR. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey "Civil UAS Mission, Case Studies and Way Ahead" MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & Programs Div., Department of Homeland Security (DHS) "Emerging Technologies" "Counter UAS Challenges and Technologies" "Civil UAS Mission, Case Studies and Way Ahead" "Regional, State/Local & Federal Infrastructure Protection Strategies for UAS"	3:30-4:00	Afternoon Networking & Refreshment Break	
4:30-5:00 Research Strategist, The MITRE Corporation Technologies" 5:00-5:30 DR. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey "Civil UAS Mission, Case Studies and Way Ahead" MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & structure Protection Strategies for UAS" Programs Div., Department of Homeland Security (DHS)	4:00-4:30	•	•
5:30-6:00 Way Ahead" MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach & structure Protection Strategies for UAS" Programs Div., Department of Homeland Security (DHS)			
5:30-6:00 Lead, Cross-Sector Programs Section, Sector Outreach & structure Protection Strategies for UAS" Programs Div., Department of Homeland Security (DHS)	4:30-5:00	·	Ç
6:00 Day One Program Adjournment		Research Strategist, The MITRE Corporation	Technologies" "Civil UAS Mission, Case Studies and
	5:00-5:30	Research Strategist, The MITRE Corporation DR. BRUCE QUIRK, UAS Liaison, U.S. Geological Survey MR. MATTHEW BARGER, Intel & Technology Portfolio Lead, Cross-Sector Programs Section, Sector Outreach &	Technologies" "Civil UAS Mission, Case Studies and Way Ahead" "Regional, State/Local & Federal Infra-



Drone Systems and Counter Drone Technologies

Speaker Agenda June 23-24, 2016 - Arlington, VA

DAY TWO: FRIDAY, JUNE 24TH

DISCUSSION TOPIC

8:30-8:35	Administrative Announcements	
8:35-9:05	Maj Gen (USAF-ret) JAMES POSS, Executive, Director, ASSURE FAA CoE for UAS, Mississippi State University	"ASSURE FAA UAS CoE Plans & Programs"
9:05-9:35	MR. MARTY ROGERS, Business Dir., AK Center for UAS Integration, Deputy Dir., ASSURE FAA UAS CoE	"Commercial Drones Emerging Growth and Innovation Trends"
9:35-10:05	MS. ROSE MOONEY, Executive Director, Mid-Atlantic Aviation Partnership (MAAP)	"MAAP Perspective and Initiatives"
10:05-10:35	MS. WHITNEY BROOKS, Founder, Unmannedpower LLC	"How to Supercharge Your UAS Job Search"
10:35-11:00	Networking & Refreshment Break	
11:00-11:45	DENTONS US LLP TEAM PANEL MR. JIM WILLIAMS, Co-Chair, UAS Practice, Public Policy & Regulation Practice, Aviation & Aerospace Sector, Dentons U.S. LLP, Former Manager, FAA UAS Integration MR. MARK DOMBROFF, Partner, Dentons U.S. LLP MR. MARK MCKINNON, Partner, Dentons U.S. LLP	"Manufacturing and Operating UAS Commercially: The Latest in Legal & Regulatory Considerations"
11:45-12:15	MR. MICHAEL DROBAC, Executive Dir., Small UAV Coalition, Akin, Gump Strauss Hauer Feld LLP	"sUAV Coalition Needs, Challenges and the Way Forward"
12:15-12:45	MR. MIKE GLASGOW, Fellow, Chief Architect, Lockheed Martin Aviation Services and MS. HEIDI WILLIAMS, Senior Staff, Project Management and Operations Planning, Lockheed Martin IS&GS	"Early Warning Sense & Avoid Technologies"
12:45-1:45	Luncheon	
1:45-2:15	MR. DAVIS HACKENBERG, Deputy Project Manager, Integration for the UAS Systems Integration in the National Airspace Systems Project, NASA	"NASA UAS Integration"
0.15.0.15	MR. TERRY PARISHER, CEO, Straight Up Imaging	"sUAS Design & Manufacturing for
2:15-2:45	, , , , , ,	Commercial Enterprise"
2:15-2:45 2:45-3:15	MS. MELISSA RUDINGER Vice President Government Affairs, Aircraft Owners & Pilots Assn	
	MS. MELISSA RUDINGER Vice President Government	Commercial Enterprise" "Commercial & Civil Drone Markets:
2:45-3:15	MS. MELISSA RUDINGER Vice President Government Affairs, Aircraft Owners & Pilots Assn MR. MARK KIMBERLING, Dir, Government Affairs,	Commercial Enterprise" "Commercial & Civil Drone Markets: An AOPA Perspective"
2:45-3:15 3:15-3:45	MS. MELISSA RUDINGER Vice President Government Affairs, Aircraft Owners & Pilots Assn MR. MARK KIMBERLING, Dir, Government Affairs, National Assn of State Aviation Officials	Commercial Enterprise" "Commercial & Civil Drone Markets: An AOPA Perspective"
2:45-3:15 3:15-3:45 3:45-4:00	MS. MELISSA RUDINGER Vice President Government Affairs, Aircraft Owners & Pilots Assn MR. MARK KIMBERLING, Dir, Government Affairs, National Assn of State Aviation Officials Afternoon Working Refreshment Break MR. LOUIS WISE, Chief Science & Technology Advisor,	Commercial Enterprise" "Commercial & Civil Drone Markets: An AOPA Perspective" "Drone Safety & Emerging Capabilities" "ETAP—Electronic Tethered
2:45-3:15 3:15-3:45 3:45-4:00 4:00-4:30	MS. MELISSA RUDINGER Vice President Government Affairs, Aircraft Owners & Pilots Assn MR. MARK KIMBERLING, Dir, Government Affairs, National Assn of State Aviation Officials Afternoon Working Refreshment Break MR. LOUIS WISE, Chief Science & Technology Advisor, Drone Aviation Holding Corporation MR. MARK SPOTO, Managing Director, Razor's Edge	Commercial Enterprise" "Commercial & Civil Drone Markets: An AOPA Perspective" "Drone Safety & Emerging Capabilities" "ETAP—Electronic Tethered Aerial Platform" "Venture Capital Investment Growth,