

**AGENDA –**

**APRIL 19-20, 2016**

*As of 4/15/16, subject to change*

**Tuesday, April 19, 2016**

Opens 0900	Check-in and On-Site Registration	Embry-Riddle Aeronautical University
1045-1125	Doors Open/Assemble in Ballroom	All
1125-1130	Greeting	Erik Amend, FAA UAS Integration Office
1130-1230	Lunch, Welcome, Objectives, and Keynote Address	
1130-1145	Welcome	Dr. Tim Brady, Interim Chancellor and Chief Academic Officer, Daytona Beach Campus, Embry-Riddle Aeronautical University
1145-1200	Symposium Objectives	Maj Gen (Ret) Marke “Hoot” Gibson, FAA Senior Advisor on UAS Integration
1200-1230	Keynote Luncheon Address: <i>UAS Integration – Strategies for Success</i>	Michael Huerta, FAA Administrator
1230-1330	<p><b>Session #1 – Airspace Management Discussion</b> <i>Welcome to the NAS</i></p> <ul style="list-style-type: none"> <li>• Lynn Ray, Vice President, Mission Support Services, FAA Air Traffic Organization</li> <li>• Steven Pennington, Executive Director, Policy Board for Federal Aviation, Department of Defense</li> <li>• John Cavolowsky, Director of Airspace Operations and Safety Program for Mission Directorate, NASA</li> <li>• Thomas Haun, Vice President of Strategy, PrecisionHawk</li> </ul>	
1330-1400	BREAK	
1400-1500	<p><b>Session #2 – Certification Discussion</b> <i>Rules of the Game</i></p> <p>Moderator: Earl Lawrence, Director, FAA UAS Integration Office</p> <ul style="list-style-type: none"> <li>• Dorenda Baker, Director, FAA Aircraft Certification</li> <li>• John Duncan, Director, FAA Flight Standards Service</li> <li>• Andy Thurling, Director of Product Safety &amp; Mission Assurance, AeroVironment</li> <li>• Todd Graetz, UAS Program Manager, BNSF Railway</li> </ul>	
1500-1600	<p><b>Session #3 – Technological Enablers and Restrictors Discussion</b> <i>How Do We Evolve Together?</i></p> <p>Moderator: Jim Eck, FAA Assistant Administrator for NextGen</p> <ul style="list-style-type: none"> <li>• Jay Merkle, Director, Program Control and Integration, FAA Air Traffic Organization</li> <li>• Earl Lawrence, Director, FAA UAS Integration Office</li> <li>• Dr. Ed Waggoner, Director, NASA Integrated Aviation Systems Program, Aeronautics</li> </ul>	

	Research Mission Directorate <ul style="list-style-type: none"> <li>• Paul McDuffee, Vice President of Government Relations, Insitu</li> <li>• Michael Lewis, Senior Engineering Advisor, Wiley Rein LLP</li> </ul>	
1600-1630	Recap and Day 2 Logistics	Maj Gen (Ret) Marke "Hoot" Gibson, FAA Senior Advisor on UAS Integration

**Wednesday, April 20, 2016**

0700-0800	On-Site Registration	Embry-Riddle Aeronautical University
0800-0830	Morning Snack in Ballroom Assemble in Breakout Rooms	All
0830-1000	Breakout Segment #1 (select one to attend)	
<b>Room 101</b>	<b>Engaging Industry</b> <i>Improving our collaborative working relationships</i>  Discussion Leads: <ul style="list-style-type: none"> <li>• Maj Gen (Ret) Marke "Hoot" Gibson, FAA Senior Advisor on UAS Integration</li> <li>○ Brian Wynne, President and CEO, Association for Unmanned Vehicle Systems International (AUVSI)</li> <li>○ Craig Fuller, Chairman, The Fuller Company</li> <li>○ Dave Vos, Project Lead, Project Wing, Google</li> <li>○ Margaret Jenny, President, RTCA</li> <li>○ Pete Dumont, President and CEO, Air Traffic Control Association (ATCA)</li> </ul>	
<b>Room 102</b>	<b>Airspace Management</b> <i>Welcome to the NAS – A Deeper Dive</i>  Discussion Leads: <ul style="list-style-type: none"> <li>• Lynn Ray, Vice President, Mission Support Services, FAA Air Traffic Organization</li> <li>○ Steven Pennington, Executive Director, Policy Board for Federal Aviation, Department of Defense</li> <li>○ Parimal Kopardekar, Ph.D, Principal Investigator, Unmanned Aerial Systems Traffic Management (UTM), NASA</li> <li>○ Thomas Haun, Vice President of Strategy, PrecisionHawk</li> </ul>	
<b>Room 103</b>	<b>Certification – Aircraft</b> <i>Rules of the Game – A Deeper Dive</i>  Discussion Leads: <ul style="list-style-type: none"> <li>• Wes Ryan, Manager, Programs &amp; Procedures (Advanced Technology), FAA Aircraft Certification Service</li> <li>• Kevin Hull, Manager, Los Angeles Aircraft Certification Office, FAA Aircraft Certification Service</li> <li>○ Andy Thurling, Director of Product Safety &amp; Mission Assurance, AeroVironment</li> <li>○ Paul McDuffee, Vice President of Government Relations, Insitu</li> </ul>	
1000-1015	BREAK	

1015-1145	Breakout Segment #2 (select one to attend)	
<b>Room 101</b>	<p><b>Airspace Authorities</b> <i>Considering federal pre-emption authority and state and local interests</i></p> <p>Discussion Leads:</p> <ul style="list-style-type: none"> <li>● Reggie Govan, FAA Chief Counsel</li> <li>○ Travis G. Mason, Public Policy and Government Relations Google[x] &amp; Moonshots, Google</li> <li>○ Amanda Essex, Research Analyst II, National Conference of State Legislatures (NCSL)</li> </ul>	
<b>Room 102</b>	<p><b>Key Research Challenges and Opportunities</b> <i>Considering the role of research in regulatory and policy development</i></p> <p>Discussion Leads:</p> <ul style="list-style-type: none"> <li>● Sabrina Saunders-Hodge, UAS R&amp;D Portfolio Manager, FAA/NextGen</li> <li>○ Dallas Brooks, Dallas Brooks, Director, Raspet Flight Research Lab, Mississippi State University</li> <li>○ Dr. R. John Hansman, Director of the MIT International Center of Air Transportation and Professor of Aeronautics &amp; Astronautics</li> <li>○ Dr. Ed Waggoner, Director, NASA Integrated Aviation Systems Program, Aeronautics Research Mission Directorate</li> </ul>	
<b>Room 103</b>	<p><b>Certification – Pilot/Operator/Maintenance</b> <i>Considering operational and pilot certification in the context of unmanned aircraft</i></p> <p>Discussion Leads:</p> <ul style="list-style-type: none"> <li>● John Duncan, Director, FAA Flight Standards Service</li> <li>● Dale Hawkins, Manager, Maintenance Special Programs, FAA Flight Standards Service</li> <li>○ Alex Mirot, Assistant Professor of Aeronautical Sciences, Embry-Riddle Aeronautical University</li> <li>○ Brad Anderson, Market Development Manager, Unmanned Systems (UMS) Division, Yamaha Motor Corporation</li> </ul>	
1145-1300	Lunch and Keynote Panel	
1205-1215	Comments from Embry-Riddle	Dr. Tim Brady, Interim Chancellor and Chief Academic Officer, Daytona Beach Campus, Embry-Riddle Aeronautical University
1215-1245	Keynote Luncheon Panel <i>UAS Integration – Other Viewpoints and Opinions</i>	<ul style="list-style-type: none"> <li>○ Mike Whitaker, FAA Deputy Administrator</li> <li>○ Matt Zucarro, President, Helicopter Association International</li> <li>○ Richard Hanson, Director, Government and Regulatory Affairs, Academy of Model Aeronautics</li> <li>○ Megan Sirjane-Samples, Legislative Advocate, Florida League of Cities</li> <li>○ Konstantin Kakaes, Program Fellow, New America</li> </ul>
1300-1430	Breakout Segment #3 (select one to attend)	

<p><b>Room 101</b></p>	<p><b>Managing Public Perception</b> <i>Considering public perception challenges and messaging opportunities</i></p> <p>Discussion Leads:</p> <ul style="list-style-type: none"> <li>• Jenny Rosenberg, FAA Assistant Administrator for Communications</li> <li>○ Doug Johnson, Vice-President of Technology Policy, Consumer Technology Association (CTA)</li> <li>○ Naveen Rao, U.S. House of Representatives</li> </ul>	
<p><b>Room 102</b></p>	<p><b>Airports Issues</b> <i>Considering challenges of and opportunities for unmanned aircraft in airport environments</i></p> <p>Discussion Leads:</p> <ul style="list-style-type: none"> <li>• Victoria Wei, Deputy Director, FAA Airport Planning and Programming</li> <li>○ Greg Principato, National Association of State Aviation Officials (NASAO)</li> <li>○ Justin Towles, American Association of Airport Executives (AAAE)</li> </ul>	
<p><b>Room 103</b></p>	<p><b>Technological Enablers and Restrictors</b> <i>How Do We Evolve Together? – A Deeper Dive</i></p> <p>Discussion Leads:</p> <ul style="list-style-type: none"> <li>• Jim Eck, FAA Assistant Administrator for NextGen</li> <li>• Jay Merkle, Director, Program Control and Integration, FAA Air Traffic Organization</li> <li>○ Dr. Ed Waggoner, Director, NASA Integrated Aviation Systems Program, Aeronautics Research Mission Directorate</li> <li>○ Paul McDuffee, Vice President of Government Relations, Insitu</li> <li>○ Michael Lewis, Senior Engineering Advisor, Wiley Rein LLP</li> </ul>	
<p>1430-1500</p>	<p>BREAK, Reconvene in Ballroom</p>	
<p>1500-1640</p>	<p><b>Breakout Session Report Outs (5 minutes each)</b> FAA Breakout Session Leads <i>Moderator:</i> Earl Lawrence, Director, FAA UAS Integration Office</p> <ol style="list-style-type: none"> <li>1) Engaging Industry</li> <li>2) Airspace Management</li> <li>3) Certification, Aircraft</li> <li>4) Airspace Authorities</li> <li>5) Key Research Challenges and Opportunities</li> <li>6) Certification, Pilot/Operator</li> <li>7) Managing Public Perception</li> <li>8) Airports Issues</li> <li>9) Technological Enablers and Restrictors</li> </ol>	
<p>1640-1700</p>	<p>Symposium Recap &amp; Closing</p>	<p>Maj Gen (Ret) Marke “Hoot” Gibson, FAA Senior Advisor on UAS Integration Earl Lawrence, Director, FAA UAS Integration Office</p>