2021 Conference Program 🍃





Society of Aircraft Performance and Operations Engineers

Day 1 – 06 October 2021

Morning Session	8:00	Registration for In-Person Attendees Sponsored by Aerodata
	8:30	Welcome, Conference Overview and Membership Update
		Paul Hannah – SAPOE Officers
	8:50	Georgia Tech ASDL and the Conference Facility
		💠 Dr. Dimitri Mavris – Georgia Tech ASDL
	9:15	Grooved runways and wet runway braking performance
		Gerard van Es – NLR
	10:00	Morning Break/Networking
		 Sponsored by Aerodata
	10:15	Latest Research in Machine Learning and Aircraft Performance
		Emil Kaptur – StorkJet
	11:00	The Emerging Emissions Reporting Landscape
		Jill Blickstein and Mike Byham American Airlines
	11:45	Lunch on Campus
	11:45 13:00	Lunch on Campus FAA Runway Length Tool for Airport Planning
		FAA Runway Length Tool for Airport Planning
	13:00	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400
Afternoon	13:00	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational
Afternoon	13:00	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational Implementation Kristine Henning – Delta Air Lines Afternoon Break/Networking
Afternoon Session	13:00 13:45	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational Implementation Kristine Henning – Delta Air Lines
	13:00 13:45	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational Implementation Kristine Henning – Delta Air Lines Afternoon Break/Networking Sponsored by Aerodata Insight on Upcoming FAA Aircraft Certification
	13:00 13:45 14:45	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational Implementation Kristine Henning – Delta Air Lines Afternoon Break/Networking Sponsored by Aerodata
	13:00 13:45 14:45	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational Implementation Kristine Henning – Delta Air Lines Afternoon Break/Networking Sponsored by Aerodata Insight on Upcoming FAA Aircraft Certification Paul Giesman – FAA AIR-625 Member Recognition
Session	13:00 13:45 14:45 15:15 16:00	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational Implementation Kristine Henning – Delta Air Lines Afternoon Break/Networking Sponsored by Aerodata Insight on Upcoming FAA Aircraft Certification Paul Giesman – FAA AIR-625 Member Recognition Roesney Santos – SAPOE Officers
	13:00 13:45 14:45 15:15	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational Implementation Kristine Henning – Delta Air Lines Afternoon Break/Networking Sponsored by Aerodata Insight on Upcoming FAA Aircraft Certification Paul Giesman – FAA AIR-625 Member Recognition Roesney Santos – SAPOE Officers Dinner/Social Event at Two Urban Licks
Session	13:00 13:45 14:45 15:15 16:00	 FAA Runway Length Tool for Airport Planning Kent Duffy – FAA APP-400 SAPOE Tiger Team Update – AC-120-27F, White Papers and Operational Implementation Kristine Henning – Delta Air Lines Afternoon Break/Networking Sponsored by Aerodata Insight on Upcoming FAA Aircraft Certification Paul Giesman – FAA AIR-625 Member Recognition Roesney Santos – SAPOE Officers

2021 Conference Program





Society of Aircraft Performance and Operations Engineers

Day 2 – 07 October 2021

	8:00	Compliance with ASTM Standard 3266
		Joe Vickers and Dr. Zoltan Rado - AST
	8:45	SAPOE Goals, Metrics and Financials
		Roesney Santos and Mimi Hoover – SAPOE Officers
	9:00	SAPOE Solicitation for Officer Candidates
		Paul Hannah and Craig Nordstrom – SAPOE Officers
Morning	9:10	Overlap Between AC-120-27F and AC-20-161
Session		Mike Byham – American Airlines and Kirk Nance – Avix Aero
	10:10	Morning Break/Networking
		Sponsored by Aerodata
	10:30	SAPOE Feedback (Open Exchange)
		 SAPOE Officers
	10:45	Electric Vertical Takeoff and Landing (eVtol)
		🛠 Jose Furuzawa – Embraer
	11:30	Lunch on Campus
	13:00	Machine Learning and Aircraft Braking
		 ASDL Student – Georgia Tech
	13:45	Sustainability in Aviation Outlook
		Mimi Hoover – SAPOE Officers
Afternoon	14:30	Afternoon Break/Networking
Session		Sponsored by Aerodata
	15:00	Jaguar Team Update (Departure ICA, Clearways and ADIP)
		Jay Leitner – American Airlines and Chris Hill – Delta Airlines
	15:45	Lion Team Update (ASTM Update, TC Advisory Circular ABAR vs PBAR)
		💠 Cpt John Gadzinski – Four Winds Aerospace Safety





Society of Aircraft Performance and Operations Engineers

THANK YOU TO OUR SPONSORS:



Conference Room WiFi and Password: Provided by Georgia Tech On Each Day of the Conference Virtual Participation Information Will be Emailed to Registered Conference Participants For additional information please contact us at <u>officers@sapoe.org</u>.