



# STEM AVSED Program Mission

*Inspire youth from diverse backgrounds to pursue aerospace careers and create a consistent pipeline of professionals for a robust workforce of the future.*



# Four Goal Areas



## Goal 1

Pipelines and  
Pathways to  
Aerospace  
Careers



## Goal 2

STEM Education  
for Every  
Student



## Goal 3

Strategic  
Partnerships to  
Maximize the  
Benefits



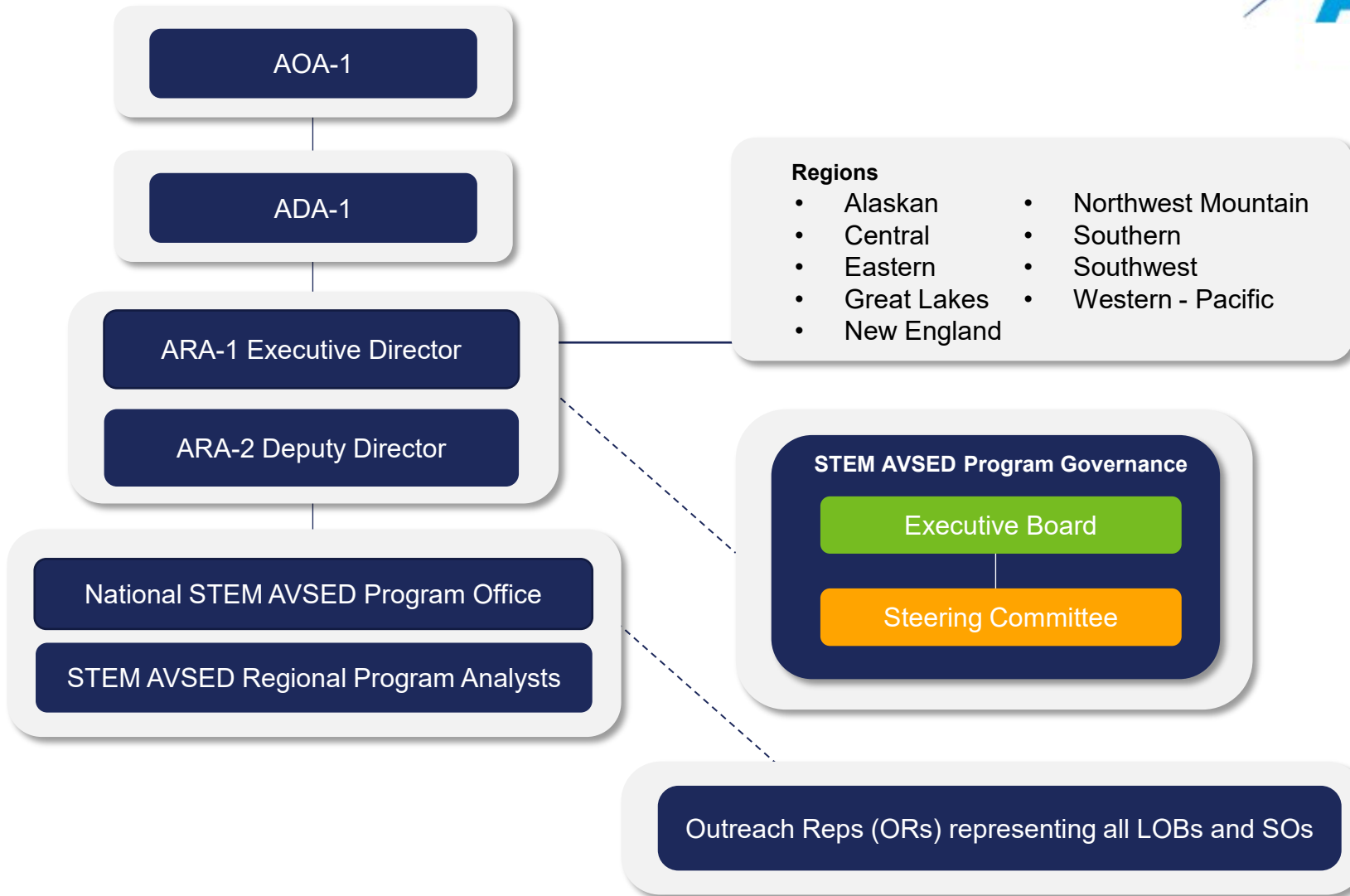
## Goal 4

Cross-Agency  
Collaboration  
to Optimize the  
Program





# Program Structure & Governance



# Where is STEM AVSED?



- We have a Regional Program Analyst (RPA) in 9 regions around the country
- They serve as public Points of Contact for questions relating to STEM-based aerospace education
- The RPAs can also assist with tours, speakers, and general support for outreach activities



# Find Your STEM AVSED Program Staff and Regional Analyst

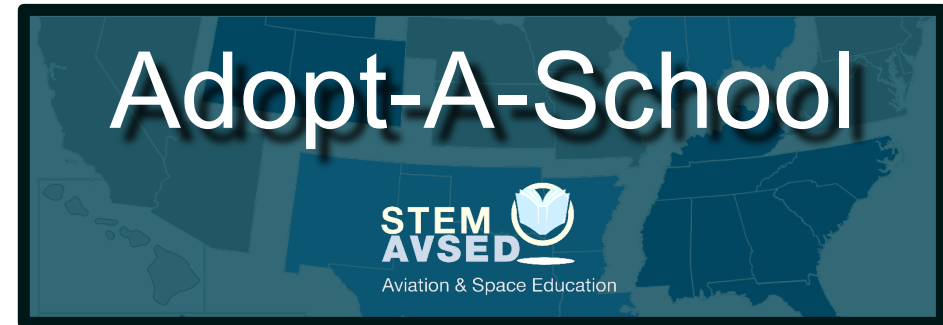
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TBD	Central Regional POC	
Tiffany Matthews	Great Lakes Regional POC	<a href="mailto:Tiffany.Matthews@faa.gov">Tiffany.Matthews@faa.gov</a>
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# Signature Programs



- Spring 2020
- Design virtual airports in Minecraft
- 28 countries & 6 continents
- Over 7,000 students enrolled in 3 years
- Over 200 ORs from 9 regions
- Year-round format this spring



- Summer 2021
- Broader representation and diversity
- Historically underrepresented communities
- 4<sup>th</sup> Graders – key turning point
- 6 lessons spanning aviation concepts
- 700 Students from 17 schools



# Take Action!

- You, as key stakeholders in the future of the aerospace industry, will be directly impacted by the work of the STEM AVSED Program and its success.

**So, how can we work together?**

- Reach out to the ARA-100 staff and see how you can support our adopted schools.
- Share information regarding Airport Design Challenge with other aviation professionals and the children you know.
- Connect with our Regional Points of Contact to identify local outreach opportunities.

