

Org-Type	Government-based		
Lead	NASA Ames Research Center	PoC	Deborah Bazar, Project Manager
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Address			
URL			
Service-Region	Nationwide		
Type	Student Program		
Subjects	Engineering		
Level	Undergraduate		
Other-Objectives	aeronautics, systems engineering, mechanical engineering, engineering design process		
Served-per-Year	1000	Demographics	
Content	<p>This award is an opportunity for university students to work with NASA engineers to conceive, design, fabricate and test a radio-controlled aircraft capable of taking off and landing while carrying a maximum load of cargo. Students will develop their aircraft and compete for the new NASA Systems Engineering Award as part of the Aero Design competition, made possible through a partnership between NASA's Aeronautics Research Mission Directorate and SAE International. Students competing for the award will receive e-mail feedback from NASA engineers who will review the students' work at two critical points during the design and development of their aircraft. Participation in the NASA Systems Engineering Award is optional. The purpose of this new award is to engage students in the systems engineering process. NASA wants to expose more of today's engineering students to systems engineering concepts and practice, which are integral to industry and research in today's world.</p>		
Outcomes	<p>With this competition, NASA continues its tradition of investing in the nation's education programs. The competition directly ties into the agency's major education goal of strengthening NASA and the nation's future workforce. Through this and the agency's other college and university programs, NASA will identify and develop the critical skills and capabilities needed to support its long-term aeronautics requirements.</p>		
Started		Funded-Through	
Length	Ongoing	Cost	
Primary-Funding		Primary-\$	
Materials			
Other-Funding	Aeronautics Research Mission Directorate, NASA Headquarters		
How-Assessed			
Best-Practice-Why			
Promising-Practice			
Sponsor		Sponsor-Org	
Sponsor-Phone		Sponsor-Email	
Other-Orgs	Various university teams from around the country that participate in the SAE International Aero Design West and Aero Design East competitions		