Program-Title Team America Rocketry Challenge STEM Inventory

Org-Type Professional Association-based

Lead Aerospace Industries Association & PoC N/A

National Association of Rocketry

PoC-Phone N/A PoC-Email rocketcontest@aia-aerospace.org

Address 1000 Wilson Boulevard Suite 1700 Arlington, VA 22209

URL

Service-Region Nationwide

Type Student Program

Subjects General Science | Chemistry | Physics | Engineering

Level Middle School (5-8th grade) | High School (9-12th grade)

Other-Objectives

Served-per-Year Demographics

Content The annual Team America Rocketry Challenge is the largest model rocket showcase on the planet. This year's Challenge was to design,

build, and fly a model rocket carrying a raw egg and return it safely to the ground while staying aloft for exactly 45 seconds and reaching an altitude of 850 feet. Every year the competition changes guidelines and next year a new exciting challenge will await our

Funded-Through

Entry# 25

contestants.

Outcomes The program aims to create and maintain interest in rockets for students in middle and high schools.

Length Cost

Primary-Funding Primary-\$

Materials

Started

Other-Funding

How-Assessed

Best-Practice-Why

Promising-Practice

Sponsor Sponsor-Org

Sponsor-Phone Sponsor-Email

Other-Orgs National Aeronautics and Space Administration Department of Defense American Association of Physics Teachers 3M Company AAI

Corporation Aerojet Alliant Techsystems Inc. American Pacific Corporation Analytical Graphics, Inc. Argo-Tech Corporation Aviall, Inc. BAE SYSTEMS North America Barnes Aerospace The Boeing Company Crane Aerospace Cubic Corporation Ducommun Incorporated DRS Technologies, Inc. Embraer Aircraft Holding Inc. General Electric Company GKN Aerospace Services Goodrich Corporation W. L. Gore & Associates, Inc. Harris Corporation Honeywell ITT Industries Lockheed Martin Corporation Natel Engineering Co. Inc. National Technical Systems (NTS) Northrop Grumman Corporation Parker Aerospace The Purdy Corporation Raytheon Company Rockwell Collins Rolls-Royce North America Inc. Smiths Aerospace Mechanical Systems Swales Aerospace Textron United Technologies

Corporation Vought Aircraft Industries, Inc. Woodward Governor Company