

NEW YORK WING, CIVIL AIR PATROL



AEROSPACE EDUCATION NEWSLETTER ONLINE

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WESTERN NEW YORK GROUP was selected First Place Winner at the NY Wing Conference Aerospace Education Display Competition by unanimous vote of the judges. Their display, entitled, *The Right Stuff (aka miracle over the Moon)* was created by personnel from three different units of Western New York Group working together.



Photo by Lt Col George Geller, CAP

Western New York Group personnel from three different Squadrons working together prepared the Aerospace Education Display "Miracle on the Moon" that was the unanimous choice by the judges for First Place. *Left to right:* C/Amn Kaden Brushaber, C/2d Lt Jacob Entente, C/2d Lt Calvin Przybysz, C/1st Lt Gavin Swanson, and C/2d Lt Samuel Entente. Note on the screen in the display the Lunar Module is shown making it's descent to the surface of the Moon. The Senior Member mentors and advisors were 1st Lt Rob Przybysz, Lt Col Ellen Maternowski.



Cadets and Senior Members from Western New York Group around their Display in the exhibition hall.



A close-up view. When operated by a Cadet, this display depicts a Lunar Module approaching and landing on the Moon.



Western New York Group is presented with the Ruth Nichols Travelling Trophy Award for First Place in The Aerospace Education Display Competition.



Recipients of the Ruth Nichols Travelling trophy cling to it as admiring Director and Assistant Director of Aerospace Education look on.



Photo by Lt Col George Geller

Second Place at the New York Wing Aerospace Education Display Competition went to Middle Eastern Group represented by Schenectady Composite Squadron with their display entitled *Lunar Module*. The Cadets were C/A1C Andrew Barnard, C/Amn Juan Garcia, and C/Amn Kayleigh Gervais. The Senior Member mentors and advisors were 2d Lt Andrea Barnard, SM Jennifer Langlais.



Photo by Lt Col George Geller

Third Place went to Catskill Mountain Group represented by Sullivan County Cadet Squadron for the display entitled *Wind Tunnels and the Apollo Program*. The Cadets were C/A1C Corey Sullivan, C/MSgt Galen Ferrara, C/SSgt Alexa Pishtey, C/Amn Sky Perry, and C/A1C Maya T Winograd. The Senior Member mentors and advisors were 2d Lt Claire Sullivan, and 1st Lt William Mason



Photo by Lt Col George Geller

Southeastern Group represented by Dutchess County Cadet Squadron whose display was entitled *The Smallest Step, the Biggest Leap: A Mission that Made History*. Cadets: C/2d Lt Caleb Verdu, C/SrA Jocelyn Powell, C/SSgt Catherine Mulvey, C/Amn Alexa Nagle, C/MSgt Kayla Bomba, and C/TSgt Michael Ilardi. Nearly every Cadet in the Squadron helped a bit. The Senior Member mentors and advisors were Maj Sunshine Tartter, 2d Lt Damien Powell.



Photo by Lt Col George Geller

South Central Group represented by Twin Tiers Cadet Squadron whose display was entitled *Hunt for the Altitude*. Cadets: C/1stLt Jacob Spinosa, C/CMSgt Lucas Pratt, C/SMSGT Jack Vakiener, and C/Amn TJ Melvin Breese. Senior Member mentors and advisors: Maj Jason Balliet, Capt Clarinda Balliet,



Photo by Lt Col George Geller

Long Island Group represented by Lt Quentin Roosevelt Cadet Squadron whose display was entitled *Starlite - The Lost Heatshield*. Cadets: C/1stLt Michael Catanzaro, C/1stLt Salvatore Manfredonia, and C/CMSgt Samara Podmore. Senior Member mentors and advisors: Capt Ken Barone, and 2d Lt Andrea Manfredonia.

A brief overview of the Apollo 11 mission: It was launched on July 16, 1969 by a three stage Saturn V rocket and put into 1 1/2 orbits of Earth. Then the 3rd stage of the Saturn V, which has burned very little fuel thus far, was sent on its way to the Moon. The Command-Service Module parted from the third stage of the Saturn V, turned around, docked with the Lunar Module and coasted toward the Moon making minor corrections as needed. The Command-Service Module orbited the Moon and two astronauts, Buzz Aldrin and Neil Armstrong got into the Lunar Module (called Eagle) to detach from the Command-Service module and land on the Moon while Michael Collins continued to orbit the Moon in the Command-Service module. Armstrong was the first to exit the Lunar Module and said the now famous words, "one small step for man; one giant leap for mankind" on July 20, 1969. Both men explored the moon, took many photos, and collected samples of rocks for 2 1/2 hours. They blasted off in the ascent stage of the Lunar Module to dock with the Command-Service module for the trip back to Earth. They were recovered by helicopters from the aircraft carrier *Hornet* in the Pacific Ocean near Hawaii on July 24, 1969.