

Civil Air Patrol

# Summer of Innovation

Capt. Walter Dutton

Las Cruces Composite Squadron

# Civil Air Patrol

- All Volunteer, Community Organization
- Officially Auxiliary of the US Air Force
- Adults – Senior Members
- Teen-agers – Cadets
- Wear USAF uniforms with distinctive insignia

# Civil Air Patrol

- Came into being December 1, 1941
- Anti-Submarine patrols
- border reconnaissance flights
- ferrying critical spare parts
- flying search and rescue missions
- starting the first Cadet Program for youths

# Civil Air Patrol

- After the War, CAP became official USAF Auxiliary, with three missions:
  1. Emergency Services and Disaster Relief
  2. The cadet Program
  3. Aerospace Education

**Civil Air Patrol's**

**Teacher Orientation Program**

***“Orientation Flights for Teachers”***



# Purpose

**The CAP Teacher Orientation Program provides the unique opportunity for teachers to experience orientation flights in CAP aircraft. Teachers receive these flights during an AE workshop and then share the knowledge and excitement of the flight with their students.**



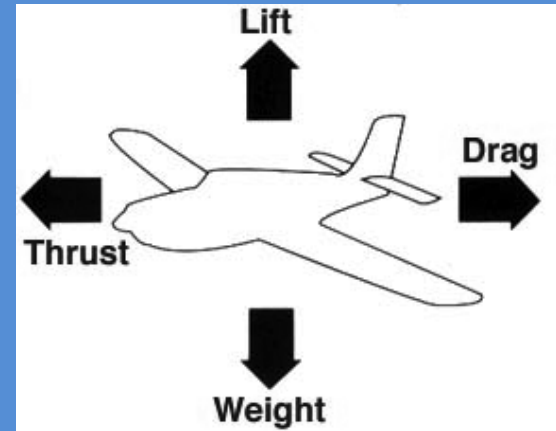
# Why Conduct Teacher Orientation Flights?

- To connect CAP units with teachers in the community.
- To provide professional experiences, excitement and knowledge for teachers that can be transferred directly to their students.
- To foster CAP's cadet program and aviation career interest in the classrooms of America.
- To share an appreciation for Civil Air Patrol's missions for America throughout our country.



# Workshop/Program Discussion

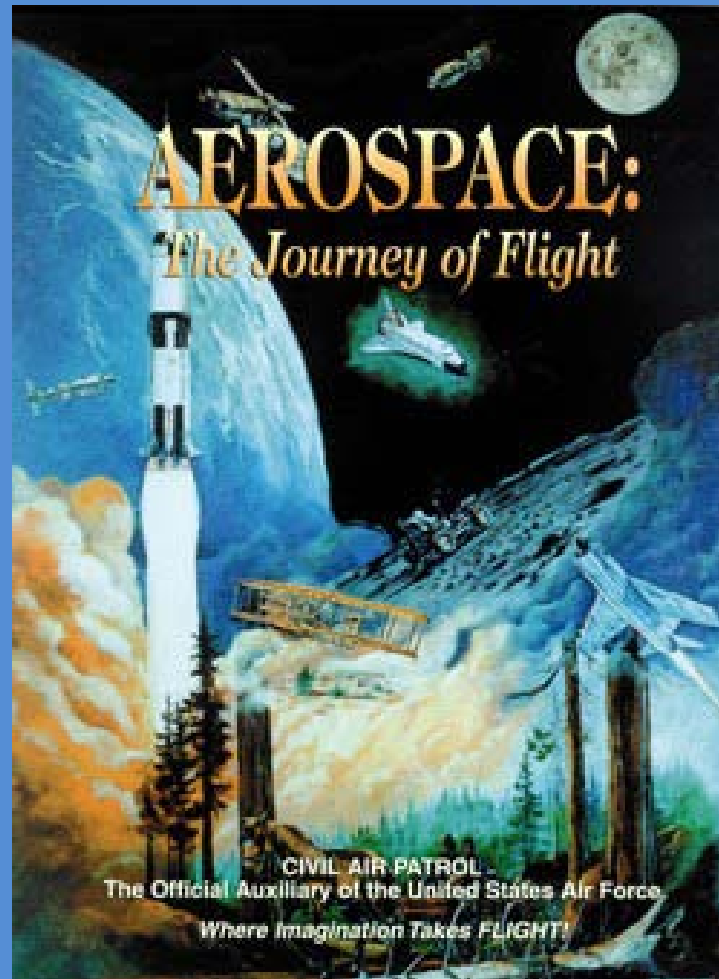
1. Sample Schedules for Fly-a-Teacher Workshop
2. Basic Flight Instruction
  - a. Bernoulli's Principle – Wings and Lift
  - b. Paper Airplane and the Four Forces of Flight
3. Suggestions for “wait” time in between flights



# AE Material



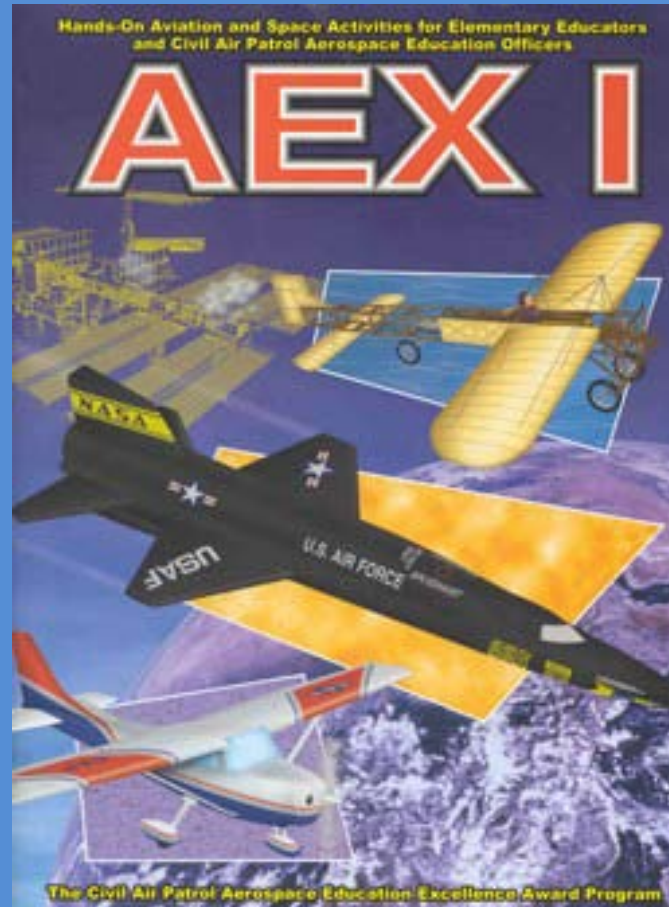
# The Journey of Flight



# Aerospace Dimensions



# Hands on activities



# Class Room how Airplanes Fly



# Flight Simulator Practice



# Las Cruces Teachers



# Las Cruces Teachers



# Las Cruces Teachers



# Civil Air Patrol

## The Cadet Program

1. Leadership
2. Aerospace Education
3. Moral Guidance
4. Physical fitness

# Civil Air Patrol

## The Cadet Program

Other Activities include:

- orientation flights in CAP aircraft
- model rocket firings
- radio communication practice
- color guard and drill team participation
- summer or winter encampments
- Special Activities

# Civil Air Patrol

## The School Enrichment Program (SEP)

- Cadet Program in Middle and High Schools
- Taught by a certified teacher
- Elective or after school activity

# Aerospace Education Membership Application

- Vanguard stores and the CAP training materials:  
[http://www.vanguardmil.com/index.php?main\\_page=index&cPath=6\\_2418&page=Training-Materials](http://www.vanguardmil.com/index.php?main_page=index&cPath=6_2418&page=Training-Materials)
- CAP brochure with teacher application:  
[http://www.ispcs.com/files/tiny\\_mce/file\\_manager/launch/soi/CAP\\_Brochure.pdf](http://www.ispcs.com/files/tiny_mce/file_manager/launch/soi/CAP_Brochure.pdf)
- NM Wing, CAP headquarters phone: 505-268-5678
- NM Wing, CAP headquarters fax:  
505-268-3469 or, toll free 800-852-7845.