



Summer Flight Experience

**Guidelines Itinerary
Application
2010**

Summer Flight Experience

Sponsored by the Aviation Education Foundation of Colorado, Inc. (AEFCO), the Summer Flight Experience is for young people ages 15 – 19. Although earning the Summer Flight Scholarship for flight training is a major goal, your child will experience teamwork, learning, new friends – and fun!

Your child will come away enthusiastic, inspired and ready to meet new challenges. This is an excellent introduction to the science, history and adventure of flight. Young people will learn about aircraft systems, aerodynamics, weather, navigation and take special VIP tours of the Colorado Springs Air Traffic Control Facility and 302nd Airlift Wing, Peterson AFB.

Summer Flight Experience runs **June 16 – June 25, 2010**, 8:00 AM to 4:00 PM. For more information on this thrilling experience for your child, contact **Richard Martin, President, AEFCO, at 719-683-6587**.

Location:

Meadow Lake Airport Association Hangar, Meadow Lake Airport, Falcon, CO

Eligibility Requirements:

- Applicant must be 15 through 19 years of age on the first day
- Applicant must submit a type written essay about their aviation related experiences and goals and why they want to attend this event

Important Milestones:

- Monday, 5/3/10—Application DEADLINE
- Saturday, 5/08—5/29/2010—Applicants interview with AEFCO Directors (Voluntary)
- Tuesday, 6/02/2009—Attendees will be announced and notified
- Tuesday, 6/15/2010, 7:00 PM – Orientation/reception— Mandatory attendance with parent/guardian
- Wednesday, 6/16/2010 8:00 AM—Flight Experience begins
- Friday, 6/25/2010, 5:00 PM — Graduation / Reception

Ground school includes:

- Safety Briefing
- Principles of Aeronautics
- Engine Basics
- Instrument Basics
- Cross-country Flight Planning
- Navigation / Radio Navigation
- Radio Communication & Practice
- Introduction to Airports & Air-space

Flights include:

- Preflight checklist
- Takeoffs and Landings
- Climbs and Descents
- Ground reference practice
- Emergency procedures
- Limon Cross-country

Daily Itinerary

The staff members are all volunteers.

Itinerary

Wednesday, 6/16/10 — Flight Experience begins “Get Acquainted”

- Safety Briefing
- Principles of Aeronautics
- Controlling the Aircraft
- Engine and Instrument Basics
- Introductory Aircraft Flights
- Rectangular patterns, Descents
- Preparation for landing

Afternoon Session

- Issue and explanation of study material
- Study of Aeronautics

Thursday, 6/17/10

- Introduction to Airports and Airspace

Afternoon Session

- Radio Communication & Practice

Friday, 6/18/10

- Introduction of Navigation
- Pilotage
- Dead Reckoning
- Radio Navigation

Afternoon Session

- Cross Country Flight Planning

Monday, 6/21/10—Flight Instruction Begins

- Review of Preflight Lessons
- Flight Maneuvers: Take offs, Climbs, Level Flight, Turns, Rectangular Patterns, Approach to Landings

Itinerary

Afternoon Session

- Review Flight Activities
- Introduction of Aviation Weather

Tuesday, 6/22/10 — Flights

- Intro to Radio Navigation
- Intro to Instrument Flight
- Slow Flights, Slips, Landings

Afternoon Session

- Aviation Physiology

Wednesday, 6/23/10 — Flights

- Flights to Colorado Springs Airport

Afternoon Session

- Field trip to Colorado Springs Airport

Thursday, 6/24/10 — Flights

- Cross Country Trips to Limon

Afternoon Session

- Tour Maintenance Facilities and Projects at Meadow Lake

Friday, 6/25/10 — Flights

- Flight Review

Afternoon Session

- Turn in Study Materials
- Guest Speakers: Opportunities in Aviation & Space

**GRADUATION
RECEPTION
BEGINS AT 5:00 PM**

Students not on flights in the morning will be introduced to study materials and begin preparation for the afternoon classes.

Lunch and snacks will be provided each day.

Retain for your information

Thank you!

The Aviation Education Foundation expresses sincere thanks to all who made last year's Summer Experience so successful.

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