THE NEW CADET AEROSPACE EDUCATION PROGRAM

On January 1, 2001 the Civil Air Patrol will transition to the new cadet aerospace education program. Among the changes include the introduction of two new books, *Aerospace Dimensions* and *Aerospace: The Journey of Flight.* This new program is in direct response to feedback from the field that the current program needed to be updated to reflect changes in cadet demographics. Some of the factors that influenced this change include the fact that 53 percent of CAP cadets are now age 10-14. Yes, amazingly enough, CAP has cadets that are as young as 10 years old! "The main focus of the new program is to target the entire aerospace education curriculum to the appropriate age level of our cadets," said John Salvador, Chief of Aerospace Education at Civil Air Patrol National Headquarters. The new program is designed to inspire and motivate our cadets to become interested in aviation and space and to capture their imaginations. "We are committed to providing the most up-to-date form of aerospace education for our cadets in a captivating and enjoyable manner so our cadets will become so interested that they will want to pursue careers in our nation's aerospace industry and our military," said Brigadier General James Bobick, CAP's National Commander. He continued, "Space is crucial to our future national security and, without doubt, many of our cadets will play a key role in maintaining the freedoms our country has enjoyed for over 200 years." He concluded, "I am confident that in our cadet program today we have future astronauts, NASA engineers, aerospace industry executives, and next generation United States Air Force commanders."

"The current Phase I and Phase II text, *Aerospace: The Flight of Discovery*, was written many years ago for an older population of cadets," says Jeff Montgomery, head of CAP's internal aerospace education program and author/executive editor of the new aerospace education textbooks. "*The Aerospace: The Flight of Discovery* was written for 9th graders and most of our cadets are in the 6th to 8th grade. When CAP changed its rules, permitting young people entering the 6th grade to become cadets, our program had to change to meet their educational requirements." On the other end of the spectrum, Phase III and Phase IV cadets also needed to have aerospace education materials geared to their age level. The completely revised aerospace education curriculum has a specific program just for them. Senior cadets will use the new materials to help them mentor and instruct the younger cadets.

The first new book in the new aerospace education program is, *Aerospace Dimensions*. It is designed for Phase I and Phase II cadets. It replaces the *Aerospace: The Flight of Discovery* and is actually not a single textbook but six separate, softbound learning modules. The titles of these six modules are: Introduction to Flight, Aircraft Systems and Airports/Airways, Air Environment, Rockets, Space Environment, and Spacecraft. Each learning module consists of approximately 35 full-color pages. In addition to age-appropriate material, each module is designed to be accomplished over a two-month period. The modules can be accomplished in any order. This allows new cadets to join right in with the other cadets who are already in the program. Everyone can work on the same module at the same time. The modules are supported with all new student, leader, and resource guides. In addition, each module has learning outcomes and

"Test your knowledge" questions. Finally, every module includes several fun and exciting hands-on, group-based activities that reinforce the learning outcomes. All of these activities can be accomplished with readily available and inexpensive materials. For example, in learning module one, Introduction to Flight, cadets will build a model of the famous supersonic SR-71 spy plane out of foam pipe insulation and meat trays. It even flies! Ray Bean, Director of Cadet Programs at CAP National Headquarters, is exuberant about the new cadet AE program. "The new aerospace education materials are not only fun and exciting, they are going to help our cadets learn and succeed."

All of the modules were field tested in CAP units around the country this past summer. "The feedback we received was overwhelmingly positive," said Dr Ben Millspaugh, Rocky Mountain Region Director of Aerospace Education and one of the authors/editors of the new materials. "With the new cadet aerospace education program, we are going to do a much better job of meeting the objectives of our Congressionally chartered aerospace education mission...and the kids (and senior members) are going to have a great time doing all the exciting aerospace activities we have designed for them."

The second new aerospace education textbook, *Aerospace: The Journey of Flight* is also a full-color product and is designed for cadets in Phase III and Phase IV. Portions of this 27 chapter, 650 page, hard-bound textbook will become assigned reading for our older cadets. These readings will be an excellent tool to help our senior cadets fulfill their mentoring and instructor responsibilities with the younger cadets. The six major areas of the *Aerospace: Journey of Flight* textbook are History of Air Power, Air Environment, Principles of Flight and Navigation, Rockets, Space, and Aerospace Community.

The transition to the new aerospace education program will occur as follows. New cadets who begin Phase I of the cadet program after January 1st 2001 will receive the six *Aerospace Dimensions* learning modules in the mail along with the rest of their initial registration materials. A two-year phase in period has been established for cadets currently enrolled in Phase I and Phase II. Those cadets in Phase I or Phase II have two options. They can either continue under the old program and complete all the achievements in the *Aerospace: The Flight of Discovery* by January 1st 2003 or they can transition immediately to the new program and get credit for all achievements accomplished under the old program. For example, if a cadet in Phase II has completed four achievements in the old program, all he/she will have to do is complete two different achievements under the new program.

Cadets in Phase III or Phase IV must begin the new program on January 1st. The headquarters staff debated this decision for a long time but finally decided it must be done if the new program is to meet its full potential in the short term. All cadets currently enrolled in Phase III or IV will receive a copy of the new *Aerospace: The Journey of Flight* textbook in the mail directly from the publisher before the January 1st implementation date. Cadets who complete Phase II and earn the Mitchell Award after January 1st will automatically receive the *Aerospace: The Journey of Flight* textbook in

the mail from the CAP bookstore along with the rest of the regulations and other materials required for Phases III and IV.

The Air Force is totally committed to supporting the new cadet aerospace education program. In fact, the Air Force even paid for the *Aerospace: The Journey of Flight* textbooks so that it'll be easier and more affordable for the cadets to complete Phase III and Phase IV. "We're happy to make the transition a little simpler for the cadets," said Colonel Dennis Parkhurst, CAP-USAF Commander. "The new aerospace education curriculum is going to help promote American leadership in the global aerospace environment and better prepare our cadets for a more space-oriented and technological society." Summarizing the total impact of the new cadet aerospace education program, Jim Mallett, Director of Aerospace Education and Professional Development at CAP National Headquarters had the following to say: "We've started a new chapter for one of CAP's three primary missions. This is the most revolutionary change to the cadet aerospace education program in over 20 years. The impact will be far reaching...our cadets, the United States Air Force, and our nation will greatly benefit from all the hard work we've put into the new aerospace education program."

CIVIL AIR PATROL

NEW CADET AEROSPACE EDUCATION PROGRAM

NEW CADET PROGRAM

- **Textbooks:**
  - *Aerospace Dimensions* (phases I & II)
    - Actually not a textbook but 6 separate learning modules
  - *Aerospace: The Journey of Flight* (phases III & IV)

NEW CADET PROGRAM

- Timeline: *Aerospace Dimensions*
  - Finish field tests - Aug 31
  - Review and revise - Sep - Oct
  - Send to publisher - Oct 16
  - Send to field - Nov 15
  - Implement new program - Jan 1, 2001

NEW CADET PROGRAM

- Timeline: *Aerospace: The Journey of Flight*
  - Finish development - Aug 31
  - Send to publisher - Sep 20
  - Send to field - Nov 15
  - Implement new program - Jan 1, 2001

NEW CADET PROGRAM

- *Aerospace Dimensions*
  - 6 modules (phases I & II)
    - Introduction to Flight
    - Aircraft Systems, Airports/Airways
    - Air Environment
    - Rockets
    - Space Environment
    - Spacecraft

NEW CADET PROGRAM

- *Aerospace Dimensions (Cont)*
  - Age-appropriate
    - 53% of cadets are age 10-14
    - Written for 6th to 8th grade level
    - 84% of cadets have not completed the Mitchell Award
      - New program helps stimulate progress toward the Mitchell Award

attachment 12-6 to agenda item 23 "new business" item b

NEW CADET PROGRAM

- *Aerospace Dimensions (Cont)*
  - Philosophy
    - Interesting, informative & fun
    - Hands-on, group-based activities
    - Stand alone modules
  - Support Materials
    - Leader guides
    - Student study guides

NEW CADET PROGRAM

- *Aerospace: The Journey of Flight*
  - For cadets in phases III & IV
  - Written for the 9th to 10th grade level
  - Gives cadets the depth of knowledge necessary to be mentors and instructors for cadets in phases I and II

NEW CADET PROGRAM

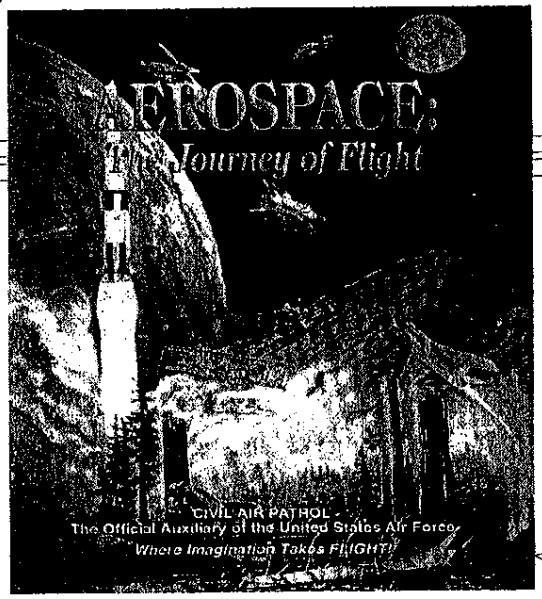
- *Aerospace: The Journey of Flight*
  - 27 chapter text
    - Examples: History of Air Power, Air Environment, Principles of Flight and Navigation, Rockets, Space, Aerospace Community
  - Short answer review tests only on chapters that relate to major subject areas of *Aerospace Dimensions*

NEW CADET PROGRAM

- *Phase-In Program*
  - All cadets that join after Jan 1 will receive the *Aerospace Dimensions* learning modules. Cadets still working under *Flight of Discovery* can continue under the old program (until Jan 1, 2003 or may switch to the new program). Credit will be given for chapters completed under the old program i.e. if a cadet has completed three chapters of the old text, he/she will only need to complete three different subject modules from the new program

NEW CADET PROGRAM

- *Phase-In Program (Cont)*
  - Two sets of tests (one for *Flight of Discovery* and one for *Aerospace Dimensions*) will be maintained until the unit completes the transition to the new program
  - For cadets in phases III & IV, all short answer review tests will be from the new *Aerospace: The Journey of Flight* beginning on Jan 1, 2001
    - All cadets and composite units will receive a copy of the new textbook



e-mail to White House
sent November 1, 2000

From: Civil Air Patrol
105 South Hansell Street
Maxwell AFB, AL 36112-6332

Re: Statement by the President on signing H.R. 4205

Dear Mr. President:

On Monday you issued a statement on signing into law H.R. 4205, the "Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001". Toward the end of your statement you raised constitutional concerns with some of the provisions of the Act. Among them, in referring to the establishment of a Board of Governors for the Civil Air Patrol, you said: "Insofar as this Board is an office of the Federal Government exercising significant authority, the provision for the appointment of the Board's members would raise concerns under the Appointments Clause. Accordingly, I will instruct the Secretary of the Air Force, in issuing the regulations authorized by this provision, to retain a degree of control over the Board that appropriately limits its authority."

Civil Air Patrol questions the underlying hypothesis that the Board of Governors is an office of the Federal Government. Civil Air Patrol is a private, non-profit corporation chartered by Congress at sections 40301-40307 of Title 36. H.R. 4205, at Section 1090(b)(2)(A) amends 40303 by inserting the provision for a Board of Governors with composition and responsibilities as set forth in section 9447 of Title 10. Further, Section 9441(a)(2) of Title 10, as amended by H.R. 4205, states specifically that "Except as provided in section 9442(b)(2) of this title, the Civil Air Patrol is not an instrumentalilty of the Federal Government for any purpose."

Robert G. Damus, General Counsel, Office of Management and Budget, in an opinion written June 11, 1999 to the Honorable Jeh Charles Johnson, General Counsel, Department of the Air Force SAF/GC, noted: "This very close relationship between the Air Force and the CAP might lead one to conclude that the CAP is, in fact, a Federal agency. However, the courts have already held that the CAP is an 'independent, non-governmental entity,' and as such 'is not a Federal agency.' Pearl v. United States, 230 F.2d 243, 245 (10th Cir. 1956); United States v. Alexander, 234 F.2d 861, 865-66 (4th Cir. 1953), cert. denied, 352 U.S. 892 (1956). According to the information provided by your office, this same conclusion has been reached by the Air Force's Judge Advocate General." In fact, on July 12, 2000, Secretary of the Air Force Peters signed a Cooperative Agreement with Civil Air Patrol under the Federal Grants and Cooperative Agreement Act, Title 31 sections 6301-6308. A Cooperative Agreement would not have been necessary if Civil Air Patrol was an office of the Federal Government.

In light of the above, on behalf of Civil Air Patrol, I respectfully request that you not issue an executive order or otherwise limit the authority of the Board of Governors.

Sincerely,

James C. Bobick
Brigadier General, CAP
National Commander

attachment 13-1 to agenda item 23 "new busines" item c

CIVIL AIR PATROL
National Headquarters
Maxwell AFB AL 36112-6332

CAP REGULATION 52-10

31 December 2000–DRAFT

Cadet Programs

CAP CADET PROTECTION POLICY

This regulation is the official policy on cadet protection for the Civil Air Patrol (CAP) and describes CAP's policies concerning the procedures for identifying, reporting, and responding to cadet abuse situations. Supplements to this regulation require NHQ CAP/CP approval with the concurrence of NHQ CAP/GC. **Note: Shaded areas identify new or revised material.**

CAP Cadet Protection Policy. CAP is committed to doing everything reasonably possible to combat the potential for child abuse within our organization and to discourage our cadets from illegal use of alcohol and other drugs. CAP members are expected to avoid even the appearance of impropriety involving cadets and report suspected abuse immediately. For the purpose of this policy, abuse is defined in two categories. The first is sexual abuse. Cadets will not be subjected to sexual molestation, touching, contact, exposure, suggestions, or other incidents of a sexually oriented nature. Physical abuse is the second type. Cadets will not be physically struck, hazed, or assaulted in any way.

a. Reporting Requirements. Senior members, cadets, and parents/guardians should immediately report incidents of observed or suspected abuse to the unit commander or commander at the next higher level of command. Whenever a commander has received a report of abuse, suspects that abuse has occurred or may occur, or believes there is an appearance of impropriety in the nature of cadet abuse by a member of CAP, the commander will immediately suspend the member from working with cadets and will report the abuse as follows:

1) **Sexual Abuse.** The unit commander will immediately notify the wing commander who will immediately notify the wing legal officer and the General Counsel (at 334-264-7152 during business hours or 888-519-8338 after hours, weekends, and holidays) or the Executive Director (at 334-834-2236). No investigation will be conducted nor statements taken until specifically directed by the General Counsel. The General Counsel will notify the region commander, other appropriate officials, and state agencies as required.

2) **Physical Abuse.** The unit commander will immediately notify the wing commander who will immediately notify the region commander, the wing legal officer, and the General Counsel. The wing commander will consult with the wing legal officer before directing an investigation or administrative action. In cases where physical injuries are involved, follow the notification and reporting procedures in CAPR 62-2, *Mishap Reporting and Investigation*. Members who have observed or believe they have been subject to physical abuse may file a complaint in accordance with CAPR 123-2, *Complaints*.

3) **Hazing.** Hazing is defined as any conduct whereby someone causes another to suffer or to be exposed to any activity that is cruel, abusive, humiliating, oppressive, demeaning, or harmful. Actual or implied consent to acts of hazing does not eliminate the culpability of the perpetrator. Examples of hazing include using exercise as punishment or assigning remedial training that does not fit the deficiency (such as making a cadet run laps for having poorly shined shoes). Hazing, as defined in this policy, is considered a form of physical abuse and the reporting procedures for physical abuse must be followed.

b. Personnel Actions. Commanders will initiate appropriate personnel actions when they determine there is cause to separate any member (cadet or senior) from contact with cadets. Personnel actions involving sexual abuse cases must be coordinated in advance with the General Counsel. The personnel action will depend on the nature and seriousness of the incident. Available options include suspended status (CAPR 35-1, *Assignment and Duty Status*) or nonrenewal action (CAPM 39-2, *Civil Air Patrol Membership*).

c. Standards for Leadership.

1) Senior members, cadets, and persons who supervise cadet activities or serve in leadership positions must possess high moral and ethical standards, be emotionally stable, and demonstrate leadership qualities necessary to serve as positive role models.

2) All senior members must be screened in accordance with CAPM 39-2 and undergo cadet protection training before working with cadets (CAPR 50-17, *CAP Senior Member Training Program*). Members who have not completed the screening process and received their "approved" status will not be permitted to act as the primary supervisor at cadet

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Supersedes CAPR 52-10, 2 January 1999.
OPR: CPC
Distribution: In accordance with CAPR 5-4.

activities or associate with cadets in any way without the **in-person** supervision of a senior member who is currently in "approved" status. Approved status is defined by a leadership code of "A" on the monthly membership listing and the issuance of a membership card that does not reflect the word "temporary."

3) Exceptions to this policy:

a) FAA certified flight instructors participating in National special activities. These individuals must have received their "temporary" membership card and completed Cadet Protection Program Training prior to the start of the activity; however, the in-person supervision of an "approved" member is not required during periods of dual flight instruction or orientation flights where the cadet is accompanied by one of these instructor pilots.

b) Activity instructors. At times, non-CAP adults are invited to participate in activities where CAP youth are involved. For example, a unit may ask a certified first aid instructor to teach our youth, or a unit may invite an Air Force recruiter to share with our youth the benefits of enlisting in the Air Force, or an activity may seek individuals to assist with the activity. Non-CAP adults can be present with our CAP youth as long as there is a CAP senior member physically present with the non-CAP adult at all times. The CAP senior member must currently be in "approved" status.

d. Commander Responsibilities. Commanders must be sensitive to the potential for cadet abuse and carry out the policies and procedures set forth in this regulation. As a minimum, commanders will:

1) Exercise judgment and discretion when selecting senior members, cadets, and other persons to conduct or supervise cadet activities.

2) Encourage members to report any observed or alleged abuse.

3) When cadet abuse is alleged and/or verified, suspend the member from all CAP activities, make immediate notification, and take appropriate personnel actions in accordance with the provision of paragraph b above.

4) Ensure that at least two "approved" senior members are present at all overnight cadet activities. Encourage at least two senior members to be present at all cadet activities (with the exception of chaplain counseling or cadet orientation flights). This policy is for the protection of the senior members as well as the cadets.

5) Conduct periodic orientations for senior members to ensure they understand the procedures and policies set forth in this regulation.

6) Ensure cadets are informed of the policies contained in this regulation.

7) Spot-check signatures on permission slips.

8) Provide parents with a calendar of activities and notify the parents when a scheduled activity is cancelled, relocated, or changed.

9) Give the parents an opportunity to personally meet the senior members by periodically designating meetings as "parents night."

10) Mail parents a current roster of members who supervise or conduct cadet activities.

e. Parental Involvement. Parental involvement is one of the most effective deterrents of child abuse. The following suggestions are ways to encourage parental involvement:

1) Conduct periodic meetings with other parents to discuss child abuse. Let the other parents know CAP is making an effort to prevent such abuse.

2) Establish a parents committee to provide input on cadet activities. Membership in CAP is not necessary to be a part of this committee.

3) Require a permission slip, signed by the parent or guardian, for each activity outside of the regular squadron meetings.