AS 200 Spring Semester
Introduction

On Dec 17, 1903, the Wright Brothers flew first powered, controllable, heavier-than-air craft...the Army wasn’t interested.

“Air warfare knows no boundaries...on land and sea, other than those imposed by the radius of action of the aircraft...”

- Air Marshal Arthur Tedder

AOC Mediterranean, Dep Cdr SHAEF
Overview

- Complete administrative items
- Course overview
- Term Counseling…Mandatory Items
- Review of CFD Model from last term
  - Competencies, Functions, Doctrine
- Aircraft of the Week

So, let’s get on with the administrivia…
Admin Notes

- **Term Counseling sessions** (required)
  - Review Form 48s, other issues
  - Sign up before next class (bulletin board)

- **Oral Exercise Schedule**
  - Sign up before 2 Feb (bulletin board)

- **Aircraft of the Week Briefing Schedule**
  - Sign up before next class (bulletin board)

- **Update Profile Sheets before you leave**
Rules of Engagement

- Be prepared for class
- No food permitted in classroom
- Observe and practice military customs/courtesies in class
- Call class to attention at beginning/end
Rules of Engagement Quiz

- What percent of classes must you attend to pass?
- Uniforms will be worn for class…True or False?
- What do you do if you’re late for class?
  - Enter quietly and be seated; see me after
- What must you do if you miss a class?
  - PRIOR to next class, submit MFR (IAW T&Q) explaining absence
  - Unexcused: 2 Pts deducted from Final Grade
  - No MFR: 1 additional point deducted
  - Illness?...go to clinic; include info from doctor with MFR

Questions?
My Availability

- In-person, phone, or email
  - Office phone: 392-1355
  - Office email: rfitzpat@ufl.edu
  - Home phone: 386-462-0608
- 24 hours per day, 7 days a week

**DON’T HESITATE**

*Silence isn’t always golden!*
AS 200 Overview

- Balloons - Kitty Hawk
- WW I
- Interwar Years and Doctrine Development
- World War II
- Independent Air Force and the Cold War
- Berlin Airlift
- Korea
- Vietnam
- Desert Storm
- Post Desert Storm Operations
- Former Republic of Yugoslavia
- Afghanistan and Iraq

End of 1st Semester
Course Overview

Agenda for this semester:

- Vietnam (2 class periods)
- Rebuilding for an Air & Space Force (2 class periods)
- The Persian Gulf War (DESERT STORM)
- Post Cold-War Operations
- Conflict in the former Republic of Yugoslavia
- Global War on Terrorism
- Review
- Quizzes & Final Exam
- Aircraft of the Week briefings
- Oral Exercise (3 class periods)
Textbooks

All except American Military Aviation are student retention

- *American Military Aviation...The Indispensable Arm*, by Charles J. Gross, 2002
- T-213 Cadet Study Guide
- *Tongue & Quill*

So where do you find the reading assignments?
Course Syllabus

- Hard Copy and On-Line (www.afrotc.ufl.edu)
  - Lesson Objectives and Samples of Behavior
  - Reading Assignments for Each Class
  - Description of Oral Exercise
    - 5-minute informative briefing on USAF in 2025
    - 1-page talking paper (summarizes briefing points)
  - Grading Criteria
  - Class Schedule
Grades

- Final Exam 30 Pts
- Oral Exercise 20 Pts
- Instructor Points 20 Pts
- Quizzes 20 Pts
- Aircraft Brief 10 Pts

TOTAL 100 Pts
# Scoring

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<td>85 – 89</td>
<td>B+</td>
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<td>80 – 84</td>
<td>B</td>
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<td>75 – 79</td>
<td>C+</td>
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<td>70 – 74</td>
<td>C</td>
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<td>60 – 64</td>
<td>D</td>
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*Questions?*
Quizzes & Final Exam

- Multiple choice / Short answer
- Drawn from your readings, classroom discussion, lectures, and videos
- Based on Lesson Objectives
  - Specifically…the Samples of Behavior

Objectives found in course syllabus…
Mandatory Counseling

Generic…Applies to Everyone

- Mandatory Counseling for GMC Cadets
  1. Membership Requirements
  2. GMC Retention Standards

- Mandatory Counseling for Cadets on Contract (CSP, POC)
  3. Academic Retention Standards
  4. Military Retention Standards
  5. Medical Standards

*Items that apply only to you…covered during individual counseling*
But First…Paperwork Requirements

- Front Side, fill in only **ONLY**:
  - DET 150
  - NAME Last, First MI
  - AS Year 200
  - Check ✓ GMC

- Back Side:
  - NAME OF CADET First Last

*That’s it…let’s get started with Section IV, Front Side*
1. Membership Requirements

*Initial each block, signifying you’ve been counseled on that item*

a. GMC membership does not guarantee a scholarship or entry into POC

b. Must pass LLAB and must get a C, or better, in my class (we don’t give C-)

c. Report all Involvements (civil, military, UF)...even if seemingly insignificant

  - Within 72 hours

  - By the start of classes, after a break
GMC Counseling Requirements

1. Membership Requirements
(Continued)

d. AF drug abuse policy...zero tolerance

e. Santa Fe students must transfer to UF to be eligible for POC (or maintain scholarship)
f. Duty in the AF may involve nuclear weapons, combat, or remote assignment/TDY... regardless of marital or dependent status
g. AS 100 cadets on scholarship incur commitment (active duty/payback) after 1st AS 200 class
1. Membership Requirements
(Continued)

h. (Guys Only) If over 18, must register with Selective Service
i. Field Training (4/6 week) is a prerequisite for POC entry (unless deferred)
j. BMDTS, AAS, & CAP are sponsored by student gov’t…not AF. If you get hurt…
k. Professional conduct is expected 24/7
2. GMC Retention Standards

To remain eligible for POC or scholarship

a. Must maintain standards of:
   1. Body fat, Appearance, & Fitness
   2. Decorum & Discipline
   3. Military Performance

b. If discontinued from GMC…may take academic classes as Special Student

c. N/A for UF

d. Once medically “qualified,” immediately report any change in medical status
3. Academic Retention Standards

a. Maintain term and cum GPA of 2.0 (2.5 for scholarship)

b. Maintain full time status of 12 units

c. Must pass LLAB and get a C, or better, in AS Classes*

   - (Not on Form 16) Must not receive an “E” in any class or “D” in “core” course
   - (Not on Form 16) Must not receive an “I” in any class…unless beyond cadet’s control

*Not meeting academic standards = conditional event

*Will also result in disenrollment investigation
4. Military Retention Standards

*You are NOT maintaining standards if you:*

a. Get in trouble with civil, military or school authorities *(reminder: report w/in 72 hrs)*

b. Use illegal drugs…**hemp derivatives**…or display chronic alcohol abuse

c. Have undesirable character traits impacting effectiveness/performance as officer candidate

d. Fail PFT or weight (BF) standards

e. Display inaptitude…or lack maturity and judgment expected of officer candidates
4. Military Retention Standards

You are NOT maintaining standards if you:

f. Don’t comply with ROTC dependency policy

g. Are unable to adjust to the military environment

h. Do not receive an enrollment allocation for POC
5. Medical Standards

- Report changes in medical status immediately
  - If appropriate you will be placed in medical recheck status (MRS)
- Cadets in MRS are not eligible to enlist or commission...until cleared by AETC/SG
Air and Space Power
(CFD Model: 3 Associated Terms)

- Competencies (capabilities)
- Functions (missions)
- Doctrine
Competencies

- Competencies ≈ capabilities or “what we do well”
- Air Force Core Competencies: Air and space expertise, capabilities, and technical know-how distinctive to the United States Air Force or “what we do best”
  - Developing Airmen: the “heart” of combat capability
  - Technology-to-warfighting: the “tools” of combat capability
  - Integrating Operations: “maximizing” combat capabilities
Other Air and Space Power Capabilities

- Air and Space Superiority
- Information Superiority
- Global Attack
- Precision Engagement
- Rapid Global Mobility
- Agile Combat Support
Functions

- Functions ≈ missions or “what we’re tasked to do”
- Broad, fundamental, and continuing activities of air and space power not unique to the Air Force

Counterair
Counterspace
Counterland
Countersea
Counterinformation
Strategic Attack
Combat Search
Navigation
Air Refueling
Spacelift
Special Ops
Intelligence
Surveillance
Reconnaissance
Airlift
Weather Services
Command & Control

Deja vu!
Doctrine

- A belief in the best way to implement/use air and space power or “what we believe”
- Based on:
  - History
  - Technology
  - Leaders, etc.
- Provides guidance to those at the pointy end of the spear
- Must NOT stagnate
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<thead>
<tr>
<th>Time Period</th>
<th>Competencies (capabilities)</th>
<th>Functions (missions)</th>
<th>Doctrinal Emphasis</th>
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<tbody>
<tr>
<td>Pre World War I</td>
<td>• Information gathering</td>
<td>• Reconnaissance</td>
<td>Artillery spotting, gathering military information to support land forces</td>
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<td>• Limited Attack</td>
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<td>Post World War I</td>
<td>• Information gathering</td>
<td>• Reconnaissance</td>
<td>Theater Attack of military targets</td>
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<td>• Limited Attack</td>
<td>• Counterair</td>
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<td>• Limited Air Superiority</td>
<td>• Theater Attack</td>
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<td>Pre World War II</td>
<td>• Information gathering</td>
<td>• Reconnaissance</td>
<td>Strategic Attack on the enemy homeland (war machine)</td>
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<td>• Limited Attack</td>
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<td>Post World War II</td>
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<td>January 2006</td>
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Aircraft of the Week

Colonel Fitzpatrick
Briefer
F-15 Eagle

- **Mission**
  - All weather tactical fighter
  - Air Superiority/Multi-role

- **Contractor**
  - McDonnell Douglas
  - Entered Inventory – 1976

- **Crew**
  - A/C models—one
  - B/D/E models—two

- **Armament/Payload**
  - Internal cannon w/ 940 rounds
  - 8 air-air missiles (Sidewinder, Sparrow, AMRAAM)
  - Wide range of air-ground

**Primary Locations (A/B/C/D/E)**

- **USAF**
  - Langley AFB
  - Tyndall AFB
  - Eglin AFB
  - Mountain Home AFB
  - Nellis AFB
  - Seymour Johnson AFB
  - Elmendorf AFB
  - Kadena AB, Japan
  - RAF Lakenheath

- **Foreign Users**
  - Japan
  - Israel
  - Saudi Arabia
Summary

Completed administrative issues

1. Profile sheet
2. Briefing schedules
3. Counseling schedule
4. Mandatory Counseling Items

Lessons this semester

Review of CFD Model

- Competencies (Capabilities)
- Functions (Missions)
- Doctrine

Aircraft of the Week

Next week, we start with Vietnam...come prepared.
“With us air people, the future of our nation is indissolubly bound up in the development of air power!”

- Brigadier General Billy Mitchell