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**Subject:** FW: Computers for 2015

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**From:** Gutierrez, Barbara L CIV USAF USAFA USAFA/CMA

**Sent:** Tuesday, May 10, 2011 6:12 AM

**Subject:** Computers for 2015

Attached are the specs on the computers for the Class of 2015.

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BARBARA GUTIERREZ

Parents' Liaison

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## **BACKGROUND PAPER**

**ON**

## **CLASS OF 2015 CADET COMPUTER ISSUE**

**Issue Date: Monday, 1 August 2011**

### **Specifications:**

- Lenovo Thinkpad X220 tablet computer
- Intel Core i5-2520M processor (dual-core, 2.50GHz, 3MB cache)
- Intel Huron River
- 8GB PC3-10600 1333MHz DDR3)
- 1320GB 7200 rpm Hard Drive
- 12.5" HD (1366x768) with multi-touch
- DVD+/-RW
- Port replicator with 2<sup>nd</sup> power charger
- Smart Card Reader
- Slice battery
- Integrated 10/100/1000 Ethernet
- Wireless 802.11a/b/g/n
- External Mouse and Keyboard
- 4 years parts-only warranty (includes main battery)

### **Costs:**

- \$1,765.00 For all the above; contract with AAFES
- \$ TBD Accessories (bag, lock, network cable, power strip)

- \$ TBD Total with 2% AAFES fee

**Software Pre-Loaded:**

- Windows 7 64-bit Enterprise
- Office 2010, Symantec Endpoint Anti-Virus
- USAFA licensed software for classes (e.g. SolidWorks, VBrick, Raptor, etc.)
- Software costs approximately \$140/cadet and is charged in Sep

**Items Not Included:**

- Personal printer (inkjet or laser with USB 2.0 cable) – \$60 - \$200
- 19"-24" flat panel for their rooms (analog or digital-DVI) - \$200 - \$400
- These items make good gifts for parents or grandparents to buy them over Parents' Weekend.

**Email Address:** [C15first.last@usafa.edu](mailto:C15first.last@usafa.edu)

There are some exceptions for long names, e.g. Christopher shortened to Chris

## Common Issues and Questions:

- **Why tablet computers?** – The selection committee decided the pedagogical reasons for tablets out-weighed the increased cost and weight. The tablet can be used for taking hand-written notes in class, including math formulas, drawings, diagrams, etc.
- **Can upperclass cadets buy the same computer?** Yes, they need to email Larry Bryant before 10 July, so one can be delivered on 1 Aug for them.
- **Printers** are not included in the computer purchase for several reasons:
  - It is a “personal preference” item – some want cheap black and white, while others want high-quality photo printers.
  - They are not necessary, since we provide squadron printers.
  - They make good gifts for parents and grandparents.
- We teach “**computer ethics**” in Comp Sci 110 to convince cadets that certain common practices done in high school (e.g. illegally copying music or movies) are no longer acceptable and are punishable.

I'll be happy to address any other questions the parents ask. They can call me at 719-333-3994 or email [larry.bryant@usafa.edu](mailto:larry.bryant@usafa.edu)