

AeroVironment Inc
 Form 4
 September 27, 2007

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Grabowsky John F

(Last) (First) (Middle)

C/O AEROVIRONMENT, INC., 181 W. HUNTINGTON DRIVE, SUITE 202

(Street)

MONROVIA, CA 91016

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 AeroVironment Inc [AVAV]

3. Date of Earliest Transaction (Month/Day/Year)
 09/25/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VP and GM

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price |
| Common Stock | 09/25/2007 | | S ⁽¹⁾ | | 1,997 | D | \$ 22 |
| Common Stock | 09/25/2007 | | S ⁽¹⁾ | | 3,387 | D | \$ 22.01 |
| Common Stock | 09/25/2007 | | S ⁽¹⁾ | | 4,031 | D | \$ 22.02 |
| Common Stock | 09/25/2007 | | S ⁽¹⁾ | | 4,719 | D | \$ 22.03 |
| Common Stock | 09/25/2007 | | S ⁽¹⁾ | | 625 | D | \$ 22.04 |

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| | | | | | | | |
|--------------|------------|------------------|--------|---|----------|--------|---|
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 5,148 | D | \$ 22.05 | 19,504 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 1,247 | D | \$ 22.06 | 18,257 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 2,050 | D | \$ 22.07 | 16,207 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 3,241 | D | \$ 22.08 | 12,966 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 10,158 | D | \$ 22.09 | 2,808 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 842 | D | \$ 22.1 | 1,966 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 429 | D | \$ 22.14 | 1,537 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 71 | D | \$ 22.15 | 1,466 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 100 | D | \$ 22.16 | 1,366 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 400 | D | \$ 22.23 | 966 | D |
| Common Stock | 09/25/2007 | S ⁽¹⁾ | 966 | D | \$ 22.24 | 0 | D |

| | | | | | | | | |
|--------------|--|--|--|--|--|-----|---|--|
| Common Stock | | | | | | 150 | I | Shares held in the name of Matthew Grabowsky, son of Mr. Grabowsky |
|--------------|--|--|--|--|--|-----|---|--|

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

of (D)
(Instr. 3,
4, and 5)

(Instr

| Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|------|---|-----|-----|---------------------|--------------------|-------|--|
|------|---|-----|-----|---------------------|--------------------|-------|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-----------|
| | Director | 10% Owner | Officer | Other |
| Grabowsky John F C/O AEROVIRONMENT, INC. 181 W. HUNTINGTON DRIVE, SUITE 202 MONROVIA, CA 91016 | | | | VP and GM |

Signatures

/s/ Marco Quihuis, 09/27/2007
Attorney-in-fact

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by John F. Grabowsky on April 16, 2007.
- Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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