

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Conver Timothy E</u>  (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 <u>AeroVironment Inc [ AVAV ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chairman, President and CEO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/18/2010</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/18/2010		S <sup>(1)</sup>		7,000	D	\$25.21 <sup>(2)</sup>	3,513,392	I	See footnote <sup>(3)</sup>
Common Stock	02/19/2010		S <sup>(1)</sup>		7,000	D	\$25.35 <sup>(4)</sup>	3,506,392	I	See footnote <sup>(3)</sup>
Common Stock								768,795	I	See footnote <sup>(5)</sup>
Common Stock								100	D	

**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 of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

**Explanation of Responses:**

- The transactions reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by Mr. Conver, as Trustee of The Conver Family Trust, on October 5, 2009.
- The price reported represents the weighted average price of shares sold. Shares were sold at varying prices in the range of \$25.01 - \$25.50. The Reporting Person hereby undertakes, upon request of the Staff of the U.S. Securities and Exchange Commission, the issuer or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.
- Held by The Conver Family Trust, of which Mr. Conver is one of the trustees. Mr. Conver disclaims beneficial ownership of any securities in which he does not have a pecuniary interest.
- The price reported represents the weighted average price of shares sold. Shares were sold at varying prices in the range of \$25.22 - \$25.50. The Reporting Person hereby undertakes, upon request of the Staff of the U.S. Securities and Exchange Commission, the issuer or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.
- Held by The Whiting Family Limited Partnership, of which Mr. Conver is a limited partner. Mr. Conver disclaims beneficial ownership of any securities in which he does not have a pecuniary interest.

**Remarks:**

/s/ Marco Quihuis, Attorney-in-Fact 02/22/2010

\*\* Signature of Reporting Person Date

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

\* 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).

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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