

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB Number: 3235-0104

Estimated average burden

hours per response: 0.5

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>Minson Roy E.</u> (Last) (First) (Middle) <u>C/O AEROVIRONMENT, INC.</u> <u>181 W. HUNTINGTON DRIVE, SUITE 202</u> (Street) <u>MONROVIA CA 91016</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>05/07/2012</u>	3. Issuer Name and Ticker or Trading Symbol <u>AeroVironment Inc [AVAV]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP and GM</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	12,000 ⁽¹⁾	D	
Common Stock	3,000 ⁽²⁾	D	
Common Stock	10,000 ⁽³⁾	D	
Common Stock	10,000 ⁽⁴⁾	D	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Options (Right to Purchase)	⁽⁵⁾	06/30/2020	Common Stock	15,000	26.18	D	

Explanation of Responses:

- The shares are subject to a right of forfeiture in favor of the Company that lapses with respect to 3,000 shares on each of June 30, 2012, 2013, 2014 and 2015.
- The shares are subject to a right of forfeiture in favor of the Company that lapses with respect to 3,000 shares on June 30, 2012.
- The shares are subject to a right of forfeiture in favor of the Company that lapses with respect to 2,000 shares on each of July 11, 2012, 2013, 2014, 2015 and 2016.
- The shares are subject to a right of forfeiture in favor of the Company that lapses with respect to 2,000 shares on each of April 4, 2013, 2014, 2015, 2016 and 2017.
- The options vest in five equal annual installments beginning one year from June 30, 2010.

/s/ Marco Quihuis, Attorney-in-Fact 05/17/2012

** 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 5 (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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