AeroVironment Inc Form SC 13G/A February 12, 2009

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.1 )\*
\*\*Exit Filing\*\*

Aerovironment, Inc.

(Name of Issuer)

Common

(Title of Class of Securities)

008073108

(CUSIP Number)

Check the following box if a fee is being paid with this statement []. (A fee is not required only if the filing person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7.)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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Schedule 13G Amendment No. 1 (continued)

CUSIP No. 008073108

\_\_\_\_\_\_

1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Baron Capital Group, Inc.

\_\_\_\_\_\_

2	CHECK THE	APPROPRIAT	TE BOX IF A MEI	MBER OF A GROUP*	(a) [ ] (b) [ ]		
3	SEC USE O	NLY					
4	CITIZENSH New York	IP OR PLACE	E OF ORGANIZAT	ION			
NUMBER OF SHARES BENEFICIALLY		5 SOLE	E VOTING POWER 0				
10	WNED BY EACH PORTING	6 SHAF 950,	RED VOTING POWI	ER			
	PERSON WITH	7 SOLE	E DISPOSITIVE 1				
		8 SHAF 950,	RED DISPOSITIV	E POWER			
9	AGGREGATE	AMOUNT BEN	NEFICIALLY OWN	ED BY EACH REPORT	ING PERSON		
	950,000						
10	CHECK BOX	IF THE AGG	GREGATE AMOUNT	IN ROW (9) EXCLU	DES CERTAIN SHARES*		
11	PERCENT O	F CLASS REF	PRESENTED BY AI	MOUNT IN ROW (9)			
12	TYPE OF REPORTING PERSON*						
	HC, CO						
		*SEE I	INSTRUCTIONS B	EFORE FILLING OUT			
				Page 3 of 11	Pages		
	Schedule 1	3G Amendmer	nt No. 1 (cont	inued)			
CUSIP	No. 008073	108					
1		-		OF ABOVE PERSON			
	BAMCO, In	C.					
2	CHECK THE	APPROPRIAT	TE BOX IF A MEI	MBER OF A GROUP*	(a) [ ] (b) [ ]		
3	SEC USE O	 NLY					

4	CITIZENSHI	P OR PL	 ACE OF	ORGANIZ	ATION							
	New York											
NUMBER OF SHARES			OLE VOI	ring pow								
OW	EACH	6 SHARED VOTING POWER 950,000										
P	ORTING ERSON WITH	7 S	7 SOLE DISPOSITIVE POWER 0									
			HARED D	DISPOSIT	IVE PO	WER						
9	AGGREGATE	AMOUNT 1	3ENEFIC	CIALLY O	WNED E	BY EAC	H REPO	RTING	PERS	ON		
10	CHECK BOX	IF THE	AGGREG <i>P</i>	ATE AMOU	UNT IN	ROW (	 9) EXC	LUDES	CERT	AIN S	SHARES	*
11	PERCENT OF	CLASS	 REPRESE	ENTED BY	AMOUN	IT IN	 ROW (9	)				
	4.5%											
12	TYPE OF RE	PORTING	PERSON									
	IA, CO											
		*SE	INSTF	RUCTIONS	BEFOR	RE FIL	LING O	UT				
						Page ·	4 of 1	1 Pag	res			
	Schedule 13	G Amendi	nent No	o. 1 (co	ntinue	ed)						
CUSIP	No. 0080731	08										
1	NAME OF RE S.S. OR I.				. OF	ABOVE	PERSO	)N				
	Baron Smal	l Cap F	ınd									
2	CHECK THE	APPROPR	IATE BO	OX IF A	MEMBEF	R OF A			(a)	[ ] [ ]		
3	SEC USE ON								(D)	L J		
4	CITIZENSHI			ORGANIZ								
	BER OF	5 S	OLE VOI	 TING POW O								

DENERTOTATIV							
BENEFICIALLY OWNED BY EACH REPORTING	6 SHARED VOTING POWER 950,000						
	7 SOLE DISPOSITIVE POWER 0						
	8 SHARED DISPOSITIVE POWER 950,000						
9 AGGREGATE 2	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
10 CHECK BOX	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*						
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)						
12 TYPE OF REI	TYPE OF REPORTING PERSON*						
	*SEE INSTRUCTIONS BEFORE FILLING OUT						
	Page 5 of 11 Pages						
Schedule 130	G Amendment No. 1 (continued)						
CUSIP No. 0080731	18						
1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON							
Ronald Bard	on 						
2 CHECK THE 2	APPROPRIATE BOX IF A MEMBER OF A GROUP*  (a) [ ]  (b) [ ]						
3 SEC USE ON	.,У						
4 CITIZENSHII	P OR PLACE OF ORGANIZATION						
SHARES	5 SOLE VOTING POWER 0						
BENEFICIALLY OWNED BY EACH	6 SHARED VOTING POWER 950,000						
REPORTING PERSON WITH	7 SOLE DISPOSITIVE POWER 0						

8 SHARED DISPOSITIVE POWER 950.000

950**,**000 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 950,000 \_\_\_\_\_\_ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) \_\_\_\_\_\_ 12 TYPE OF REPORTING PERSON\* HC, IN \*SEE INSTRUCTIONS BEFORE FILLING OUT Page 6 of 11 Pages Item 1. (a) Name of Issuer: Aerovironment, Inc. Address of Issuer's Principal Executive Offices: 181 West Huntington Drive, Suite 202 Monrovia, CA 91016 Item 2. (a) Name of Persons Filing: Baron Capital Group, Inc. ("BCG") BAMCO, Inc. ("BAMCO") Baron Small Cap Fund ("BSC") Ronald Baron Address of Principal Business Office: 767 Fifth Avenue New York, NY 10153 (C) Citizenship: BCG and BAMCO are New York corporations. Baron Small Cap Fund is a series of a Massachusetts business trust. Ronald Baron is a citizen of the United States. Title of Class Securities: Common (e) CUSIP Number: 008073108 Item 3. PERSONS FILING: BCG and Ronald Baron are: (g) Parent holding companies, in accordance with Section 240.13d-1(b)(ii)(G) BAMCO is:

(e) Investment Advisers registered under Section 203 of

the Investment Advisers Act of 1940

BSC is:

(d) Investment Company registered under Section 8 of the Investment Company Act.

All persons filing are:

(j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J)

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#### Item 4. OWNERSHIP^

(a) Amount Beneficially Owned as of December 31, 2008:

BCG: 950,000 shares
BAMCO: 950,000 shares
BSC: 950,000 shares
Ronald Baron: 950,000 shares

(b) Percent of Class:

BCG: 4.5% BAMCO: 4.5% BSC: 4.5% Ronald Baron 4.5%

^BCG and Ronald Baron disclaim beneficial ownership of shares held by their controlled entities (or the investment advisory clients thereof) to the extent such shares are held by persons other than BCG and Ronald Baron. BAMCO disclaims beneficial ownership of shares held by its investment advisory clients to the extent such shares are held by persons other than BAMCO and its affiliate.

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(c) Number of shares as to which such person has:

(i) sole power to vote or direct the vote:

BCG: 0
BAMCO: 0
BSC: 0
Ronald Baron: 0

(ii) shared power to vote or direct the vote:

BCG: 950,000 BAMCO: 950,000 BSC: 950,000 Ronald Baron: 950,000

(iii) sole power to dispose or to direct

the disposition of:\*

BCG: 0
BAMCO: 0
BSC: 0
Ronald Baron: 0

(iv) shared power to dispose or direct
 the disposition of:\*

BCG: 950,000 BAMCO: 950,000 BSC: 950,000 Ronald Baron: 950,000

- Item 5. OWNERSHIP OF 5% OR LESS OF A CLASS Filing Persons have ceased being the beneficial owners of more than 5% of the filing class of securities reported herein.
- Item 6. OWNERSHIP OF MORE THAN 5% ON BEHALF OF ANOTHER PERSON Not Applicable.
- Item 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

BAMCO is a subsidiary of BCG. Baron Small Cap Fund is an advisory client of BAMCO. Ronald Baron owns a controlling interest in BCG.

Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

See Item 3.

\* By virtue of investment advisory agreements with its clients, BAMCO has been given the discretion to dispose of the securities in the advisory accounts. All such discretionary agreements, are however, revocable.

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Item 9. NOTICE OF DISSOLUTION OF GROUP

Not applicable.

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 13, 2009

Baron Capital Group, Inc.
and BAMCO, Inc.
By:

/s/ Ronald Baron

December 2012 Commence of CEO

Baron Small Cap Fund By: /s/ Ronald Baron Ronald Baron, CEO Ronald Baron, Individually By: /s/ Ronald Baron Ronald Baron Page 10 of 11 Pages Joint Filing Agreement The undersigned each hereby agree that the Schedule 13G Amendment No. 1 dated February 13, 2009, which relates to the common stock of Aerovironment, Inc. to be filed jointly on behalf of each of them for the reasons stated therein, and any amendments thereto shall be filed jointly by the undersigned. Dated: February 13, 2009 Baron Capital Group, Inc. and BAMCO, Inc. By: /s/ Ronald Baron Ronald Baron, Chairman and CEO Baron Small Cap Fund By: /s/ Ronald Baron Ronald Baron, CEO Ronald Baron, Individually By:

/s/ Ronald Baron

Ronald Baron