RUSSELL DONALD

FORM 4,	ר דו
November 16, 2010	•
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Check this box

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

Expires:

3235-0287 Number:

OMB APPROVAL

January 31, 2005

0.5

Estimated average burden hours per

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obligations

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * **RUSSELL DONALD**

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

AEROSONIC CORP/DE/ [AIM]

(Check all applicable)

(Last) (First) (Middle)

(Street)

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

_X__ Director 10% Owner Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

11/11/2010

4. If Amendment, Date Original

Applicable Line)

X Form filed by One Reporting Person

1212 N. HERCULES AVENUE

Filed(Month/Day/Year)

Form filed by More than One Reporting

Person

CLEARWATER, FL 33765

(City)	(State) (Z	(Zip) 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 onAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)			
Common Stock par value \$0.40	11/11/2010		A	1,761 (1)	A	\$ 0 (2)	109,446	D		
Common Stock par value \$0.40							2,500	I	by spouse	
Common Stock par value \$0.40							1,100	I	by trust for minor	
Common Stock par value \$0.40							900	I	by trust for minor	

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

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SEC 1474 (9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans

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

	 Title of 	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	J
	Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
	(Instr. 3)	Price of		(Month/Day/Year)	fonth/Day/Year) (Instr. 8) Derivative		S			ities	(Instr. 5)]
		Derivative				Securities	1	(Instr.	3 and 4)		(
		Security				Acquired]
·						(A) or						J
						Disposed						-
						of (D)						(
						(Instr. 3,						
						4, and 5)						
										Amount		
									or			
							Date Exercisable	Expiration Date	Title 1	Number		
										of		
				Code V	(A) (D)				Shares			
					Code v	(A) (D)				Shares		

Reporting Owners

Director 10% Owner Officer Other

RUSSELL DONALD
1212 N. HERCULES AVENUE X
CLEARWATER, FL 33765

Signatures

/s/ Donald Russell 11/11/2010

**Signature of Date
Reporting Person

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) These shares represent director compensation for the 1st and 2nd quarters of fiscal year 2011.
- (2) These shares were issued pursuant to Aerosonic Corporation's 2004 Stock Incentive Plan, as amended and restated on July 26, 2007, and further amended on July 13, 2009.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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