Peierls Brian E Form 4 September 17, 2012

FORM 4

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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 *

Peierls Brian E

2. Issuer Name and Ticker or Trading Symbol

AeroGrow International, Inc.

[AERO.PK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

_X__ 10% Owner Director _ Other (specify Officer (give title

7808 HARVESTMAN COVE

(Street)

09/13/2012

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

below)

AUSTIN, TX 78731

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned						ially Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Approx Disposed of (Instr. 3, 4 and Amount	f (D)	red (A)	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)
Common Stock	09/13/2012		J	250,000	A	\$ 0 (1)	8,765,313	D	
Common Stock	09/13/2012		J	1,000,000	A	\$ 0 (1)	57,768,754 (2)	I	By The Peierls Foundation, Inc.
Common Stock	09/13/2012		J	500,000	A	\$ 0 (1)	5,467,266 (3)	I	By the UD Ethel F. Peierls Charitable Lead Trust

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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)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	tionNumber	Expiration D	ate	Amou	nt of	Derivative	
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)) Derivative	e		Securi	ties	(Instr. 5)	
	Derivative				Securities			(Instr.	3 and 4)		
	Security				Acquired						
					(A) or						
					Disposed						
					of (D)						
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date		Number		
									of		
				Code V	I(A)(D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Name / Address	

Director 10% Owner Officer Other

Peierls Brian E

7808 HARVESTMAN COVE X

AUSTIN, TX 78731

Signatures

/s/ Brian E.
Peierls 09/14/2012

**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).
- The Reporting Person has made a loan to the Issuer, and the Issuer has made a note to the Reporting Person for the loan amount and for no additional consideration, the Issuer has issued shares to the Reporting Person as reflected in the table above. The Issuer has informed the Reporting Person that the shares will be valued at \$0.0025 per share.
- (2) Mr. Peierls is Vice President and a Director of The Peierls Foundation, Inc. ("Foundation") and may be deemed to indirectly own the securities owned by the Foundation.
- (3) Mr. Peierls is a Co-Trustee of the U.D. Ethel F. Peierls Charitable Lead Trust (the "Trust") and may be deemed to indirectly own the securities owned by the Trust.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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