Wactlar Edward Form 3 November 18, 2010

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

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting

Person *

A Wactlar Edward

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

11/18/2010

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

AEROFLEX HOLDING CORP. [ARX]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(give title below) (specify below)

Senior VP & General Counsel

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O AEROFLEX INCORPORATED, Â 35 SOUTH

SERVICE ROAD

(Street)

Director _X__ Officer

10% Owner Other

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One Reporting Person

PLAINVIEW, NYÂ 11803

(City) (State) (Zip)

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned

(Instr. 4)

3. Ownership 4. Nature of Indirect Beneficial Ownership

Form: Direct (D) or Indirect

(Instr. 5)

(I) (Instr. 5)

Common Stock, par value \$.01 per share

0

Ι See Note (1) (2)

Reminder: Report on a separate line for each class of securities beneficially

owned directly or indirectly.

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)

Expiration Date (Month/Day/Year)

2. Date Exercisable and 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

4. 5. Ownership Conversion or Exercise Form of

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Price of Derivative Derivative Security:

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Date Expiration Title Amount or Security Direct (D)

Exercisable Date Number of or Indirect
Shares (I)

(Instr. 5)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Wactlar Edward

C/O AEROFLEX INCORPORATED 35 SOUTH SERVICE ROAD PLAINVIEW, NYÂ 11803

Â Senior VP & General Counsel

Signatures

/s/ Edward S. Wactlar

**Signature of Date
Reporting Person

Explanation of Responses:

- * 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).
 - Concurrently with the consummation of the initial public offering of Aeroflex Holding Corp. ("Aeroflex Holding"), VGG Holding LLC ("VGG"), the parent of Aeroflex Holding, will issue Class B-1 membership interests representing an aggregate of 0.3% of the
- (1) membership interests of VGG to certain members of Aeroflex Holding's management, including the Reporting Person. Following such issuance and the consummation of Aeroflex Holding's initial public offering, the Reporting Person will indirectly beneficially own 65,000 shares of Common Stock of Aeroflex Holding that are held by VGG.
 - Pursuant to the terms of the limited liability company operating agreement governing VGG, the holders of Class B-1 membership interests are entitled to receive a percentage of all distributions, if any, made by VGG after (x) the holders of Class A membership
- (2) interests in VGG have received a return of their invested capital plus a 12% per annum internal rate of return (compounded annually) on their invested capital, and (y) certain members of Aeroflex Holding's management that received Class A interests for their capital contributions to VGG have received a special distribution in the aggregate amount of approximately \$3.2 million, together with a 12% per annum internal rate of return (compounded annually).

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.

Reporting Owners 2