Adamovich John Jr 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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement AEROFLEX HOLDING CORP. [ARX] A Adamovich John Jr (Month/Day/Year) 11/18/2010 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O AEROFLEX (Check all applicable) INCORPORATED, Â 35 SOUTH SERVICE ROAD 10% Owner Director (Street) _X__ Officer Other 6. Individual or Joint/Group (give title below) (specify below) Filing(Check Applicable Line) Senior VP, CFO & Secretary _X_ Form filed by One Reporting Person PLAINVIEW, NYÂ 11803 Form filed by More than One Reporting Person (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 Form:

4. Nature of Indirect Beneficial Ownership

(Instr. 5)

Direct (D) or Indirect (I)

(Instr. 5)

Common Stock, par value \$.01 per share 313,265 Ι See Notes (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)

2. Date Exercisable and 3. Title and Amount of 6. Nature of Indirect 1. Title of Derivative Security 4. 5. **Expiration Date** Securities Underlying Ownership Beneficial Ownership (Instr. 4) Conversion (Month/Day/Year) Derivative Security or Exercise Form of (Instr. 5) (Instr. 4) 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

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

 \hat{A} \hat{A} \hat{A} Senior VP, CFO & Secretary \hat{A}

Signatures

/s/ John Adamovich, Jr. 11/18/2010

**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).
- These shares of common stock, par value \$.01 per share ("Common Stock"), of Aeroflex Holding Corp. ("Aeroflex Holding") are held by VGG Holding LLC ("VGG") and are owned indirectly by the Reporting Person by virtue of the Reporting Person's Class A and Class B membership interests in VGG.
 - Concurrently with the consummation of the initial public offering of Aeroflex Holding, VGG will issue Class B-1 membership interests representing an aggregate of 0.3% of the membership interests of VGG to certain members of Aeroflex Holding's management who do not currently own any Class A or Class B membership interests in VGG. Pursuant to the terms of the limited liability company agreement
- (2) of VGG, the issuance of such Class B-1 membership interests will reduce the percentage of the membership interests of VGG held by the holders of Class A membership interests of VGG on a pro rata basis. Following such reduction and the consummation of Aeroflex Holding's initial public offering, the Reporting Person will indirectly beneficially own 313,076 shares of Common Stock of Aeroflex Holding that are held by VGG.

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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