AEROFLEX HOLDING CORP.

Form 4

August 22, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

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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 30(h) of the Investment Company Act of 1940

(Zip)

1(b).

(City)

(State)

(Print or Type Responses)

1. Name and Address of Reporting Person * GOLDMAN SACHS GROUP INC			2. Issuer Name and Ticker or Trading Symbol AEROFLEX HOLDING CORP. [ARX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) 200 WEST ST	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/18/2011	DirectorX10% Owner Officer (give title below) Other (specify below)
			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person
NEW YORK, NY 10282				Form filed by One Reporting Person _X_ Form filed by More than One Reporting Person

(City)	Table 1 - 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. Securi or(A) or Di (Instr. 3,	ispose	d of (D)	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	08/18/2011		P	5,000	A	\$ 8.245	12,769,010	I	See footnotes (1) (2) (3)
Common Stock	08/18/2011		S	5,000	D	\$ 8.3469	12,764,010	I	See footnotes (1) (2) (3)

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

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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		4. T	5.	6. Date Exer		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if		ionNumber	Expiration D		Amou		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	(Year)		rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr.	. 3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(211512
					4, and 5)						
					4, and 3)						
									Amount		
						.	.		or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
are porting of the relationship to the relatio	Director	10% Owner	Officer	Other				
GOLDMAN SACHS GROUP INC 200 WEST STREET NEW YORK, NY 10282		X						
GOLDMAN SACHS & CO 200 WEST STREET NEW YORK, NY 10282		X						
GS Direct, L.L.C. 200 WEST STREET NEW YORK, NY 10282		X						
Signatures								
/s/ Kevin P. Treanor, Attorney-in-fact	08.	/22/2011						
**Signature of Reporting Person		Date						

/s/ Kevin P. Treanor,
Attorney-in-fact
08/22/2011

**Signature of Reporting Person Date

/s/ Kevin P. Treanor,
Attorney-in-fact
08/22/2011

**Signature of Reporting Person Date

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).

Reporting Owners 2

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- This statement is being filed by The Goldman Sachs Group, Inc. ("GS Group"), Goldman, Sachs & Co. ("Goldman Sachs") and GS

 (1) Direct, L.L.C. ("GS Direct", and together with GS Group and Goldman Sachs, the "Reporting Persons"). Each of Goldman Sachs and GS Direct is a wholly-owned subsidiary of GS Group.
 - GS Group and Goldman Sachs may be deemed to beneficially own indirectly 12,764,010 shares of common stock, par value \$0.01 per share (the "Common Stock"), of Aeroflex Holding Corp. ("Aeroflex Holding") by reason of the indirect beneficial ownership of such shares by GS Direct. GS Direct may be deemed to beneficially own indirectly 12,764,010 shares of Common Stock by reason of the
- (2) direct beneficial ownership of such shares by VGG Holding LLC ("VGG"). The membership interests of VGG are held by a private investor group, which includes GS Direct. GS Direct owns 21.7% of the class A membership interests of VGG. Goldman Sachs serves as the manager of GS Direct. Each Reporting Person disclaims beneficial ownership of the securities reported herein except to the extent of its pecuniary interest therein.
- The Common Stock of Aeroflex Holding reported herein as indirectly purchased and sold were beneficially owned directly by Goldman Sachs and may be deemed to have been beneficially owned indirectly by GS Group. Without admitting any legal obligation, Goldman Sachs or another wholly-owned subsidiary of GS Group will remit appropriate profits, if any, to Aeroflex Holding.

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.