Bush Jonathan Form 4 March 31, 2009

FORM 4

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

OMB Number: 3235-0287

OMB APPROVAL

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction 1(b).

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

(Print or Type Responses)

1. Name and Address of Bush Jonathan	Reporting Person *	2. Issuer Name and Ticker or Trading Symbol ATHENAHEALTH INC [ATHN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First	(Middle)	3. Date of Earliest Transaction	(
C/O ATHENAHEALTH, INC., 311 ARSENAL STREET		(Month/Day/Year) 03/27/2009	X Director 10% Owner X Officer (give title Other (specify below) CEO and President			
(Stree	et)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
WATERTOWN, M.	A 02472	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect (Instr. 3) (Instr. 3, 4 and 5) Beneficial Code Beneficially (D) or (Instr. 8) (Month/Day/Year) Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price See Common S 30 (1) D 239,160 Ι 03/27/2009 Footnote 25 19 Stock (2) See Common 200 (1) D 03/27/2009 S 238,960 Ι Footnote Stock (2) Common 346,015 D Stock See Common 100,000 Ι Footnote Stock (3)

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Common See See Stock 13,995 I Footnote (4)

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

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SEC 1474

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9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (Instr. 8	5. etionNum of B) Deriv Secu: Acqu (A) c Dispo of (D (Instr	ber Expir (Mon vative rities tired or osed 0) r. 3,	nte Exerci ration Da nth/Day/Y		7. Titl Amou Under Secur (Instr.	int of lying	8. Price of Derivative Security (Instr. 5)	
				Code	V (A)			Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships				
• 0	Director	10% Owner	Officer	Other	
Bush Jonathan C/O ATHENAHEALTH, INC. 311 ARSENAL STREET WATERTOWN, MA 02472	X		CEO and President		

Signatures

/s/ Daniel H. Orenstein Attorney-in-Fact 03/31/2009

**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).
- (1) The sales reported on this Form 4 were made pursuant to a written trading plan adopted by the trustees of The Bush 2004 Gift Trust (see footnote 2) on January 7, 2008 in accordance with SEC Rule 10b5-1.

(2)

Reporting Owners 2

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These shares are owned by The Bush 2004 Gift Trust, the beneficiaries of which are certain of Mr. Bush's children. The Reporting Person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.

- These shares are owned by The Jonathan J. Bush, Jr. Grantor Retained Annuity Trust Dated July 15, 2008, the beneficiaries of which are Mr. Bush and certain of his children. The Reporting Person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.
- These shares are owned by The Jonathan J. Bush, Jr. 2007 Grantor Retained Annuity Trust, the beneficiaries of which are Mr. Bush and certain of his children. The Reporting Person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.

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.