Bush Jonathan Form 4 February 04, 2009	S SECURITIES AND EXCHANGE (OMB APPROVAL					
UNITED STATE	Washington, D.C. 20549	OMMINISSION OMB Number: 3235-0287					
Section 16. Form 4 or Form 5 Filed pursuant to	OF CHANGES IN BENEFICIAL OW SECURITIES Section 16(a) of the Securities Exchang	NERSHIP OF Expires: January 31, 2005 Estimated average burden hours per response 0.5					
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940 1(b).							
(Print or Type Responses)							
1. Name and Address of Reporting Person <u>*</u> Bush Jonathan	2. Issuer Name and Ticker or Trading Symbol ATHENAHEALTH INC [ATHN]	5. Relationship of Reporting Person(s) to Issuer					
(Last) (First) (Middle)	3. Date of Earliest Transaction	(Check all applicable)					
C/O ATHENAHEALTH, INC., 311 ARSENAL STREET	(Month/Day/Year) 02/02/2009	X Director 10% Owner X Officer (give title Other (specify below) below) CEO and President					
(Street)	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 					
WATERTOWN, MA 02472		Person					
(City) (State) (Zip)		uired, Disposed of, or Beneficially Owned					
(Instr. 3) any	emed 3. 4. Securities Acquired ion Date, if Transaction(A) or Disposed of Code (D) //Day/Year) (Instr. 8) (Instr. 3, 4 and 5) (A) or	5. Amount of Securities6. Ownership Form: Direct7. Nature of IndirectBeneficially Owned(D) or Indirect (I)Beneficial OwnershipFollowing Reported(Instr. 4)(Instr. 4)Transaction(s) (Instr. 3 and 4)(Instr. 4)(Instr. 4)					
	Code V Amount (D) Price						
Common 02/02/2009 Stock	S $\frac{7,000}{(1)}$ D $\frac{35.2}{(2)}$	347,190 D					
Common Stock		240,800 I See Footnote (3)					
Common Stock		100,000 I See Footnote (4)					
Common Stock		13,995 I See Footnote					

(5)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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)	4. Transacti Code (Instr. 8)	5. ofNumber of Derivative Securities Acquired (A) or Disposed of (D)	5	ate	7. Titl Amou Under Securi (Instr.	ınt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
			Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Bush Jonathan C/O ATHENAHEALTH, INC. 311 ARSENAL STREET WATERTOWN, MA 02472	Х		CEO and President			
Signatures						
/s/ Daniel H. Orenstein Attorney-in-Fact	02/04/2009					

**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 Reporting Person on January 9, 2008 in accordance with SEC Rule 10b5-1.

This price represents the weighted average of sales ranging from \$35.02 to \$35.44. Upon request by the Commission staff, the Issuer, or a(2) security holder of the Issuer, the Reporting Person will provide full information regarding the number of shares sold at each separate price.

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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(3) 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

(4) With Bush and certain of his emidden. The Reporting Ferson disetains beneficial ownership of these securities, and this report shar 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 (5) 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 Rerson 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.