JAMIESON JAMES M Form 4

May 10, 2006

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

OMB APPROVAL

OMB 3235-0287 Number: January 31,

Expires: 2005 Estimated average

burden hours per 0.5 response...

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

SECURITIES 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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * JAMIESON JAMES M			2. Issuer Name and Ticker or Trading Symbol BOEING CO [BA]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check an approact)		
100 N. RIVER 5003-1001	SIDE PLAZ	ZA, M/C	(Month/Day/Year) 05/08/2006	Director 10% OwnerX Officer (give title Other (specify below) Sr. V.P., CTO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
CHICAGO, IL 60606			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reportin Person		

							i cison		
(City)	(State)	Zip) Table	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common	05/09/2006		S	10,105	D	\$ 87.61	20,528	D	
Common	05/09/2006		S	1,800	D	\$ 87.86	18,728	D	
Common	05/09/2006		S	5,400	D	\$ 87.88	13,328	D	
Common	05/09/2006		S	2,300	D	\$ 87.9	11,028	D	
Common	05/09/2006		S	500	D	\$ 87.91	10,528	D	
Common							12,492.21	I	

Career Shares

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

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SEC 1474

(9-02)

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. Transaction Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration D (Month/Day)	ate	7. Title and A Underlying S (Instr. 3 and	Securit
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo Num Share
Deferred Compensation Units	<u>(1)</u>	05/08/2006		Ι	33,963.54 (2)	(3)	(3)	Common	33,9

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
JAMIESON JAMES M							
100 N. RIVERSIDE PLAZA			Sr. V.P., CTO				

M/C 5003-1001 CHICAGO, IL 60606

Signatures

By: /s/ Mark R. Pacioni as Attorney-in-Fact 05/10/2006

**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) Phantom stock units are convertible into common stock on a 1-for-1 basis.
- (2) Represents intra-fund transfer in the reporting person's account under the Company's Deferred Compensation Plan.
- (3) Phantom stock units acquired by reporting person pursuant to the Company's Deferred Compensation Plan. Units are payable in stock or cash. Company match contributions are forfeited upon termination for any reason other than retirement, death, disability or layoff.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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