BOEING CO Form 4 June 20, 2005

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

January 31, Expires: 2005

Estimated average burden hours per

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

response... 0.5

Form 5 obligations may continue. See Instruction

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(b).

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading JAMIESON JAMES M Issuer Symbol **BOEING CO [BA]** (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title) __ Other (specify 100 N. RIVERSIDE PLAZA, M/C 06/16/2005 below) 5003-1001 Sr. V.P., CTO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting CHICAGO, IL 60606 Person

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative 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)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common	06/16/2005		M	2,794.6	A	\$ 0	16,022.6	D	
Common	06/16/2005		F	823.6	D	\$ 63.69	15,199	D	
Common							12,348.75	I	Career

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

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Shares

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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 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. Transactic Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exerc Expiration D (Month/Day/	ate	7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amour or Number of Sha
2003 Performance Shares	<u>(1)</u>	06/16/2005		M	2	2,794.6 (2)	(3)	02/23/2008	Common	2,794

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
JAMIESON JAMES M								

JAMIESON JAMES M 100 N. RIVERSIDE PLAZA M/C 5003-1001 CHICAGO, IL 60606

Sr. V.P., CTO

Signatures

By: /s/ Mark R. Pacioni as Attorney-in-Fact 06/20/2005

**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) Performance shares convert on 1 for 1 basis on vesting
- (2) Represents an additional 10% of 2003 Performance Shares awarded to reporting person pursuant to Company reaching the 110% vesting installment.
- 2003 Performance Shares vest in the following installments when the average daily closing price of Boeing stock reaches, for a specified (3) period, the following dollar levels: 15% at \$42.38, 30% at \$45.41, 45% at \$48.43, 60% at \$51.46, 75% at \$54.49, 90% at \$57.51, 100% at \$60.54, 110% at \$63.57, 120% at \$66.59, and 125% at \$68.11.

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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