BOEING CO Form 4 February 08, 2007

FORM 4

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

Check this box if no longer

subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

CHICAGO, IL 60606

(Last)

1. Name and Address of Reporting Person * **BELL JAMES A**

(Middle)

(First)

100 N. RIVERSIDE PLAZA, M/C 5003-1001

(Street)

2. Issuer Name and Ticker or Trading

BOEING CO [BA]

3. Date of Earliest Transaction (Month/Day/Year)

02/06/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer Symbol

(Check all applicable)

Director 10% Owner _X__ Officer (give title _ Other (specify below)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

EVP & Chief Financial Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

							1 015011		
(City)	(State) ((Zip) Table	e I - Non-D	erivative	Secur	ities Acqu	iired, 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. Transactio Code (Instr. 8)	n(A) or Di	(A) or Disposed nstr. 3, 4 and 5 (A) or camount (D) (D) (D) (D) (D) (D) (D) (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)	
Common	02/06/2007		S	1,400		Price \$ 90.73	75,704.63	D	
Common	02/06/2007		S	100	D	\$ 90.72	75,604.63	D	
Common	02/06/2007		S	900	D	\$ 90.71	74,704.63	D	
Common	02/06/2007		S	500	D	\$ 90.7	74,204.63	D	
Common	02/06/2007		S	1,200	D	\$ 90.69	73,004.63	D	
Common	02/06/2007		S	300	D		72,704.63	D	

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					\$ 90.68			
Common	02/06/2007	S	2,300	D	\$ 90.67	70,404.63	D	
Common	02/06/2007	S	200	D	\$ 90.66	70,204.63	D	
Common	02/06/2007	S	1,200	D	\$ 90.65	69,004.63	D	
Common	02/06/2007	S	900	D	\$ 90.64	68,104.63	D	
Common	02/06/2007	S	500	D	\$ 90.63	67,604.63	D	
Common	02/06/2007	S	400	D	\$ 90.62	67,204.63	D	
Common	02/06/2007	S	200	D	\$ 90.61	67,004.63	D	
Common	02/06/2007	S	700	D	\$ 90.6	66,304.63	D	
Common	02/06/2007	S	200	D	\$ 90.58	66,104.63	D	
Common						2,904.95	I	Boeing 401(k) Plan
Common						10,655.41	I	Career Shares

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.

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. orNumber of Derivativ Securities Acquired (A) or	3	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo
					Disposed of (D) (Instr. 3, 4, and 5)		T.J		Trans (Instr
				Code V	(A) (D)		Title		

Date Expiration Exercisable Date

Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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

EVP & Chief Financial Officer

Signatures

By: /s/ Mark R. Pacioni as Attorney-in-Fact 02/08/2007

**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).

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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