BOEING CO Form 4 December 06, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average

burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue.

1. Name and Address of Reporting Person *

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

2. Issuer Name and Ticker or Trading

1(b).

(Print or Type Responses)

See Instruction

MCGEE H	Symbol BOEIN	Symbol BOEING CO [BA]					(Check all applicable)						
(Last)	(First)	(Middle)		3. Date of Earliest Transaction					(Check all applicable)				
100 N. RIV 5003-1001		(Month/Day/Year) 12/04/2006					Director 10% Owner X Officer (give title Other (specify below)						
(Street) 4. If Amend Filed(Month					ndment, Date Original th/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				
CHICAGO	CHICAGO, IL 60606									Person			
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned												
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	ar) Execution	emed on Date, if /Day/Year)	3. Transa Code (Instr.)	8)	4. Securities of (A) or Disporting (Instr. 3, 4 a	osed o		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common	12/04/2006			M		1,288.28	A	\$0	7,977.08	D			
Common	12/04/2006			F		509.28	D	\$0	7,467.8	D			
Common									2,401.38	I	Boeing 401(k) Plan		
Common									2,807.06	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 SEC 1474													

(9-02)

information contained in this form are not

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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)	Code			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
			Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo Num Share
2004 Performance Shares	(1)	12/04/2006	M		1,288.28 (2)	(3)	02/23/2009	Common	1,28

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MCGEE HARRY S III 100 N. RIVERSIDE PLAZA M/C 5003-1001 CHICAGO, IL 60606

Corporate Controller

Signatures

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

**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 into common stock on a 1-for-1 basis on vesting.
- (2) Includes adjustments for dividends accrued.
- 2004 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 \$60.94, 30% at \$65.30, 45% at \$69.65, 60% at \$74.00, 75% at \$78.35, 90% at \$82.71, 100% at \$87.06, 110% at \$91.41, 120% at \$95.77, and 125% at \$97.94.

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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