BOEING CO Form 4 December 05, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

3235-0287

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

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * CARSON SCOTT E

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

BOEING CO [BA]

(Check all applicable)

(Last)

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

(Instr. 8)

Director 10% Owner Other (specify

100 N. RIVERSIDE PLAZA, M/C

5003-1001

X_ Officer (give title 12/01/2006 below)

Executive VP-Pres. & CEO, BCA

(Street)

4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

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

(Instr. 4)

Person

CHICAGO, IL 60606

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(A)

(Instr. 3, 4 and 5)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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 information contained in this form are not (9-02)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

2. Conversion or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

4. 5. Number of Derivative TransactionSecurities Acquired (A) Code or Disposed of (D)

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title a Underlyi (Instr. 3

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(Ins	(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8) (Instr. 3, 4, and 5)						
					Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
F	2002 Performance Shares	(1)	12/01/2006		M			7,996.45 (2) (3)	<u>(4)</u>	02/25/2007	Comme
(Deferred Compensation Units	<u>(5)</u>	12/01/2006		M		8,014.35 (2)		<u>(6)</u>	<u>(6)</u>	Comm
(Deferred Compensation Units	<u>(5)</u>	12/01/2006		A		2,003.59 (7)		<u>(6)</u>	<u>(6)</u>	Comm

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CARSON SCOTT E 100 N. RIVERSIDE PLAZA M/C 5003-1001 CHICAGO, IL 60606

Executive VP-Pres. & CEO, BCA

Signatures

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

12/05/2006

**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) Performance shares convert into common stock on a 1-for-1 basis on vesting.
- (2) Reflects deferral of phantom stock units by reporting person upon vesting of performance stock units. Units are calculated based upon the difference between the closing price and the fair market value on the date of the transaction.
- (3) Includes adjustments for dividends accrued.
- (4) 2002 Performance Shares vest in the following installments when the average daily closing price of Boeing stock reaches, for a specified period, the following dollar levels: 25% at \$72.38, 40% at \$75.73, 55% at \$79.20, 75% at \$82.80, 100% at \$86.53 and 125% at \$90.39.
- (5) Phantom stock units are convertible into common stock on a 1-for-1 basis.
- (6) 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.
- (7) Performance Share company match allocated to reporting person's stock account under the deferred compensation plan.

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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