SOODIK BONNIE W

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 4

March 07, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

2. Issuer Name and Ticker or Trading

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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

BOEING CO [BA]

3. Date of Earliest Transaction

Symbol

1(b).

(Last)

(Print or Type Responses)

SOODIK BONNIE W

1. Name and Address of Reporting Person *

(First)

(Middle)

100 N. RIV 5003-1001	VERSIDE PLAZA		(Month/Day/Year) 03/05/2007				Director X Officer (give pelow) Sr. V.P., In		Owner er (specify	
						6. Individual or Joint/Group Filing(Check Applicable Line)				
CHICAGO), IL 60606	T ned(.)	<u> </u>				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deemed Execution Date, if any (Month/Day/Year)	Code	4. Securities or Disposed (Instr. 3, 4 a	l of (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)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common	03/05/2007		M	2,155.03	A	\$ 0	9,171.03 (1)	D		
Common	03/05/2007		D	2,155.03 (2)	D	\$ 87.29	7,016	D		
Common							1,334.43	I	Boeing 401(k) Plan	
Common							106.95	I	By PAYSOP	
Common							10,204.86 (1)	I	Career Shares	

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

Estimated average

burden hours per

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Boeing Stock Units	(3)	03/05/2007		M		2,155.03	<u>(4)</u>	<u>(4)</u>	Common	2,155.03

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SOODIK BONNIE W 100 N. RIVERSIDE PLAZA M/C 5003-1001 CHICAGO, IL 60606

Sr. V.P., Internal Governance

Signatures

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

03/07/2007

**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).
- (1) Includes adjustments for dividends accrued.
- (2) Vested Boeing Stock Units paid out in cash.
- (3) Boeing Stock Units (BSUs) convert into common stock on a 1-for-1 basis if settled in stock. BSUs are phantom stock units allocated to the reporting person's Boeing Stock Unit account under the Incentive Compensation Plan.
- (4) BSUs vest and are payable in cash or stock three years after the award is granted.

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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