### Edgar Filing: BOEING CO - Form 4

See Instruction 1(b).		Washington F CHANGES IN SECUI	h, D.C. 205   BENEFIC RITIES he Securitie lding Comp	<b>49</b> CIAL es Exto pany	<b>OWN</b> change Act of	ERSHIP OF Act of 1934, 1935 or Section	OMB Number: Expires: Estimated a burden hour response	•	
(Print or Type Respons	ses)								
1. Name and Address SOODIK BONNI		2. Issuer Name <b>an</b> Symbol BOEING CO [E		rading	,	5. Relationship of I Issuer			
(Last) (Fi	irst) (Middle)	3. Date of Earliest Transaction				(Check all applicable)			
100 N. RIVERSIE 5003-1001	(Month/Day/Year) 04/11/2006	)4/11/2006				Director      10% Owner        XOfficer (give title      Other (specify below)         below)       below)         Sr. V.P., Internal Governance			
(St	4. If Amendment, D Filed(Month/Day/Yea	-			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting				
CHICAGO, IL 60 (City) (St	tate) (Zip)					Person			
1.Title of 2. Tran	saction Date 2A. Deem /Day/Year) Execution any (Month/D	ed 3. Date, if Transactio Code	4. Securities ord Disposed (Instr. 3, 4 a	Acqu of (D) and 5)	ired (A)	ired, Disposed of, 5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	or Beneficial 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	y Owned 7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common 04/11,	/2006	Code V M	Amount 4,579.02	or (D) A	Price \$ 0	(Instr. 3 and 4) 18,965.02	D		
Common 04/11	/2006	F	1,714.02	D	\$ 80.57	17,251	D		
Common						1,319.74	Ι	Boeing 401(k) Plan	
Common						108.17	Ι	By PAYSOP	
Common						10,053.93	Ι	Career Shares	

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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 (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. 5. Number of Derivative TransactionSecurities Acquired (A) Code or Disposed of (D) (Instr. 8) (Instr. 3, 4, and 5)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title a Underlyi (Instr. 3 a
							Date Exercisable	Expiration Date	Title
				Code V	(A)	(D)			
2004 Performance Shares	<u>(1)</u>	04/11/2006		М		4,579.02	(2)	02/23/2009	Comm
2004 Performance Shares	<u>(1)</u>	04/11/2006		М		3,052.68 (3)	(2)	02/23/2009	Comm
Deferred Compensation Units	<u>(4)</u>	04/11/2006		М	3,066.38 (3)		(5)	(5)	Comm
Deferred Compensation Units	<u>(4)</u>	04/11/2006		А	766.6 <u>(6)</u>		(5)	(5)	Comm

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
I. S.	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		04/	13/2006				

\*\*Signature of Reporting Person

# **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

2004 Performance Shares vest in the following installments when the average daily closing price of Boeing stock reaches, for a specified
(2) 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.

- (3) 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.
- (4) Phantom stock units are convertible into common stock on a 1-for-1 basis.

Phantom stock units acquired by reporting person pursuant to the Company's Deferred Compensation Plan. Units are payable in stock or (5) cash following termination for retirement, death, disability or layoff. Company match contributions are forfeited upon termination for any reason other than retirement, death, disability or layoff.

(6) Performance Share company match allocated to reporting person's performance share 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.