BOEING CO Form 4 June 04, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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 See Instruction

1(b).

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading KOELLNER LAURETTE T Issuer Symbol **BOEING CO [BA]** (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner _X__ Officer (give title _ Other (specify 100 N. RIVERSIDE PLAZA, M/C 05/31/2007 below) 5003-1001 SVP/Pres. Boeing International (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting CHICAGO, IL 60606

cinciloo	Person								
(City)	(State) (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)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of 6. Securities Ownership Beneficially Form: Direct Owned (D) or Following Indirect (I) Reported (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common	05/31/2007		M	7,817.2	A	\$ 0	28,509.01	D	
Common	05/31/2007		M	9,259.01	A	\$0	37,768.02	D	
Common	05/31/2007		F	3,299.2	D	\$0	34,468.82	D	
Common	05/31/2007		F	3,908.01	D	\$0	30,560.81	D	
Common							10.66	I	Boeing 401(k) Plan
Common							14,463.09	I	Career Shares
Common							41	I	

IRA by Husband

Common 84.28 I PAYSOP

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. Transactio Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	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)	05/31/2007		M	7,817.2 (2)	(3)	02/23/2009	Common	7,8
2005 Performance Shares	(1)	05/31/2007		M	9,259.01	<u>(4)</u>	02/28/2010	Common	9,25

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

KOELLNER LAURETTE T 100 N. RIVERSIDE PLAZA M/C 5003-1001 CHICAGO, IL 60606

SVP/Pres. Boeing International

Signatures

By: /s/ Mark R. Pacioni as Attorney-in-Fact 06/04/2007

**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).

Reporting Owners 2

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- (1) Performance shares convert into common stock on a 1-for-1 basis on vesting.
- (2) Represents an additional 10% of 2004 Performance Shares awarded to reporting person pursuant to Company reaching the 120% vesting installment.
- 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.
- 2005 Performance Shares vest in the following installments when the average daily closing price of Boeing stock reaches, for a specified (4) period, the following dollar levels: 15% at \$74.49, 30% at \$79.82, 45% at \$85.14, 60% at \$90.46, 75% at \$95.78, 90% at \$101.10, 100% at \$106.42, 110% at \$111.74, 120% at \$117.06, and 125% at \$119.72.

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.