MCDONNELL JOHN F

Form 4 May 03, 2007

FORM 4

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

OMB Number: 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

OMB APPROVAL

Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction

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

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MCDONNELL JOHN F			2. Issuer Name and Ticker or Trading Symbol BOEING CO [BA]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)				
			(Month/Day/Year)	X Director 10% Owner				
1034 SOUTH BRENTWOOD BLVD., SUITE 1860			05/02/2007	Officer (give title Other (specify below)				
(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				
ST. LOUIS, MO 631171229				Form filed by More than One Reporting Person				

(City)	(State)	(Zip) Tab	le I - Non-I	Derivative Sec	curities	Acqui	red, Disposed of	or Beneficial	ly 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 (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of 6. Securities Ownersh Beneficially Form: Owned Direct (I Following or Indire Reported (I)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common	05/02/2007		J	29,890 <u>(1)</u>	D	\$ 0	0	I	Family Trust 02
Common	05/02/2007		J	27,798 (1)	D	\$0	0	I	Family Trust 03
Common	05/02/2007		J	56,790 (1)	D	\$0	0	I	Family Trust 04
Common	05/02/2007		J	58,699 (1)	D	\$0	0	I	Family Trust 05
Common	05/02/2007		J	27,798 (1)	D	\$0	0	I	Family Trust 06

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Common	05/02/2007	J	56,790 (1)	D	\$0	0	I	Family Trust 07
Common	05/02/2007	J	58,699 (1)	D	\$0	0	I	Family Trust 08
Common	05/02/2007	J	27,798 (1)	D	\$0	0	I	Family Trust 09
Common	05/02/2007	J	56,790 (1)	D	\$0	0	I	Family Trust 10
Common	05/02/2007	J	27,798 (1)	D	\$0	0	I	Family Trust 11
Common	05/02/2007	J	55,207 (1)	D	\$0	0	I	Family Trust 12
Common	05/02/2007	J	56,790 (1)	D	\$0	0	I	Family Trust 13
Common	05/02/2007	J	27,798 (1)	D	\$0	0	I	Family Trust 14
Common	05/02/2007	J	55,207 (1)	D	\$ 0	0	I	Family Trust 15
Common	05/02/2007	J	56,790 (1)	D	\$0	0	I	Family Trust 16
Common	05/02/2007	J	1,217,863 (1)	D	\$ 0	0	I	Family Trust 23
Common						176,406 (2) (3)	D	
Common						0 (2)	I	Boeing 401(k) Plan
Common						171,485	I	Family Trust 01
Common						21,700	I	Family Trust 22
Common						230,806	I	Family Trust 26
Common						270,452	I	Family Trust 30
Common						471,700	I	Family Trust 31
Common						750,000	I	Family Trust 32
Common						640,000 (3)	I	Family Trust 33

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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)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Da	ate	Amou	int of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired]
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	m: .1	or		
						Exercisable	Date		Number		
				C 1 17	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MCDONNELL JOHN F 1034 SOUTH BRENTWOOD BLVD. SUITE 1860 ST. LOUIS, MO 631171229

X

Signatures

By: /s/ Mark R. Pacioni as Attorney-in-Fact 05/03/2007

**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) The reporting person (or his spouse) no longer serves as trustee of this trust.
- Ownership reflects distribution of the entire balance of 171,554 shares from the reporting person's account in Boeing's 401(k) plan to the reporting person.
- (3) Reflects contribution of 640,000 shares previously directly owned to a grantor retained annuity trust (Family Trust 33) of which the reporting person is sole trustee and income beneficiary.

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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