FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

wasnington,	D.C.	2054

wasnington, D.C. 20549	OMB APPROVAL			
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP	OMB Number:	3235-0		

3235-0287 OMB Number: Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* RHOADS REBECCA R						2. Issuer Name and Ticker or Trading Symbol RAYTHEON CO/ [RTN]									Check a		olicable)	ng Per	Person(s) to Issuer 10% Owner	
(Last) (First) (Middle) 870 WINTER STREET						3. Date of Earliest Transaction (Month/Day/Year) 02/20/2007									Officer (give title below) Vice Preside		dent a	Other (specify below)		
(Street) WALTHA			02451 (Zip)		- 4. If	4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Apline) X Form filed by One Reporting Person Form filed by More than One Reporting Person										on				
		Tabl	le I - No	n-Deriv	/ative	Se	curitie	es Ac	quired	, Dis	posed o	f, o	r Ben	efici	ally O	wne	ed			
			2. Transaction Date (Month/Day/Year)		r) E	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transa Code (8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4				l and 5) Sec Ber Ow		ount of ities icially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount		(A) or (D)	Price	, т	Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)
Common	Common Stock 02					/2007					28,021	(1)	A	\$	50	48,209			D	
Common	Stock			02/20	02/20/2007 F 11,748 D \$55.37 36,461 D						D									
Common	Stock															1,291 ⁽²⁾ I 401(k)				
		Та									osed of, onvertib					ned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security		3A. Deen Executio if any (Month/D	n Date,	4. Transa Code (8)		on of of or. Order Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration (Month/I	on Dai	ear)	7. Title and Amount of Securities Underlying Derivative Security (Instrand 4)		nstr. 3		rivative curity	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	F [10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	\v	(A)	(D)	Date Exercisa		Expiration Date	Title	of e Sh	ares						

Explanation of Responses:

- 1. Shares of the Issuer's Common Stock issued to the Reporting Person pursuant to the settlement of such person's award under the Issuer's 2004-2006 Long-Term Performance Plan.
- 2. The Reporting Person indirectly beneficially owns 1,291 shares of the Issuer's Common Stock based on funds in the Reporting Person's Excess Savings Plan Account divided by \$55.37, the closing price of the Issuer's Common Stock on February 20, 2007.

Remarks:

Rebecca R. Rhoads 02/22/2007

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.