STEPHENS JAY B
Form 4
January 19, 2010

FORM 4

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

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

OMB APPROVAL

OMB Number:	3235-0287
Expires:	January 31, 2005
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).

(Print or Type Responses)

1. Name and Address of Reporting Person *
STEPHENS JAY B

(Last) (First) (Middle)

870 WINTER STREET

(Street)

WALTHAM, MA 02451

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
RAYTHEON CO/ [RTN]

3. Date of Earliest Transaction (Month/Day/Year)
01/14/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Sr. VP, GC & Secretary

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	01/14/2010		M		20,000 (1)	A	$ 29.48	144,716	D	
Common Stock	01/14/2010		S		20,000 (1)	D	$ 54.0081 (2)	124,716	D	
Common Stock								86 (3)	I	401(k)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form

SEC 1474 (9-02)

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Secu (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Am or Nu of
Performance Stock Option	$ 29.48	01/14/2010		M			20,000	09/19/2007(4)	01/22/2013	Common Stock	20

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
STEPHENS JAY B 870 WINTER STREET WALTHAM, MA 02451			Sr. VP, GC & Secretary	

Signatures

Dana Ng, Attorney-in-fact	01/19/2010
**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 stock option exercises and sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on November 25, 2009.

(2) The reported price is based on a weighted average of multiple same-day transactions with prices ranging from $54.00 to $54.0251 per share. Full information regarding the number of shares sold at each separate price is available to the Securities and Exchange Commission, the Issuer or any security holder of the Issuer upon request.

(3) The Reporting Person indirectly beneficially owns 86 shares of the Issuer's Common Stock based on funds in the Reporting Person's Savings and Investment Plan Account divided by $54.39, the closing price of the Issuer's Common Stock on January 14, 2010.

(4) The options became exercisable in three equal installments. The first installment became exercisable on December 2, 2004, upon the Issuer's Common Stock sustaining (for a period of twenty (20) trading days) a market price of at least $36.85 per share; the second installment became exercisable on September 13, 2006, upon the Issuer's Common Stock sustaining a market price of at least $46.063 per share; and the third installment became exercisable on September 19, 2007, upon the Issuer's Common Stock sustaining a market price of at least $57.578 per share.

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.