FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | |
| Estimated average burden | | | | | | | | |

0.5

hours per response:

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| | | | | | | | () | | | | 1 | | | | | | | | |
|--|------------|--|---|---------|---|---|--|-------|--------------------------------------|-----------|---|-------|-------------|---|---|---|--|--|------------|
| 1. Name and Address of Reporting Person* <u>Crowley Daniel J</u> | | | | | | 2. Issuer Name and Ticker or Trading Symbol RAYTHEON CO/ [RTN] | | | | | | | | | Check all | applicabl Director | e) | Person(s) to Issuer 10% Owner | |
| (Last) (First) (Middle) 870 WINTER STREET | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 12/06/2010 | | | | | | | | | | elow) (| | | (specify | |
| (Street) WALTHAM MA 02451 (City) (State) (Zip) | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | ine) X I | ridual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| | | Tabl | e I - No | n-Deriv | ative | Se | curitie | s Acc | quired, | Dis | posed o | f, or | Bene | efici | ally O | vned | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Da | | | | | Exe ay/Year) if ar | | A. Deemed execution Date, i any Month/Day/Year) | | Transaction Disposed Code (Instr. 5) | | ties Acquired (A) d Of (D) (Instr. 3, 4 | | | nd Se Be Ov | Amount of curities eneficially wned Follo | | 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 | , Tr | ansaction(estr. 3 and | | | (111511.4) |
| Common Stock 12/06 | | | | /2010 | | | | A | | 21,186 | (1) | Α | \$ | 0 | 21,186 | | D | | |
| Common Stock 12/06 | | | | /2010 | | | | A | | 14,831(2) | | A | \$ | 0 | 36,017 | | D | | |
| | | Та | | | | | | | | | sed of, onvertib | | | | y Own | ed | | | |
| 1. Title of Derivative Security (Instr. 3) | Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date if any (Month/Day/Ye | Date, | 4. Transactic Code (Ins | | | | 6. Date E Expiratio (Month/D | | 7. Title and Amount of Securities Underlying Derivative Security (Instrand 4) | | | 8. Price Derivat Securit (Instr. 5 | y Secu Bene Own Follo Repo | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | 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 | or | nber | | | | | |

Explanation of Responses:

- 1. Shares of restricted stock that vest in one-third increments on each of the first, second and third anniversaries of the date of grant.
- 2. Shares of restricted stock that vest in one-third increments on each of the second, third and fourth anniversaries of the date of grant.

Remarks:

Dana Ng, Attorney-in-fact

** Signature of Reporting Person Date

12/08/2010

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.