FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL        |          |  |  |  |  |  |  |  |  |
|---------------------|----------|--|--|--|--|--|--|--|--|
| OMB Number:         | 3235-028 |  |  |  |  |  |  |  |  |
| Estimated average b | ourden   |  |  |  |  |  |  |  |  |

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

| 1. Name and Address of Reporting Person*  SCHUSTER JAMES E    |   |  |   |                              | 2. Issuer Name <b>and</b> Ticker or Trading Symbol RAYTHEON CO/ [RTN] |   |   |       |                                    |        |   |             |                 |                      | tionship of Reporting all applicable) Director Officer (give title below) Executive Vice |   | 10% Own   |   | wner   |  |
|---|---|--|---|------------------------------|---|---|---|-------|------------------------------------|--------|---|-------------|-----------------|----------------------|--|---|---|---|--|--|
| (Last) (First) (Middle)<br>870 WINTER STREET                  |   |  |   |                              |   | 3. Date of Earliest Transaction (Month/Day/Year) 01/26/2006 |   |       |                                    |        |   |             |                 |                      |  |   | X   | ⁄ice F  | Other (specify below)  ce President                                |  |
| (Street) WALTHA   | WALTHAM MA 02451  |  |   |                              |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |   |       |                                    |        |   |             |                 |                      | . Individine)  | Form  | ual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person |   |  |  |
|   |   | Tabl                                       | e I - Noi   | n-Deriv                      | ative   | Se  | curitie   | es Ac | quired,                            | Dis    | posed o   | f, or       | Ben             | efici                | ally C   | wne   | ed  |   |  |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date) |   |  |   |                              | Exe<br>pay/Year) if ar  |   | ZA. Deemed<br>Execution Date,<br>f any<br>Month/Day/Year) |       | Transaction<br>Code (Instr.        |        |   |             |                 | 4 and So             |  | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported   |   | vnership<br>n: Direct<br>or Indirect<br>nstr. 4)                | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)  |  |
|   |   |  |   |                              |   |   |   | Code  | v                                  | Amount | (   | A) or<br>D) | Price           | . 11                 | Transaction(s)<br>(Instr. 3 and 4)   |   |   |   | (111501.4)   |  |
| Common  | Common Stock 01/26  |  |   |                              | 5/2006  | 2006  |   | F     |                                    | 8,037  |   | D           | \$41            | .48                  | 105,407  |   |   | D   |  |  |
| Common Stock  |   |  |   |                              |   |   |   |       | T                                  |        |   |             |                 | 5,535(1)             |  |   | I   | 401(k)  |  |  |
|   |   | Та   |   |                              |   |   |   |       |                                    |        | sed of,<br>onvertib   |             |                 |                      | y Ow   | ned   |   |   |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)           | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution E<br>if any<br>(Month/Day | Date, Transacti<br>Code (Ins |   |   |   |       | 6. Date E<br>Expiratio<br>(Month/E |        | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |             | str. 3          |                      |  | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s<br>(Instr. 4) | 0<br>F<br>D<br>0<br>(I  | 0.<br>Ownership<br>Form:<br>Direct (D)<br>Indirect<br>Ownership | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|   |   |  |   |                              | Code  | v   | (A)   | (D)   | Date<br>Exercisa                   |        | Expiration<br>Date  | Title       | or<br>Nui<br>of | ount<br>nber<br>ıres |  |   |   |   |  |  |

## **Explanation of Responses:**

1. The Reporting Person indirectly beneficially owns 5,535 shares of the Issuer's Common Stock based on funds in the Reporting Person's Savings and Investment Plan/Excess Savings Plan Account divided by \$41.58, the closing price of the Issuer's Common Stock on January 26, 2006.

## Remarks:

John W. Kapples, Attorney-in-

<u>fact</u>

\*\* Signature of Reporting Person

Date

01/27/2006

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

- $^{\star}$  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.