FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL	
OMB Number:	3235-028

37 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)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) 2. Issuer Name and Ticker or Trading Symbol 1. Name and Address of Reporting Person RAYTHEON CO/ [RTN] **EVEN BRYAN J** Director 10% Owner Officer (give title Other (specify below) below) 3. Date of Earliest Transaction (Month/Day/Year) (Last) (First) (Middle) 06/23/2006 Vice President 870 WINTER STREET 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) (Street) **WALTHAM** MA 02451 Form filed by One Reporting Person Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 1. Title of Security (Instr. 3) 2. Transaction 2A. Deemed 5. Amount of 6. Ownership 7. Nature Transaction **Execution Date** Securities Form: Direct of Indirect (D) or Indirect (I) (Instr. 4) (Month/Day/Year) if any Code (Instr. Beneficially Beneficial (Month/Dav/Year) 8) Owned Following Ownership Reported (Instr. 4) (A) or (D) Transaction(s) Code Price Amount (Instr. 3 and 4) Common Stock 06/23/2006 F 645 D \$44.215 21,355 D Common Stock 2.816(1) T 401(k) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of 3. Transaction 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and 8. Price of 9. Number of 11. Nature Conversion Transaction Ownership Derivative **Execution Date Expiration Date** Amount of Derivative derivative of Indirect (Month/Day/Year) Security or Exercise Price of if any (Month/Day/Year) Code (Instr. Derivative (Month/Day/Year) Securities Security (Instr. 5) Securities Form: Direct (D) Beneficial (Instr. 3) 8) Beneficially Ownership Securities Underlying Derivative Acquired Derivative Owned or Indirect (Instr. 4) (A) or Disposed Security (Instr. 3 Following (I) (Instr. 4) Security and 4) Reported of (D) (Instr. 3, 4 Transaction(s)

Explanation of Responses:

1. The Reporting Person indirectly beneficially owns 2,816 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 \$44.28, the closing price of the Issuer's Common Stock on June 23, 2006.

Date

Remarks:

John W. Kapples, Attorney-in-

Amount Number

fact

Title

Expiration

** Signature of Reporting Person Date

(Instr. 4)

06/27/2006

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.

and 5)

(A) (D)