

FORM 4

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

OMB APPROVAL

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

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response. . .0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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1. Name and Address of Reporting Person* Shelton, Gregory (Last) (First) (Middle) 141 Spring Street (Street) Lexington, MA 02421 (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol Raytheon Company - RTN			6. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Vice President				
3. I.R.S. Identification Number of Reporting Person, if an entity (voluntary)			4. Statement for Month/Day/Year 9/5/02			7. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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. Trans-action Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Trans-action Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 & 5)			5. Amount of Securities Beneficially Owned Following Reported Transactions(s) (Instr. 3 & 4)	6. Owner-ship Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

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).

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FORM 4 (continued)

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. Con- version or Exercise Price of Derivative Security	3. Trans- action Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Trans-action Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 & 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 & 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Owner-ship Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exer- cisable	Expira- tion Date	Title	Amount or Number of Shares				
Phantom stock	2:1⁽¹⁾	9/5/02	9/5/02	I		557.1		Immediate-ly	N/A	Common Stock	285.63⁽²⁾	17.93	557.1	D	

Explanation of Responses:

- ⁽¹⁾ The phantom stock units trade at approximately a 2:1 ratio to the price of Raytheon Common Stock.
- ⁽²⁾ Based on funds in the reporting person's account divided by \$35.00, the closing price of Raytheon Common Stock on the transaction date.

By: /s/ **Gregory Shelton**
Gregory Shelton
**Signature of Reporting Person

10/14/02
Date

**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.

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