

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

**FORM 10-Q/A
(Amendment No. 1)**

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 27, 2010

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission File Number 1-13699

RAYTHEON COMPANY

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

95-1778500
(I.R.S. Employer
Identification No.)

870 Winter Street, Waltham, Massachusetts 02451
(Address of principal executive offices) (Zip Code)

(781) 522-3000
(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/> (Do not check if a smaller reporting company)	Smaller reporting company	<input type="checkbox"/>

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

Number of shares of common stock outstanding as of July 14, 2010 was 374,112,000

EXPLANATORY NOTE

The purpose of this amendment on Form 10-Q/A to Raytheon Company's quarterly report on Form 10-Q for the period ended June 27, 2010, filed with the Securities and Exchange Commission on July 28, 2010 ("the Form 10-Q"), is solely to furnish Exhibit 101 to the Form 10-Q, as required by Rule 405 of Regulation S-T.

No other changes have been made to the Form 10-Q. This Form 10-Q/A speaks as of the original filing date of the Form 10-Q, does not reflect events that may have occurred subsequent to the original filing date, and does not modify or update in any way disclosures made in the Form 10-Q.

Pursuant to Rule 406T of Regulation S-T, the interactive data files on Exhibit 101 hereto are deemed not filed or part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, as amended, are deemed not filed for purposes of Section 18 of the Securities and Exchange Act of 1934, as amended, and otherwise are not subject to liability under those sections.

ITEM 6. EXHIBITS

- 3.1 Certificate of Amendment of Restated Certificate of Incorporation of Raytheon Company, as amended.*
- 3.2 Raytheon Company By-Laws, as amended as of May 27, 2010, filed as an exhibit to the Company's Current Report on Form 8-K filed June 2, 2010.*
- 10.1 Raytheon 2010 Stock Plan, filed as Appendix B to the Company's definitive proxy statement filed on April 26, 2010.*
- 15 PricewaterhouseCoopers LLP Awareness Letter.*
- 31.1 Certification of William H. Swanson pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.*
- 31.2 Certification of David C. Wajsgras pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.*
- 32.1 Certification of William H. Swanson pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.*
- 32.2 Certification of David C. Wajsgras pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.*
- 101 The following materials from Raytheon Company's Quarterly Report on Form 10-Q for the quarter ended June 27, 2010, formatted in XBRL (Extensible Business Reporting Language): (i) Consolidated Balance Sheets, (ii) Consolidated Statements of Operations, (iii) Consolidated Statements of Cash Flows, and (iv) Notes to Consolidated Financial Statements.

* Previously included or incorporated by reference in Raytheon Company's Quarterly Report on Form 10-Q for the fiscal quarter ended June 27, 2010.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

RAYTHEON COMPANY

By: _____ /s/ MICHAEL J. WOOD
Michael J. Wood
Vice President and Chief Accounting Officer Principal Accounting
Officer

August 19, 2010