

SECURITIES AND EXCHANGE COMMISSION
 WASHINGTON, DC 20549

 FORM S-3

REGISTRATION STATEMENT UNDER
 THE SECURITIES ACT OF 1933

 RAYTHEON COMPANY
 (Exact name of registrant as specified in its charter)

95-1778500
 (I.R.S. Employer Identification Number)

 141 SPRING STREET
 LEXINGTON, MASSACHUSETTS 02421
 (781) 862-6600

(Address, including zip code and telephone number, including area code, of
 registrant's principal executive offices)

THOMAS D. HYDE, ESQ.
 SENIOR VICE PRESIDENT, GENERAL COUNSEL
 AND SECRETARY
 Raytheon Company
 141 Spring Street
 Lexington, Massachusetts, 02421
 (781) 862-6600

(Address, including zip code and telephone number, including area code of
 agent for service of process)

Copy to:
 MICHAEL P. O'BRIEN, ESQ.
 JOHAN V. BRIGHAM, ESQ.
 Bingham Dana LLP
 150 Federal Street
 Boston, MA 02110
 (617) 951-8000

APPROXIMATE DATE OF COMMENCEMENT OF PROPOSED SALE OF THE SECURITIES TO THE
 PUBLIC: From time to time, after the effective date of this Registration
 Statement.

If the only securities being registered on this form are being offered pursuant
 to dividend or interest reinvestment plans, please check the following box. []

If any of the securities being registered on this form are to be offered on a
 delayed or continuous basis pursuant to Rule 415 under the Securities Act of
 1933, other than securities offered only in connection with dividend or
 interest reinvestment plans, check the following box. []

If this form is filed to register additional securities for an offering
 pursuant to Rule 462(b) under the Securities Act, please check the following
 box and list the Securities Act registration statement number of the earlier
 effective registration statement for the same offering. [] _____

If this form is a post-effective amendment filed pursuant to Rule 462(c) under
 the Securities Act, check the following box and list the Securities Act
 registration statement number of the earlier effective registration statement
 for the same offering. [] _____

If delivery of the prospectus is expected to be made pursuant to Rule 434,
 please check the following box. []

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered	Proposed Maximum Offering Price Per Unit (1)	Proposed Maximum Aggregate Offering Price (1) (2)	Amount of Registration Fee
Debt Securities(4) (7)	(3)	(3)	(3)	(3)
Preferred Stock, \$0.01 par value per share(5) (7)	(3)	(3)	(3)	(3)
Class B Common Stock, \$0.01 par value per share(6) (7)	(3)	(3)	(3)	(3)
Warrants(8)	(3)	(3)	(3)	(3)
Total:	\$3,000,000,000 (9)	100%	\$3,000,000,000 (9)	\$834,000

- (1) The proposed maximum per unit and aggregate offering prices per class of security will be determined from time to time by the Registrant in connection with the issuance by the Registrant of the securities registered hereunder.
- (2) Estimated solely for purposes of determining the registration fee pursuant to Rule 457(o) under the Securities Act.
- (3) Not required to be included in accordance with General Instruction II.D. of Form S-3 under the Securities Act.
- (4) Subject to note (9) below, there is being registered hereunder an indeterminate principal amount of Debt Securities as may be sold, from time to time, by the Registrant. If any Debt Securities are issued at an original issue discount, then the offering price shall be in such greater principal amount as shall result in an aggregate initial offering price not to exceed \$3.0 billion less the dollar amount of any securities previously issued hereunder.
- (5) Subject to note (9) below, there is being registered hereunder an indeterminate number of shares of Preferred Stock of the Company as may be sold from time to time.
- (6) Subject to note (9) below, there is being registered hereunder an indeterminate number of shares of Class B Common Stock of the Company as may be sold from time to time.
- (7) Subject to note (9) below, there is being registered hereunder an indeterminate principal amount of Debt Securities, and an indeterminate number of shares of Preferred Stock and Class B Common Stock of the Company, as shall be issuable upon conversion or redemption of Debt Securities, Preferred Stock or Class B Common Stock of the Company, as the case may be, or upon the exercise of Warrants of the Company registered hereunder.
- (8) Subject to note (9) below, there is being registered hereunder an indeterminate amount and number of Warrants of the Company, representing rights to purchase certain of the Debt Securities, Preferred Stock or Class B Common Stock of the Company registered hereunder.
- (9) In no event will the aggregate initial offering price of all securities issued from time to time pursuant to this Registration Statement exceed \$3.0 billion or the equivalent thereof in one or more foreign currencies, foreign currency units, or composite currencies. The aggregate amount of Class B Common Stock registered hereunder is further limited to that which is permissible under Rule 415(a)(4) under the Securities Act. The securities registered hereunder may be sold separately or as units with other securities registered hereunder.

THE REGISTRANT HEREBY AMENDS THIS REGISTRATION STATEMENT ON SUCH DATE OR DATES AS MAY BE NECESSARY TO DELAY ITS EFFECTIVE DATE UNTIL THE REGISTRANT SHALL FILE A FURTHER AMENDMENT WHICH SPECIFICALLY STATES THAT THIS REGISTRATION STATEMENT SHALL THEREAFTER BECOME EFFECTIVE IN ACCORDANCE WITH SECTION 8(A) OF THE SECURITIES ACT OF 1933, OR UNTIL THE REGISTRATION STATEMENT SHALL BECOME EFFECTIVE ON SUCH DATE AS THE COMMISSION, ACTING PURSUANT TO SAID SECTION 8(A), MAY DETERMINE.

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion, Dated July 9, 1999

Prospectus

RAYTHEON COMPANY

DEBT SECURITIES
PREFERRED STOCK
CLASS B COMMON STOCK
WARRANTS

RAYTHEON COMPANY:

We provide products and services in the areas of defense and commercial electronics, business and special mission aircraft, and engineering and construction.

Raytheon Company
141 Spring Street
Lexington, Massachusetts 02421

THE OFFER:

By this prospectus, we may offer, from time to time, the following securities:

- o our unsecured senior debt securities
- o our unsecured subordinated debt securities
- o warrants to purchase our debt securities
- o shares of our preferred stock
- o warrants to purchase shares of our preferred stock
- o shares of our Class B common stock
- o warrants to purchase shares of our Class B common stock
- o units consisting of some or all of these securities

We may offer the offered securities in different series from time to time in amounts, at prices and on terms determined at the time of the offering. We will provide you with specific terms of the applicable offered securities in supplements to this prospectus. The aggregate initial offering price of the securities that we may issue under this prospectus will not exceed \$3.0 billion.

Our Class B common stock is listed for trading on the New York Stock Exchange, the Chicago Stock Exchange and the Pacific Exchange under the symbol RTNb. On July 7, 1999, the last reported sale price of our Class B common stock on the New York Stock Exchange was \$74.94.

You should read this prospectus and any prospectus supplement carefully before you decide to invest. This prospectus may not be used to make sales of the offered securities unless it is accompanied by a prospectus supplement describing the method and terms of the offering of those offered securities. We may sell the securities, or we may distribute them through underwriters or dealers. In addition, the underwriters may over allot a portion of the securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

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Our principal executive offices are located at 141 Spring Street, Lexington, Massachusetts 02421. Our telephone number is (781) 862-6600.

You should rely only on the information contained in this prospectus. We have not authorized anyone to provide you with information different from that contained in this prospectus or incorporated by reference in this prospectus. We are not making offers to sell the securities in any jurisdiction in which such an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make such offer or solicitation.

The information in this prospectus is accurate as of the date on the front cover. You should not assume that the information contained in this prospectus is accurate as of any other date.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (the "SEC") using a "shelf" registration process. Under this shelf process, we may sell any combination of the securities described in this prospectus in one or more offerings up to a total dollar amount of \$3.0 billion or the equivalent denominated in foreign currencies. This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. This prospectus does not contain all of the information included in the registration statement. For a more complete understanding of the offering of the securities, you should refer to the registration statement, including its exhibits. The prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information under the heading "Available Information."

AVAILABLE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the SEC. You may read and copy the Registration Statement and any other document we file at the SEC's Public Reference Section, 450 Fifth Street, N.W., Room 1024, Washington, D.C. 20549, at the worldwide web site (<http://www.sec.gov>) maintained by the SEC and at the SEC's Regional Offices located at Seven World Trade Center, 13th Floor, New York, New York 10048 and Citicorp Center, 500 West Madison Street, Suite 1400, Chicago, Illinois 60661. Information regarding the operation of the Public Reference Section can be obtained by calling 1-800-SEC-0330. Our Class B common stock, \$0.01 par value per share, and Class A common stock, \$0.01 par value per share, are listed on the New York Stock Exchange, the Chicago Stock Exchange and the Pacific Exchange, where reports, proxy statements and other information concerning Raytheon Company can also be inspected. The offices of the NYSE are located at 20 Broad Street, New York, New York 10005.

The SEC allows us to "incorporate by reference" the information we file with them, which means that we can disclose important information to you by referring you to those documents. These incorporated documents contain important business and financial information about us that is not included in or delivered with this prospectus. The information incorporated by reference is considered to be part of this prospectus, and later information filed with the SEC will update and supersede this information.

We incorporate by reference into this prospectus:

- o our Annual Report on Form 10-K for the fiscal year ended December 31, 1998, as amended by Form 10-K/A filed with the SEC on July 1, 1999;
- o our Quarterly Report on Form 10-Q for the fiscal quarter ended April 4, 1999;
- o our registration statement on Form 8-A dated December 11, 1997 and Form 8A/A dated December 17, 1997; and
- o any future filings made by us with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 until we sell all of the securities.

Any statement contained in this prospectus or in any documents that are incorporated or deemed to be incorporated by reference into this prospectus in whole or in part shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus or in any other subsequently filed document or portion thereof which also is or is deemed to be incorporated by reference into this prospectus modifies or supersedes it. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

We will provide without charge to each person, including any beneficial owner, to whom a prospectus is delivered, on written or oral request of that person, a copy of any or all of the documents we are incorporating by reference into this prospectus (other than exhibits to those documents unless such exhibits are specifically incorporated by reference into those documents). Such written requests should be addressed to:

Secretary, Raytheon Company
141 Spring Street
Lexington, Massachusetts 02421

You may direct telephone requests to the Secretary of Raytheon Company at (781) 862-6600.

DISCLOSURE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the information we are incorporating by reference into it contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical facts included in this prospectus and the information incorporated by reference into this prospectus that we expect or anticipate will or may occur in the future, including, without limitation, certain statements included in this prospectus under "Raytheon Company" and located elsewhere in this prospectus regarding our financial position, business strategy and measures to implement that strategy, including changes to operations, competitive strengths, goals, expansion and growth of our business and operations, plans, references to future success and other such matters are forward-looking statements. These statements are based on certain assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions and expected future developments as well as other factors we believe are appropriate in the circumstances. However, whether actual results and developments will conform with our expectations and predictions is subject to a number of risks and uncertainties, including without limitation:

- o the significant considerations discussed in this prospectus and the information incorporated by reference into this prospectus;
- o competition from others;
- o our ability to successfully complete the consolidation and reorganization of Raytheon Systems Company in a manner that avoids business disruptions and achieves anticipated cost and revenue synergies;
- o our ability to successfully implement our consolidation and cost reduction plans for Raytheon Engineers & Constructors;
- o the magnitude and timing of new business awards;
- o declines in the procurement portion of the U.S. defense budget;
- o our ability to detect and then achieve successful and timely resolution of all Year 2000 problems;
- o changes in general economic and business conditions;
- o other factors which might be described from time to time in our filings with the Securities and Exchange Commission; and
- o other factors which are beyond our control and the control of our subsidiaries, including, without limitation, the preparedness of our critical suppliers to avoid Year 2000 related service and delivery interruptions.

Consequently, all of the forward-looking statements we make in this prospectus and the information we are incorporating by reference into this prospectus are qualified by these cautionary statements, and there can be no assurance that the actual results or developments anticipated by us will be realized or, even if substantially realized, that they will have the expected consequences to or effects on us and our subsidiaries or our businesses or operations. Additionally, important factors that could cause actual results to differ materially from our expectations are disclosed in the documents we are incorporating by reference, including statements under "Item 1-Business" of our Annual Report on Form 10-K, as amended, for the year ended December 31, 1998. All subsequent forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by any of those factors described above and in the documents containing such forward-looking statements. We expressly disclaim any obligation or undertaking to release publicly any updates or revisions to any forward-looking statement.

RAYTHEON COMPANY

Raytheon Company is a global technology leader, with worldwide 1998 sales of more than \$19.5 billion. We provide products and services in the areas of defense and commercial electronics, business and special mission aircraft, and engineering and construction. We have operations throughout the United States and serve customers in more than 80 countries around the world.

ELECTRONICS

DEFENSE ELECTRONICS. Raytheon Systems Company ("RSC") represents the combination and consolidation of four legacy defense organizations - Raytheon Electronic Systems, Raytheon E-Systems, Raytheon TI Systems and the defense electronics business of Hughes Electronics Corporation ("Hughes Defense").

RSC is engaged in the design, manufacture and service of advanced electronic devices, equipment and systems for both government and commercial customers. In addition to defense electronic systems, RSC has been successful in the conversion of certain defense electronic technologies to commercial applications such as air traffic control, environmental monitoring and communications. RSC currently consists of the following five business units:

DEFENSE SYSTEMS--anti-ballistic missile systems; air defense; air-to-air, surface-to-air, and air-to-surface missiles; naval and maritime systems; ship self-defense systems; torpedoes; strike, interdiction and cruise missiles; and advanced munitions.

SENSORS AND ELECTRONIC SYSTEMS--radar; electronic warfare; infrared; laser; and GPS technologies. Programs are focused on land, naval, airborne and spaceborne systems used for surveillance, reconnaissance, targeting, navigation, commercial and scientific applications.

COMMAND, CONTROL, COMMUNICATION AND INFORMATION SYSTEMS--command, control and communications systems; air traffic control systems; tactical radios; satellite communication ground control terminals; wide area surveillance systems; advanced transportation systems; simulators and simulation systems; ground-based information processing systems; large scale information retrieval, processing and distribution systems; and global broadcast systems.

AIRCRAFT INTEGRATION SYSTEMS--integration of airborne surveillance and intelligence systems; aircraft modifications; and head-of-state aircraft systems.

TRAINING AND SERVICES--training services and integrated training programs; technical services; and logistics and support.

COMMERCIAL ELECTRONICS. Our commercial electronics businesses produce, among other things, marine radars and other marine electronics, transmit/receive modules for satellite communications projects and other electronic components for a wide range of applications.

AIRCRAFT

Raytheon Aircraft offers one of the broadest product lines in the general aviation market. Raytheon Aircraft manufactures, markets and supports piston-powered aircraft, jet props and light and medium jets for the world's commercial, regional airline and military aircraft markets. Raytheon Aircraft is the prime contractor for the U.S. Air Force/U.S. Navy Joint Primary Aircraft Training System (JPATS). In addition, in 1997 Raytheon Aircraft launched its own fractional or shared aircraft ownership business called Raytheon Travel Air. This program currently has over 200 customers.

ENGINEERING AND CONSTRUCTION

Raytheon Engineers & Constructors ("RE&C") is one of the largest engineering and construction firms in the United States, serving markets throughout the world. RE&C is engaged in the design, construction and maintenance of facilities and plants operated by a range of customers, including independent power producers, utilities, petroleum companies, pulp and paper companies, industrial concerns and governments.

RATIO OF EARNINGS TO COMBINED FIXED CHARGES AND PREFERRED STOCK DIVIDENDS

The following table sets forth Raytheon Company's consolidated ratio of earnings to combined fixed charges and preferred stock dividends for the end of the fiscal quarters ended March 31, 1998 and March 31, 1999 and for the end of the fiscal years 1998, 1997, 1996, 1995 and 1994:

FISCAL YEAR ENDED DECEMBER 31,				
1998	1997	1996	1995	1994
----	----	----	----	----
2.7x	2.7x	4.6x	6.0x	12.0x
FISCAL QUARTER ENDED MARCH 31,				
1999	1998			
----	----			
2.7x	3.0x			

For purposes of computing the ratio of earnings to combined fixed charges and preferred stock dividends:

- o earnings consist of net earnings, taxes on income and fixed charges (less capitalized interest); and
- o fixed charges consist of interest expense, amortization of debt discount and issuance expense, the portion of rents representative of an interest factor and capitalized interest.

USE OF PROCEEDS

Unless the applicable prospectus supplement states otherwise, we will use the net proceeds from the sale of the securities for working capital, capital expenditures, acquisitions and other general corporate purposes. Until we use the net proceeds in that manner, we may temporarily use them to make short-term investments or reduce short-term borrowings.

DESCRIPTION OF OUR SECURITIES

We may offer under this prospectus one or more of the following categories of our securities:

- o unsecured senior debt securities
- o unsecured subordinated debt securities
- o warrants to purchase senior or subordinated debt securities
- o shares of preferred stock, in one or more series
- o warrants to purchase shares of preferred stock
- o shares of Class B common stock
- o warrants to purchase shares of Class B common stock

The terms of any specific offering of our securities, including the terms of any units of a combination of our securities, will be described in a prospectus supplement relating to that offering.

DESCRIPTION OF OUR DEBT SECURITIES

This section describes the general terms and provisions of the debt securities that we may offer. The applicable prospectus supplement will describe the specific terms of the debt securities offered through that prospectus supplement as well as any general terms described in this section that will not apply to those debt securities.

Our unsecured senior debt securities will be issued under an Indenture, dated as of July 3, 1995, between Raytheon Company and The Bank of New York, as trustee, or another indenture or indentures to be entered into by Raytheon Company and that trustee or another trustee. The unsecured subordinated debt securities will be issued under a second Indenture, dated as of July 3, 1995, also between Raytheon Company and The Bank of New York, as trustee or another indenture to be entered into by Raytheon Company and that trustee or another trustee.

Copies of each of the July 3, 1995 indentures have been filed with the SEC as exhibits to the registration statement of which this prospectus is a part, and are incorporated by reference into this prospectus. If we elect to issue securities under another indenture, we will file a copy of that indenture with the SEC. THE SUMMARY IN THIS PROSPECTUS OF OUR DEBT SECURITIES AND CERTAIN INDENTURE PROVISIONS IS NOT COMPLETE AND YOU SHOULD REFER TO THE APPLICABLE INDENTURE FOR MORE SPECIFIC INFORMATION. In addition, you should consult the applicable prospectus supplement for particular terms of our debt securities.

Our existing indentures do not limit the amount of debt securities that we may issue, and permit us to issue securities from time to time in one or more series. The debt securities will be unsecured obligations of Raytheon Company.

Generally, we will pay the principal of, premium (if any) and interest on our debt securities either at an office or agency that we maintain for that purpose or, if we elect, we may pay interest by mailing a check to your address as it appears on our register. We will issue our debt securities only in fully registered form without coupons, generally in denominations of \$1,000 or integral multiples of \$1,000. We will not apply a service charge for a transfer or exchange of our debt securities, but we may require that you pay the amount of any applicable tax or other governmental charge.

The applicable prospectus supplement will describe the following terms of any series of debt securities that we may offer:

- o the title of the debt securities;
- o whether they are senior debt securities or subordinated debt securities;
- o any limit on the aggregate principal amount of the debt securities offered through that prospectus supplement;
- o the identity of the person to whom we will pay interest if it is anybody other than the noteholder;
- o when the principal of the debt securities will mature;
- o the interest rate, which may be fixed or variable, or its method of calculation;
- o when interest will be payable, as well as the record date for determining who we will pay interest to;
- o where the principal of, premium (if any) and interest on the debt securities will be paid;
- o any mandatory or optional sinking funds or similar arrangements;

- o when the debt securities may be redeemed if they are redeemable, as well as the redemption prices, and a description of the terms of redemption;
- o whether we have any obligation to redeem or repurchase the debt securities at your option;
- o the denominations of the debt securities, if other than \$1,000 or an integral multiple of \$1,000;
- o the amount that we will pay you if the maturity of the debt securities is accelerated if other than their principal amount;
- o the currency in which we will make payments to you and, if a foreign currency, the manner of conversion from United States dollars;
- o any index we may use to determine the amount of payment of principal of, premium (if any) and interest on the debt securities;
- o if the debt securities will be issued only in the form of a global note, the name of the depository or its nominee and the circumstances under which the global note may be transferred or exchanged to someone other than the depository or its nominee;
- o the applicability of the defeasance and covenant defeasance provisions in the applicable indenture;
- o whether the debt securities are convertible into any other securities and the terms and conditions of convertibility;
- o any additions or changes to events of default and, in the case of subordinated debt securities, any additional events of default that would result in acceleration of their maturity; and
- o any other terms of the debt securities.

We may issue our debt securities at an original issue discount (bearing no interest or bearing interest at a rate that, at the time of issuance, is below market rate) to be sold at a substantial discount below their stated principal amount. Generally speaking, if our debt securities are issued at an original issue discount and there is an event of default or acceleration of their maturity, holders will receive an amount less than their principal amount. Tax and other special considerations applicable to original issue discount debt will be described in the prospectus supplement in which we offer those debt securities.

SUBORDINATION OF SUBORDINATED DEBT SECURITIES

Generally, the payment of principal of, premium (if any) and interest on our unsecured subordinated debt securities will be subordinated in right of payment to the prior payment in full of our senior indebtedness. If we distribute our assets to creditors upon liquidation, dissolution, reorganization, insolvency, bankruptcy or under similar circumstances, holders of our senior debt will be entitled to be paid in full before any payments will be made on our subordinated debt securities. In addition, if the maturity of our subordinated debt securities is accelerated, holders of our senior debt will be entitled to be paid in full before any payments will be made on our subordinated debt securities. Moreover, while there is an event of default with respect to our senior debt that would permit our senior debt to be accelerated, and while we are in default in our payment obligations to holders of senior debt, we cannot make payments to our subordinated debt holders.

If we were to become insolvent, you may not be paid with respect to our subordinated securities until our senior debt and third party creditors are paid in full.

The indenture for our unsecured subordinated debt securities will not place any limits on the amount of other indebtedness, including senior debt, that we may issue.

The indenture for our unsecured subordinated debt securities defines "senior indebtedness" to include the principal of, premium, if any, and interest on:

- (1) all of our indebtedness for money borrowed, other than our subordinated debt securities, and any other indebtedness represented by a note, bond, debenture or other similar evidence of indebtedness (including indebtedness of others that we guarantee), in each case whether outstanding on the date of execution of the subordinated securities indenture or thereafter created, incurred or assumed; and
- (2) any amendments, renewals, extensions, modifications and refundings of any such indebtedness, unless in any case in the instrument creating or evidencing any such indebtedness or pursuant to which it is outstanding it is provided that such indebtedness is not superior in right of payment to our subordinated debt securities.

In addition, for purposes of the definition of "senior indebtedness", "indebtedness for money borrowed" includes:

- (1) any obligation of, or any obligation guaranteed by, Raytheon Company for the repayment of borrowed money, whether or not evidenced by bonds, debentures, notes or other written instruments,
- (2) any deferred payment obligation of, or any such obligation guaranteed by, Raytheon Company for the payment of the purchase price of property or assets evidenced by a note or similar instrument, and
- (3) any obligation of, or any such obligation guaranteed by, Raytheon Company for the payment of rent or other amounts under a lease of property or assets if such obligation is required to be classified and accounted for as a capitalized lease on our balance sheet under generally accepted accounting principles.

EVENTS OF DEFAULT

Generally speaking, any of the following events will constitute an event of default under the indentures:

- o failure to pay interest on our debt securities for thirty days past the applicable due date, even if we are prohibited from paying interest on our debt securities because they are subordinated;
- o failure to pay principal of, or premium (if any) on our debt securities when due, even if we are prohibited from making such payments on our debt securities because they are subordinated;
- o failure to make any sinking fund payment when due, even if we are prohibited from making such payments with respect to subordinated securities;
- o failure to perform any other covenant or agreement in the applicable indenture, other than a covenant included in the indenture solely for the benefit of a different type of our debt securities, which continues for 60 days after written notice as provided in the indenture;
- o bankruptcy, insolvency or reorganization; and
- o any other event of default provided with respect to debt securities of that series.

You will be notified of an event of default with respect to a series of our debt securities by the trustee.

If there is an event of default with respect to a series of our senior debt securities, which continues for the requisite amount of time, either the trustee or holders of at least 25% of the aggregate principal amount of that series may declare the principal amount of all of the senior debt securities of that series to be due and payable immediately. If the securities were issued at an original issue discount, less than the stated principal amount may become payable.

Payment of the principal of our subordinated debt securities may be accelerated only in the case of our bankruptcy, insolvency or reorganization. Neither you nor the trustee will be able to accelerate the payment of interest or principal with respect to our subordinated debt securities for any other reason.

In some cases, after a declaration of acceleration has been made, but before a judgment or decree has been obtained, holders of a majority in aggregate principal amount of the series that is in default may rescind the acceleration.

The trustee will be required to act with a certain standard of care. However, the trustee will not be obligated to exercise any of its rights or powers under the indentures at your request unless you provide the trustee reasonable security or indemnity. Generally, but with exceptions, holders of a majority in aggregate principal amount of any series of our outstanding debt securities will have the right to choose the time, method and place of any proceeding for any remedy available to the trustee or any exercise of power by the trustee with respect to debt securities of that series.

You may institute a suit against us for enforcement of your rights to receive payment of the principal of, premium (if any) on or interest on our debt securities after the due dates. However, you will not be able to institute any other proceedings under the applicable indenture, including for any remedy, unless the following conditions are satisfied:

- (1) You give the trustee written notice of a continuing event of default with respect to a series of our debt securities that you hold;
- (2) holders of at least 25% of the aggregate principal amount of that series make a request, in writing, and offer reasonable indemnity, to the trustee for the trustee to institute the requested proceeding;
- (3) the trustee does not receive direction contrary to your request within 60 days following your written notice from holders of a majority in aggregate principal amount of that series; and
- (4) the trustee does not institute the proceeding you request within 60 days following your written notice.

Every year we are required to deliver to the trustee a statement as to performance of our obligations under the indentures and as to any defaults.

A default in the payment of any of our debt securities, where the aggregate principal amount of that series of debt securities exceeds \$50 million, or a default with respect to our debt securities that causes them to be accelerated, will give rise to a cross-default under our senior credit facilities. In certain circumstances, payment defaults on our debt securities may also give rise to cross-defaults of our guarantees of the indebtedness of our subsidiaries.

DEFEASANCE AND COVENANT DEFEASANCE

Any series of our debt securities may be subject to the defeasance and discharge provisions of the applicable indenture. If those provisions are applicable, we may elect either:

- o to defease and be discharged from, subject to certain limitations, all of our obligations with respect to those debt securities ("defeasance"); or
- o to be released from our obligations to comply with certain covenants relating to those debt securities as described in the applicable prospectus supplement, which may include obligations concerning subordination of our subordinated debt securities ("covenant defeasance").

To invoke defeasance or covenant defeasance with respect to any series of our debt securities, we must irrevocably deposit with the trustee, in trust, an amount in funds or U.S. government obligations which, through the payment of principal and interest in accordance with their terms, will provide money in an amount sufficient to pay, when due, the principal of, premium (if any) on and interest on those debt securities and any mandatory sinking fund or similar payments on those debt securities.

We cannot defease our obligations to register the transfer or exchange of our debt securities, to replace our debt securities that have been stolen, lost

or mutilated, to maintain paying agencies, or to hold funds for payment in trust. We may not defease our obligations if there is a continuing event of default on securities issued under the applicable indenture, or if depositing amounts into trust would cause the trustee to have conflicting interests with respect to other of our securities. In addition, we would be required to deliver a legal opinion to the trustee to the effect that you will not recognize additional income, gain or loss for federal income tax purposes as a result of the defeasance or covenant defeasance.

If we effect covenant defeasance with respect to any of our debt securities and then those debt securities are declared due and payable because of an event of default (other than an event of default relating to any covenant from which we have been released through covenant defeasance) the amount of money or U.S. government obligations on deposit with the trustee may not be sufficient to pay all amounts due on the debt securities at the time of acceleration. However, we would remain liable with respect to any shortfall.

MODIFICATION AND WAIVER

Modifications and amendments of our current indentures may be made only with the consent of holders of at least a majority in aggregate principal amount of all of our outstanding debt securities affected, voting as a single class. Generally, the consent of all of the holders of our debt securities that are affected is required for any of the following:

- o to change the stated maturity of the principal, or any installment of interest or premium (if any);
- o to reduce the principal amount, the premium (if any) or the interest (or the amount payable upon acceleration or maturity in the case of debt securities issued at an original issue discount);
- o to change the place of payment, or the currency in which payments are made;
- o to impair your right to institute suit to enforce any payment at or following stated maturity or following a redemption date;
- o to modify the subordination provisions of our subordinated debt securities in a manner adverse to holders; or
- o to reduce the percentage of the principal amount of our outstanding debt securities required for modification to or amendment of the either indenture, or for waiver of our compliance with indenture provisions or defaults.

Holders of a majority in aggregate principal amount of either our senior debt securities or our subordinated debt securities may waive any past default under the applicable indenture, except for a default in the payment of principal, premium (if any) on, or interest on our debt securities and except for our compliance with certain specified covenants.

COVENANTS

Our current indentures contain certain covenants regarding, among other things:

- o a limitation on liens other than specified types of liens;
- o a limitation on sale and leaseback transactions, unless the lien on any property subject to the sale and leaseback transaction is permitted under the indentures or the proceeds of the sale and leaseback transaction are used to retire specified types of debt; and
- o restrictions on our ability to engage in consolidations, mergers or transfers of substantially all of our assets unless the surviving or acquiring corporation assumes the outstanding debt of Raytheon Company issued under such indentures.

You should be aware that we are not prohibited from engaging in highly leveraged transactions, other than as may conflict with those covenants. Moreover, any series of our debt securities may provide that these covenants may be removed with respect to that series.

CONSOLIDATION, MERGER AND SALE OF ASSETS

Our current indentures prohibit us from consolidating with or merging into another business, or transferring or leasing substantially all of our assets, unless the business is a domestic company and it expressly assumes our obligations with respect to our debt securities by executing a supplemental indenture.

CONVERSION OR EXCHANGE RIGHTS

If any series of debt securities are convertible or exchangeable, the applicable prospectus supplement will specify:

- o the type of securities into which it may be converted or exchanged;
- o the conversion price or exchange ratio (or its method of calculation);
- o whether conversion or exchange is mandatory or at your election; and
- o how the conversion price or exchange ratio may be adjusted if our debt securities are redeemed.

GLOBAL SECURITIES

Our debt securities may be issued in the form of one or more global securities that will be deposited with a depository or its nominee identified in the applicable prospectus supplement. If so, each global security will be issued in the denomination of the aggregate principal amount of securities that it represents. Unless and until it is exchanged in whole or in part for debt securities that are in definitive registered form, a global security may not be transferred or exchanged except as a whole by the depository to its nominee. The applicable prospectus supplement will describe this concept more fully.

The specific material terms of the depository arrangement with respect to any portion of a series of our debt securities that will be represented by a global security will be described in the applicable prospectus supplement. We anticipate that the following provisions will apply to all depository arrangements.

Upon the issuance of any global security, and its deposit with or on behalf of the depository, the depository will credit, on its book-entry registration and transfer system, the principal amounts of our debt securities represented by the global security to the accounts of participating institutions that have accounts with the depository or its nominee. The underwriters or agents engaging in the distribution of our debt securities, or Raytheon Company if we are offering and selling our debt securities directly, will designate the accounts to be credited. Ownership of beneficial interests in a global security will be limited to participating institutions or their clients. The depository or its nominee will keep records of the ownership and transfer of beneficial interests in a global security by participating institutions. Participating institutions will keep records of the ownership and transfer of beneficial interests by their clients. The laws of certain jurisdictions may require that purchasers of our securities receive physical certificates, which may impair your ability to transfer your beneficial interests in global securities.

While the depository or its nominee is the registered owner of a global security, the depository or its nominee will be considered the sole owner of all of our debt securities represented by the global security for all purposes under the indentures. Generally, if you own beneficial interests in a global security, you will not be entitled to have our debt securities registered in your own name, and you will not be entitled to receive a certificate representing your ownership. ACCORDINGLY, IF YOU OWN A BENEFICIAL INTEREST IN A GLOBAL SECURITY, YOU MUST RELY ON THE DEPOSITARY (AND IF APPLICABLE, THE PARTICIPATING INSTITUTION OF WHICH YOU ARE A CLIENT) TO EXERCISE THE RIGHTS OF A HOLDER UNDER THE APPLICABLE INDENTURE.

The depository may grant proxies and otherwise authorize participating institutions to take any action that a holder is entitled to take under the indentures. We understand that, according to existing industry practices, if we request any action of holders, or any owner of a beneficial interest in a global security wishes to give any notice or take any action, the depository would authorize the participating institutions to give the notice or take the action, and the participating institutions would in turn authorize their clients to give the notice or take the action.

Generally, we will make payments on our debt securities represented by a global security directly to the depository. It is our understanding that the depository will then credit the accounts of participating institutions, which will then distribute funds to their clients. We also expect that payments by participating institutions to their clients will be governed by standing instructions and customary practices, as is now the case with securities held for the accounts of clients registered in "street names," and will be the responsibility of the participating institutions. Neither we nor the trustee (nor our respective agents) will have any responsibility, or bear any liability, for any aspects of the records relating to or payments made on account of beneficial interests in a global security, or for maintaining, supervising or reviewing records relating to beneficial interests.

Generally, a global security may be exchanged for certificated debt securities only in the following instances:

- (1) the depository notifies us that it is unwilling or unable to continue as depository, or it ceases to be a registered clearing agency (if required to be registered by law) and a successor is not appointed within 90 days;
- (2) we determine in our sole discretion that we will permit global securities to be exchanged for certificated debt securities; or
- (3) there is a continuing event of default under the indenture governing the debt securities held in global form.

The following is based on information furnished to us:

Unless otherwise specified in the applicable prospectus supplement, the Depository Trust Company ("DTC") will act as depository for securities issued in the form of global securities. Global securities will be issued only as fully-registered securities registered in the name of Cede & Co., which is DTC's nominee. One or more fully-registered global securities will be issued for these securities representing in the aggregate the total number of these securities, and will be deposited with or on behalf of DTC.

DTC is a limited-purpose trust company organized under the New York Banking Law, a "banking organization" within the meaning of the New York Banking Law, a member of the Federal Reserve System, a "clearing corporation" within the meaning of the New York Uniform Commercial Code, and a "clearing agency" registered pursuant to the provisions of Section 17A of the Securities Exchange Act of 1934. DTC holds securities that its participants deposit with it. DTC also facilitates the settlement among its participants of securities transactions, such as transfers and pledges, in deposited securities through electronic computerized book-entry changes in participants' accounts, thereby eliminating the need for physical movement of securities certificates. Direct participants include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations. DTC is owned by a number of its direct participants and by the New York Stock Exchange, the American Stock Exchange and the National Association of Securities Dealers. Access to the DTC system is also available to others, known as indirect participants, such as securities brokers and dealers, banks and trust companies that clear through or maintain custodial relationships with direct participants, either directly or indirectly. The rules applicable to DTC and its participants are on file with the Securities and Exchange Commission.

Purchases of securities within the DTC system must be made by or through direct participants, which will receive a credit for the securities on DTC's records. The ownership interest of each actual purchaser of each security, commonly referred to as the beneficial owner, is in turn to be recorded on the direct and indirect participants' records. Beneficial owners will not receive written confirmation from DTC of their purchases, but beneficial owners are expected to receive written confirmations providing details of the transactions, as well as periodic statements of their holdings, from the direct or indirect participants through which the beneficial owners purchased securities. Transfers of ownership interests in securities issued in the form of global securities are accomplished by entries made on the books of participants acting on behalf of beneficial owners. Beneficial owners will not receive certificates representing their ownership interests in these securities, except if use of the book-entry system for such securities is discontinued.

DTC has no knowledge of the actual beneficial owners of the securities issued in the form of global securities. DTC's records reflect only the identity of the direct participants to whose accounts such securities are credited, which may or may not be the beneficial owners. The participants will remain responsible for keeping account of their holdings on behalf of their customers.

Conveyance of notices and other communications by DTC to direct participants, by direct participants to indirect participants, and by direct participants and indirect participants to beneficial owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time.

Any redemption notices need to be sent to DTC. If less than all of the securities of a series or class are being redeemed, DTC's practice is to determine by lot the amount to be redeemed from each participant.

Although voting with respect to securities issued in the form of global securities is limited to the holders of record, when a vote is required, neither DTC nor Cede & Co. will itself consent or vote with respect to such securities. Under its usual procedures, DTC would mail an omnibus proxy to the issuer of the securities as soon as possible after the record date. The omnibus proxy assigns Cede & Co.'s consenting or voting rights to those direct participants to whose accounts such securities are credited on the record date, identified in a listing attached to the omnibus proxy.

Payments in respect of securities issued in the form of global securities will be made by the issuer of such securities to DTC. DTC's practice is to credit direct participants' accounts on the relevant payment date in accordance with their respective holdings shown on DTC's records unless DTC has reason to believe that it will not receive payments on such payment date. Payments by participants to beneficial owners will be governed by standing instructions and customary practices and will be the responsibility of such participant and not of DTC or Raytheon Company, subject to any statutory or regulatory requirements as may be in effect from time to time. Payments to DTC are the responsibility of the issuer of the applicable securities, disbursement of such payments to direct participants is the responsibility of DTC, and disbursements of such payments to the beneficial owners is the responsibility of direct and indirect participants.

DTC may discontinue providing its services as depositary with respect to any securities at any time by giving reasonable notice to the issuer of such securities. If a successor depositary is not obtained, individual security certificates representing such securities are required to be printed and delivered. We, at our option, may decide to discontinue use of the system of book-entry transfers through DTC or a successor depositary.

The information in this section concerning DTC and DTC's book-entry system has been obtained from sources that we believe to be accurate, but we assume no responsibility for its accuracy. We have no responsibility for the performance by DTC or its participants of their obligations as described in this prospectus or under the rules and procedures governing their operations.

OUR DEBT TRUSTEE

The current trustee for our debt securities is The Bank of New York, which performs services for us in the ordinary course of business. We may engage additional or substitute trustees with respect to particular series of our debt securities.

DESCRIPTION OF OUR PREFERRED STOCK

This section describes the general terms and provisions of our preferred stock. The applicable prospectus supplement will describe the specific terms of the shares of preferred stock offered through that prospectus supplement as well as any general terms described in this section that will not apply to those shares of preferred stock. We will file a copy of the certificate of

designation that contains the terms of each new series of preferred stock with the SEC each time we issue a new series of preferred stock, and these certificates of designation will be incorporated by reference into the registration statement of which this prospectus is a part. Each certificate of designation will establish the number of shares included in a designated series, and fix the designation, powers, privileges, preferences and rights of the shares of each series as well as any applicable qualifications, limitations or restrictions. YOU SHOULD REFER TO THE APPLICABLE CERTIFICATE OF DESIGNATION AS WELL AS OUR RESTATED CERTIFICATE OF INCORPORATION BEFORE DECIDING TO BUY SHARES OF OUR PREFERRED STOCK AS DESCRIBED IN THE APPLICABLE PROSPECTUS SUPPLEMENT.

Our authorized capital stock consists of 1,650,000,000 shares of stock, including:

- o 1,450,000,000 shares of common stock, \$0.01 par value per share, comprised of:
 - o 450,000,000 shares of Class A common stock, and
 - o 1,000,000,000 shares of Class B common stock.
- o 200,000,000 shares of preferred stock, \$0.01 par value per share, including:
 - o 4,000,000 shares of Series A Junior Participating preferred stock, \$0.01 par value per share.

Our Board has been authorized, subject to certain limitations provided in our charter, to provide for the issuance of shares of our preferred stock in multiple series. No shares of our preferred stock are currently outstanding.

With respect to each series of our preferred stock, our Board of Directors has the authority to fix the following terms:

- o the designation of the series;
- o the number of shares within the series;
- o whether dividends are cumulative and, if cumulative, the dates from which dividends are cumulative;
- o the rate of any dividends, any conditions upon which dividends are payable, and the dates of payment of dividends;
- o whether the shares are redeemable, the redemption price and the terms of redemption;
- o the amount payable to you for each share you own if Raytheon Company is dissolved or liquidated;
- o whether the shares are convertible or exchangeable, the price or rate of exchange, and the applicable terms and conditions;
- o any restrictions on issuance of shares in the same series or any other series; and
- o your voting rights for the shares you own.

You will have no preemptive rights with respect to your shares. In addition, your rights with respect to your shares of preferred stock will be subordinate to the rights of our general creditors. If we receive the appropriate payment, shares of our preferred stock that we issue will be fully paid and nonassessable.

We currently plan to retain State Street Bank and Trust Company of Boston, Massachusetts as the registrar and transfer agent of any series of our preferred stock.

HUGHES SEPARATION AGREEMENT

On December 17, 1997, Raytheon Company acquired, through a merger, Hughes Defense, which it now conducts through Raytheon Systems Company. As part of the merger, we agreed under the Hughes Spin-Off Separation Agreement not to take certain actions until December 18, 1999 unless General Motors Corporation determines in good faith that such actions would not jeopardize the tax-free status of the spin-off of Hughes Defense and its merger with Raytheon Company. These actions generally include:

- o entering into or permitting to occur, including through the redemption of our stockholder rights plan, a transaction in which a person or related persons acquire either (1) 15% of the value of the outstanding capital stock of Raytheon Company, or (2) all or a substantial portion of the assets of Raytheon Company in exchange for stock of such person or persons that is received by Raytheon Company stockholders; and
- o the issuance of any shares of a class or series of our capital stock eligible to vote generally in the election of our directors, or options or warrants to acquire such stock, other than Class B common stock.

A copy of the Hughes Spin-Off Separation Agreement has been filed with the SEC as an exhibit to the registration statement of which this prospectus is a part.

DESCRIPTION OF OUR CLASS B COMMON STOCK

We are authorized to issue up to 1,450,000,000 shares of common stock, consisting of 450,000,000 shares of our Class A common stock, \$0.01 par value per share, and 1,000,000,000 shares of our Class B common stock, \$0.01 par value per share.

This section describes the general terms of our Class B common stock. FOR MORE DETAILED INFORMATION, YOU SHOULD REFER TO OUR RESTATED CERTIFICATE OF INCORPORATION AND OUR AMENDED AND RESTATED BY-LAWS, COPIES OF WHICH HAVE BEEN FILED WITH THE SEC. These documents are also incorporated by reference into this prospectus.

In addition, we entered into an agreement with General Motors Corporation that limits our ability to take actions that affect our common stock. Please refer the description of the Hughes Spin-Off Separation Agreement in the section of this prospectus captioned "Description of Our Preferred Stock".

Generally, holders of our Class A common stock and Class B common stock are entitled to one vote per share and the approval of corporate actions requires the approval of both classes, voting separately, as well as approval of the holders of any series of our preferred stock that may be entitled to vote for the action. The election or removal of our directors is subject to separate rules.

For the election or removal of our directors, our common stockholders vote as a single class, and are entitled to vote as follows:

CLASS B: Holders of our Class B common stock will be entitled to one vote per share, and the voting power of the entire class will be equal to 19.9% of the total voting power of all classes of our common stock.

CLASS A: Holders of our Class A common stock will be entitled to the number of votes per share as will cause the Class A common stock to have 80.1% of the total voting power of all classes of our common stock.

Our common stock will be the only type of our capital stock entitled to vote in the election and removal of directors and other matters presented to our stockholders from time to time, unless we issue voting preferred stock or our charter or the law require otherwise.

Our common stockholders will be entitled to receive dividends and distributions declared by our Board of Directors, to the extent permitted by outstanding shares of preferred stock and by our charter. If a dividend is declared, it will be distributed pro rata to our Class A and Class B stockholders, unless it is a dividend in kind. We are permitted to distribute Class A common stock to Class A stockholders and Class B common stock to Class B stockholders but only if the ratio of shares outstanding of the two classes remains unchanged. In addition, in the case of any stock split, subdivision, combination or reclassification of either class, the other class will be adjusted accordingly so that the ratio of shares outstanding of the two classes remains unchanged.

If Raytheon Company is liquidated or dissolved, our common stockholders will be entitled to receive our assets and funds available for distribution to common stockholders in proportion to the number of shares of either class they hold. Our common stockholders may not receive any assets or funds until our creditors have been paid in full and the preferential or participating rights of our preferred stockholders have been satisfied. If we participate in a corporate merger, consolidation, purchase or acquisition of property or stock, or other reorganization, any payments or shares of stock allocated to our common stockholders will be distributed pro rata to holders of our Class A and Class B common stock on a per share basis. If we redeem, repurchase or otherwise acquire for payment any shares of our common stock, we will treat each share of Class A common stock and Class B common stock identically.

You will not have any preemptive, subscription or conversion rights with respect to shares of our common stock that you own. We may issue additional shares of our common stock, if authorized by our Board of Directors, without your approval - unless required by a stock exchange on which our securities are traded. If we receive the appropriate payment, shares of our common stock that we issue will be fully paid and nonassessable.

Other than as described above, the rights of our Class A common stockholders and Class B common stockholders are the same, and we will not discriminate with respect to one class over the other.

PROVISIONS OF OUR RESTATED CERTIFICATE OF INCORPORATION AND AMENDED AND RESTATED BY-LAWS

ADVANCE NOTICE OF NOMINATIONS. Our by-laws contain provisions requiring that you deliver advance notice of any business that you intend to raise at an annual meeting of stockholders, and providing for certain procedures to be followed if you wish to nominate a person to be elected as a director. To be timely, you must give written notice to our Secretary within the thirty day period beginning on the 120th day prior to the first anniversary of the preceding year's annual meeting. If the date of the next annual meeting is more than 30 days before, or more than 60 days after, the first anniversary of the preceding year's annual meeting, you must deliver notice to our Secretary within the period beginning on the 120th day prior to the meeting and ending thirty days later, or, if later, the 10th day after our public announcement of the meeting date. In addition, if we plan to increase the size of our Board of Directors, and we do not announce all of the nominees for election or the fact that the size of our Board will be increased at least 100 days before the first anniversary of the preceding year's annual meeting, you will have ten days following the date of our public announcement to give notice of your nomination to our Secretary.

The notice must provide information about you and the business to be brought before the meeting. You should review our by-laws for more information. For our 2000 annual stockholders meeting, the first anniversary of the previous year's meeting will be April 28, 2000.

CLASSIFICATION OF DIRECTORS. Our charter provides that, except as required by any series of preferred stock or specific provisions of the charter, the number of our directors, which must be at least equal to three, may be fixed from time to time by a resolution adopted by a majority of our Board. Our Board is classified into three classes, as nearly equal in size as possible. Each class holds office until the third succeeding anniversary of the annual stockholders' meeting electing that class, except that the terms of the initial three classes were set to expire in 1998, 1999 and 2000, respectively. A director may be removed only for cause by the vote of our common stockholders, voting together as a single class in accordance with their respective percentages of total voting power, and subject to the rights of any series of preferred stock outstanding.

NO ACTION BY WRITTEN CONSENT; SPECIAL MEETING. Our charter provides that stockholders may not act by written consent in lieu of a special meeting. Special meetings of the stockholders may only be called by our Chairman of the Board or by our Board of Directors pursuant to a resolution that indicates the purpose of the meeting, which is approved by a majority of our directors, assuming, for this purpose, that there were no vacancies. No business other than that stated in the notice may be transacted at any special meeting of stockholders.

According to our by-laws, if we call a special meeting to elect directors to the Board of Directors, you may nominate individuals for election if you deliver notice to our Secretary during the period beginning on the 120th day before the special meeting and ending thirty days later, or, if later, the 10th day after our public announcement of the meeting.

LIMITATION ON DIRECTORS' LIABILITY. Our charter provides, as authorized by law, that our directors will not be personally liable to Raytheon Company or our stockholders for monetary damages for breach of fiduciary duty as a director, except to the extent limited by the Delaware General Corporate Law. The effect of this charter provision may be to reduce the likelihood of derivative litigation against directors for breach of their duty of care, even though the action, if successful, might otherwise have benefited Raytheon Company and our stockholders.

STOCKHOLDER RIGHTS PLAN

When Raytheon Company merged with Hughes Defense in 1997, the Board of Directors adopted a stockholder rights plan. Each share of Class B common stock issued hereunder will be issued together with one right under the stockholder rights plan. THE FOLLOWING DESCRIPTION, WHICH SUMMARIZES THE MATERIAL PROVISIONS OF THE STOCKHOLDER RIGHTS PLAN, IS NOT COMPLETE AND YOU SHOULD REFER TO THE RIGHTS AGREEMENT, DATED AS OF DECEMBER 15, 1997, BY AND BETWEEN RAYTHEON AND STATE STREET BANK AND TRUST COMPANY, AS RIGHTS AGENT, FOR A MORE DETAILED DESCRIPTION. A copy of the Rights Agreement is filed as an exhibit to the registration statement of which this prospectus is a part.

The rights trade automatically with shares of our common stock and become exercisable only under certain circumstances described below. The rights are designed to protect our interests and the interests of our stockholders against coercive takeover tactics. The purpose of the rights is to encourage potential acquirers to negotiate with our Board of Directors before attempting a takeover and to provide the Board of Directors with leverage in negotiating the terms of any proposed takeover on behalf of all stockholders. The rights may have certain anti-takeover effects. Subject to the terms of the Hughes Spin-Off Separation Agreement, the rights should not, however, interfere with any merger or other business combination that the Board of Directors approves.

The rights do not become exercisable until certain triggering events occur. They expire on December 15, 2007, but we may extend this date or redeem the rights earlier. Before a right is exercised, the right does not confer any right to vote or receive dividends. Before a triggering event occurs, each right will entitle you to purchase from us one one-hundredth of a share of our Series A Junior Participating preferred stock for \$250, subject to adjustment. The rights are triggered by either of the following occurrences:

- o 10 days after the public announcement that an individual or group (the "acquirer") has acquired 15% or more of our Class A common stock, Class B common stock, or the total voting power in the election of our directors; or
- o 10 business days (or later if the Board of Directors elects) after the commencement or announcement by an individual or group (the "acquirer") of an intention to make a tender offer or exchange offer that would result in the acquisition of 15% or more of our Class A common stock, Class B common stock, or the total voting power in the election of our directors.

If the rights are triggered, each holder of a right other than the acquirer, whose rights will automatically become void, will thereafter have the right to purchase shares of Class B common stock at a 50% discount to market price. If Raytheon Company is thereafter acquired in a merger or other business combination, or 50% or more of our assets or earning power are sold, each holder of a right will have the right to purchase shares of common stock of the acquiring company at a 50% discount to market price. However the Board of Directors will have the option, before the acquirer obtains 50% or more of our outstanding shares of common stock, to exchange rights of holders, other than the acquirer, for shares of our Series A Junior Participating preferred stock, at a rate of 100 rights per share, subject to adjustment.

Subject to the terms of the Hughes Spin-Off Separation Agreement, we may redeem the rights at any time before they are triggered at a price of \$0.01 per right. Our Board of Directors may also designate the effective time of the redemption as well as the applicable conditions. If we redeem your rights, you will be entitled to receive \$0.01 for each right you hold, but you will not have any further entitlements with respect to these rights.

SECTION 203 OF THE DELAWARE GENERAL CORPORATION LAW

Section 203 of the Delaware General Corporation Law prohibits certain transactions between a Delaware corporation, such as Raytheon Company, and an "interested stockholder." An interested stockholder is defined as a person who, together with any affiliates or associates of such person, beneficially owns, directly or indirectly, 15% or more of the outstanding voting shares of a Delaware corporation. This provision prohibits certain business combinations between an interested stockholder and a corporation for a period of three years after the date the interested stockholder becomes an interested stockholder. The term "business combination" is broadly defined to include mergers, consolidations, sales or other dispositions of assets having a total value in excess of 10% of the consolidated assets of the corporation, and certain transactions that would increase the interested stockholder's proportionate share ownership in the corporation.

This prohibition is effective unless:

- o The business combination is approved by the corporation's board of directors prior to the time the interested stockholder becomes an interested stockholder;
- o The interested stockholder acquired at least 85% of the voting stock of the corporation (other than stock held by directors who are also officers or by certain employee stock plans) in the transaction in which it becomes an interested stockholder; or
- o The business combination is approved by a majority of the board of directors and by the affirmative vote of 66 2/3% of the outstanding voting stock that is not owned by the interested stockholder.

In general, the prohibitions do not apply to business combinations with persons who were stockholders prior to the corporation becoming subject to Section 203.

STOCK EXCHANGE LISTING

Both our Class A common stock and Class B common stock are listed on the New York Stock Exchange, the Chicago Stock Exchange and the Pacific Exchange. The trading symbols for our Class A common stock and Class B common stock on these exchanges are "RTNa" and "RTNb", respectively.

TRANSFER AGENT

State Street Bank and Trust Company is the Transfer Agent for our common stock and the Rights Agent for the rights.

DESCRIPTION OF OUR SECURITIES WARRANTS

This section describes the general terms and provisions of our securities warrants. The applicable prospectus supplement will describe the specific terms of the securities warrants offered through that prospectus supplement as well as any general terms described in this section that will not apply to those securities warrants.

We may issue securities warrants for the purchase of our debt securities, preferred stock, or Class B common stock. We may issue warrants independently or together with other securities, and they may be attached to or separate from the other securities. Each series of securities warrants will be issued under a separate warrant agreement that we will enter into with State Street Bank and Trust Company, or another bank or trust company, as warrant agent, as detailed in the applicable prospectus supplement. The warrant agent will act solely as an agent of Raytheon Company in connection with the securities warrants and will not assume any obligation, or agency or trust relationship, with you. The forms of securities warrant agreements, including the forms of warrant certificates, are filed as exhibits to the registration statement of which this prospectus is a part. THE FOLLOWING SUMMARY OF CERTAIN PROVISIONS OF THE SECURITIES WARRANT AGREEMENTS IS NOT COMPLETE. YOU SHOULD REFER TO THE PROVISIONS OF THE SECURITIES WARRANT AGREEMENTS FOR MORE SPECIFIC INFORMATION.

The prospectus supplement relating to a particular issue of securities warrants will describe the terms of those securities warrants, including (where applicable):

- o the exercise price for our debt securities, the amount of debt securities you will receive upon exercise, and a description of that series of debt securities;
- o the exercise price for shares of our preferred stock, the number of shares of preferred stock you will receive upon exercise, and a description of that series of our preferred stock;
- o the exercise price for shares of our Class B common stock and the number of shares of Class B common stock you will receive upon exercise;
- o the expiration date;
- o U.S. federal income tax consequences; and
- o any other terms of the securities warrants.

After your warrants expire they will become void. The prospectus supplement will describe how you may exercise your securities warrants. You must exercise warrants for our preferred stock or Class B common stock through payment in U.S. dollars. All securities warrants will be issued in registered form. The prospectus supplement may provide for the adjustment of the exercise price of the securities warrants in certain circumstances.

Until you exercise your warrants to purchase our debt securities, preferred stock, or Class B common stock, you will not have any rights as a holder of our debt securities, preferred stock, or Class B common stock by virtue of your ownership of warrants.

PLAN OF DISTRIBUTION

We may sell our securities domestically or abroad, through underwriters, dealers or agents, or directly, or through any combination of those methods. The applicable prospectus supplement will describe the terms of the offering that it applies to, including the names of any underwriters, dealers or agents, the purchase price for our securities, and the proceeds we expect to receive. It will also include any delayed delivery arrangements, any underwriting discounts and other items constituting underwriters' compensation, the initial public offering price, any discounts or concessions allowed or re-allowed or paid to dealers, and a list of any securities exchanges on which the securities offered may be listed.

If we use underwriters in any sale, our securities will be purchased by the underwriters or dealers for their own account and may be resold from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. Our securities may be offered to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. The underwriters with respect to a particular underwritten offering will be named in the applicable prospectus supplement relating to that offering. If an underwriting syndicate is used, the managing underwriter or underwriters will be disclosed on the cover of the applicable prospectus supplement. Generally, the obligations of the underwriters or agents to purchase the securities that we offer will be subject to conditions precedent, and the underwriters will have to purchase all of the offered securities if any are purchased. The initial public offering price and any discounts or concessions allowed or re-allowed or paid to dealers may be changed from time to time.

If we use dealers to sell our securities, we will sell our securities to the dealers as principals. The dealers may then resell our securities to the public at varying prices that they determine at the time of resale. We will disclose the names of the dealers and the terms of the transaction in the applicable prospectus supplement.

We may sell the securities through agents that we designate from time to time at fixed prices that may be changed, or at varying prices determined at

the time of sale. We will name any agent involved in the offer or sale of our securities and specify any commissions that we will pay them. Unless otherwise specified in the applicable prospectus supplement, any agent will be acting on a best efforts basis for the period of its appointment.

Underwriters or agents may be paid by us or by purchasers of our securities for whom they act as agents in the form of discounts, concessions or commissions. Underwriters, agents and dealers participating in the distribution of our securities may all be deemed to be underwriters, and any discounts or commissions that they receive, as well as profit they receive on the resale of our securities, may be deemed to be underwriting discounts or commissions under the Securities Act of 1933.

A prospectus supplement may indicate that we will authorize agents, underwriters or dealers to solicit from certain types of institutions offers to purchase our securities at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts permitting payment and delivery on a specified future date. The prospectus supplement will describe conditions of any delayed delivery contracts, as well as the commission we will pay for solicitation of these contracts.

Some or all of the securities that we offer through this prospectus may be new issues of securities with no established trading market. Any underwriters to whom we sell our securities for public offering and sale may make a market in those securities, but they will not be obligated to and they may discontinue any market making at any time without notice. Accordingly, we cannot assure you of the liquidity of, or continued trading markets for, any securities that we offer.

In order to facilitate the offering of our securities, any underwriters or agents involved in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of our securities (or other securities that affect payments on our securities). Specifically, the underwriters or agents may overallocate in connection with the offering, creating a short position for their own account. In addition, to cover overallocations or to stabilize the price of our securities (or other securities that affect payments on our securities), the underwriters or agents may bid for and purchase the securities in the open market. In any offering of our securities through a syndicate of underwriters, the underwriting syndicate may reclaim selling concessions allowed to an underwriter or dealer for distributing our securities if the syndicate repurchases previously distributed securities in transactions to cover syndicate short positions, in stabilizing transactions or otherwise. Any of these activities may stabilize or maintain the market price of our securities above independent market levels. The underwriters or agents are not required to engage in these activities, and may end any of these activities at any time.

Agents, dealers and underwriters may be entitled to be indemnified by us against certain civil liabilities, including liabilities under the Securities Act of 1933, or to contribution with respect to payments that they may be required to make.

Any underwriters, dealers or agents that we use, as well as their affiliates, may be customers of Raytheon Company, or may engage in transactions with us or perform services for us in the ordinary course of business.

LEGAL MATTERS

Thomas D. Hyde, Esq., the Senior Vice President, General Counsel and Secretary of Raytheon Company will pass upon the validity of our securities. As of the date of this prospectus, Thomas D. Hyde, Esq. holds 14,714 shares of Class B Common Stock and options to acquire an additional 160,018 shares of Class B Common Stock.

EXPERTS

Our consolidated balance sheets as of December 31, 1998 and 1997 and the related statements of income, stockholders' equity and cash flows for each of the three years in the period ended December 31, 1998 and the related financial statement schedule, incorporated by reference in the registration statement of which this prospectus is a part, have been incorporated into such registration statement in reliance on the reports of PricewaterhouseCoopers LLP, independent accountants, given on the authority of that firm as experts in accounting and auditing.

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NO DEALER, SALESPERSON OR OTHER PERSON IS AUTHORIZED TO PROVIDE ANY INFORMATION OR TO REPRESENT ANYTHING NOT CONTAINED IN THIS PROSPECTUS. YOU MUST NOT RELY ON ANY UNAUTHORIZED INFORMATION OR REPRESENTATIONS. THIS PROSPECTUS IS AN OFFER TO SELL ONLY THE SECURITIES OFFERED HEREBY, BUT ONLY UNDER CIRCUMSTANCES AND IN JURISDICTIONS WHERE IT IS LAWFUL TO DO SO. THE INFORMATION CONTAINED IN THIS PROSPECTUS IS CURRENT ONLY AS OF ITS DATE.

\$3,000,000,000

RAYTHEON
COMPANY

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DEBT SECURITIES
PREFERRED STOCK
CLASS B COMMON STOCK
WARRANTS

Prospectus

_____, 1999

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PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

ITEM 14. OTHER EXPENSES OF ISSUANCE AND DISTRIBUTION.

The estimated expenses in connection with the issuance and distribution of the securities being registered, other than underwriting compensation, are:

S.E.C. Registration Fee	\$	834,000
Legal Fees and Expenses	\$	100,000
Accounting Fees and Expenses	\$	30,000
Trustee's Fees and Expenses	\$	20,000
Rating Agency Fees	\$	160,000
Blue Sky Fees and Expenses	\$	2,000
Printing and Engraving Fees	\$	90,000
Miscellaneous	\$	14,000

	\$	1,250,000
		=====

ITEM 15. INDEMNIFICATION OF DIRECTORS AND OFFICERS.

Delaware General Corporation Law

Under Section 145 of the Delaware General Corporation Law (the "DGCL"), Raytheon Company is empowered to indemnify its directors and officers in the circumstances therein provided. Certain portions of Section 145 are summarized below:

Section 145(a) of the DGCL provides that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that such person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if such person acted in good faith and in the manner such person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had not reasonable cause to believe such person's conduct was unlawful.

Section 145(b) of the DGCL provides that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that he is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the Delaware Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Delaware Court of Chancery or such other court shall deem proper.

Section 145(c) of the DGCL provides that to the extent that a present or former director or officer of a corporation has been successful on the merits

or otherwise in defense of any action, suit or proceeding referred to in Section 145(a) and (b), or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith.

Section 145(d) of the DGCL provides that any indemnification under Section 145(a) and (b) (unless ordered by a court) shall be made by the corporation only as authorized in the specific case upon a determination that indemnification of the present or former director, officer, employee or agent is proper in the circumstances because such person has met the applicable standard of conduct set forth in Section 145(a) and (b). Such determination shall be made, with respect to a person who is a director or officer at the time of such determination, (1) by a majority vote of the directors who were not parties to such action, suit or proceeding, even though less than a quorum, or (2) by a committee of such directors designated by majority vote of such directors, even though less than a quorum, or (3) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion, or (4) by the stockholders.

Section 145(e) of the DGCL provides that expenses (including attorneys' fees) incurred by an officer or director in defending any civil, criminal, administrative or investigative action, suit or proceeding may be paid by the corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that such person is not entitled to be indemnified by the corporation as authorized in Section 145. Such expenses (including attorneys' fees) incurred by former directors and officers or other employees and agents may be so paid upon such terms and conditions, if any, as the corporation deems appropriate.

Section 145(f) of the DGCL provides that the indemnification and advancement of expenses provided by, or granted pursuant to, Section 145 shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under any bylaw, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in such person's official capacity and as to action in another capacity while holding such office.

Section 145(g) of the DGCL provides that a corporation shall have the power to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against such person and incurred by such person any such capacity, or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liability under Section 145.

Restated Certificate of Incorporation

The Restated Certificate of Incorporation of Raytheon Company provides that no director of Raytheon Company shall be personally liable to Raytheon Company or its stockholders for monetary damages for breach of fiduciary duty as a director, except to the extent such exemption or limitation is prohibited under the DGCL as it currently exists or as it may be amended in the future.

The Restated Certificate of Incorporation also provides that Raytheon Company shall indemnify each person who was or is made a party or is threatened to be made a party to or is involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person is or was a director or officer of Raytheon Company or is or was serving at the request of Raytheon Company as a director or officer of another corporation or of a partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans (whether the basis of such action, suit or proceeding is alleged action in an official capacity as a director or officer or in any other capacity while serving as a director or officer), to the fullest extent authorized by the DGCL as it currently exists or as it may be amended in the future, against all expense, liability and loss (including attorneys' fees, judgments, fines, payments in settlement and excise taxes or penalties arising under the Employee Retirement Income Security Act of 1974, as in effect from time to time) reasonably incurred or suffered by such person. Such indemnification shall continue as to a person who ceases to be a director or officer of Raytheon Company and shall inure to the benefit of such person's heirs, executors and administrators. Raytheon Company shall not be required to indemnify a person in connection with such action, suit or proceeding initiated by such person if it was not authorized by the Board of Directors except under limited circumstances.

The Restated Certificate of Incorporation also provides that Raytheon Company shall pay the expenses of directors and officers incurred in defending any such action, suit or proceeding in advance of its final disposition; provided, however, that, if and to the extent that the DGCL requires, the payment of expenses incurred by a director or officer in advance of the final disposition of any action, suit or proceeding shall be made only upon receipt of an undertaking by the director or officer to repay all amounts advanced if it should be ultimately determined that the director or officer is not entitled to be indemnified under the Restated Certificate of Incorporation or otherwise. If a claim for indemnification or advancement of expenses by an officer or director under the Restated Certificate of Incorporation is not paid in full within 30 calendar days after a written claim therefor has been received by Raytheon Company, the claimant may file suit to recover the unpaid amount of such claim and, if successful in whole or in part, shall be entitled also to be paid the expense of prosecuting such claim. It shall be a defense to any such action (other than an action brought to enforce a claim for expenses incurred in defending any action, suit or proceeding in advance of its final disposition where the required undertaking, if any is required, has been tendered to Raytheon Company) that the claimant has not met the standard of conduct which makes it permissible under the DGCL for the Company to indemnify the claimant for the amount claimed. Raytheon Company shall have the burden of providing such defense. Neither the failure of Raytheon Company to have made a determination prior to the commencement of such action that indemnification of the claimant is proper in circumstances because the claimant has met the applicable standard of conduct set forth in the DGCL, nor an actual determination by Raytheon Company that the claimant has not met such applicable standard of conduct, shall be a defense to the action or create a presumption that the claimant has not met the applicable standard of conduct. The right to indemnification and the payment of expenses conferred on any person by the Restated Certificate of Incorporation shall not be exclusive of any other rights which such person may have or hereafter acquire under any statute, provision of the Restated Certificate of Incorporation or the Amended and Restated By-Laws of Raytheon Company, agreement, vote of stockholders or disinterested directors or otherwise.

Any repeal or modification of the provisions of the Restated Certificate of Incorporation described herein by the stockholders of Raytheon Company will not adversely affect any limitation on the personal liability of directors for, or any rights of directors in respect of, any cause of action, suit or claim accruing or arising prior to the repeal or modification.

The Restated Certificate of Incorporation also provides that Raytheon Company may maintain insurance to protect itself and any director, officer, employee or agent of Raytheon Company or another corporation, partnership, joint venture, trust or other enterprise against any such expense, liability or loss, whether or not Raytheon Company would have the power to indemnify such person against such expense, liability or loss under DGCL.

ITEM 16. EXHIBITS.

- *2.1 Agreement and Plan of Merger dated as of January 16, 1997 by and between Raytheon Company and HE Holdings, Inc., filed as an exhibit to Raytheon Company's Current Report on Form 8-K filed with the Securities and Exchange Commission on January 17, 1997, is hereby incorporated by reference.
- *2.2 Hughes Spin-Off Separation Agreement dated as of December 17, 1997 by and between HE Holdings, Inc. and General Motors Corporation filed as an exhibit to Raytheon Company's Registration Statement on Form S-3, File No. 333-44321, is hereby incorporated by reference.
- *4.1 Raytheon Company Restated Certificate of Incorporation, restated as of February 11, 1998 filed as an exhibit to Raytheon Company's Annual Report on Form 10-K for the year ended December 31, 1997, is hereby incorporated by reference.
- *4.2 Raytheon Company Amended and Restated By-Laws, as amended through January 28, 1998 filed as an exhibit to Raytheon Company's Annual Report on Form 10-K for the year ended December 31, 1997, is hereby incorporated by reference.
- *4.3 Indenture relating to Senior Debt Securities dated as of July 3, 1995 between Raytheon Company and The Bank of New York, as Trustee, filed as an exhibit to Raytheon Company's Registration Statement on Form S-3, File No. 33-59241, is hereby incorporated by reference.

- *4.4 Indenture relating to Subordinated Debt Securities dated as of July 3, 1995 between Raytheon Company and The Bank of New York, as Trustee, filed as an exhibit to Raytheon Company's Registration Statement on Form S-3, File No. 33-59241, is hereby incorporated by reference.
- *4.5 Form of Senior Debt Securities (See Exhibit 4.3).
- *4.6 Form of Subordinated Debt Securities (See Exhibit 4.4).
- *4.7 Rights Agreement dated as of December 15, 1997 between Raytheon Company and State Street Bank and Trust Company, as Rights Agent, filed as an exhibit to Raytheon Company's Registration Statement on Form 8-A, File No. 1-13699, is hereby incorporated by reference.
- 5.1 Opinion of Thomas D. Hyde, Esq., Senior Vice President, General Counsel and Secretary of Raytheon Company.
- 12.1 Statement regarding Computation of Ratio of Earnings to Combined Fixed Charges and Preferred Stock Dividends.
- 23.1 Consent of Thomas D. Hyde, Esq. (included in Exhibit 5.1)
- 23.2 Consent of PricewaterhouseCoopers LLP
- 24 Powers of Attorney (filed herewith -- see signature pages)
- **25 Form T-1 Statement of Eligibility of the Senior Debt Trustee and the Subordinated Debt Trustee

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* Incorporated herein by reference.

** To be filed either by amendment or as an exhibit to a report filed under the Securities Exchange Act of 1934, as amended, and incorporated herein by reference.

ITEM 17. UNDERTAKINGS.

(A) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933, as amended (the "Securities Act");

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represents a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in the volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement.

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(B) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Exchange Act that is incorporated by reference in the registration statement) shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(C) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, Raytheon Company certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the Town of Lexington, Commonwealth of Massachusetts, on the 23rd day of June, 1999.

RAYTHEON COMPANY

By: /s/ Thomas D. Hyde

Thomas D. Hyde
Senior Vice President, General
Counsel and Secretary for the
Registrant

We, the undersigned officers and Directors of Raytheon Company, hereby severally constitute and appoint Franklyn A. Caine, Richard A. Goglia and Thomas D. Hyde and each of them singly, our true and lawful attorney with full power to sign for us and in our names in the capacities indicated below, the Registration Statement on Form S-3 filed herewith and any and all pre-effective and post-effective amendments to said Registration Statement, and generally to do all such things in our names and on our behalf in our capacities as Officers and Directors to enable Raytheon Company to comply with the provisions of the Securities Act of 1933, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signature as then may be signed by our said attorneys or any of them, to said Registration Statement and any and all amendments thereto.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed below on June 23, 1999 by the following persons in the capacities indicated.

SIGNATURE

CAPACITY

/s/ DANIEL P. BURNHAM ----- DANIEL P. BURNHAM	President and Chief Executive Officer and Director (Principal Executive Officer)
/s/ DENNIS J. PICARD ----- DENNIS J. PICARD	Chairman of the Board of Directors and Director
/s/ FRANKLYN A. CAINE ----- FRANKLYN A. CAINE	Senior Vice President and Chief Financial Officer (Principal Financial Officer)
/s/ MICHELE C. HEID ----- MICHELE C. HEID	Vice President and Corporate Controller (Principal Accounting Officer)
/s/ BARBARA BARRETT ----- BARBARA BARRETT	Director

SIGNATURE

CAPACITY

/s/ FERDINAND COLLOREDO-MANSFELD Director

FERDINAND COLLOREDO-MANSFELD

Director

JOHN M. DEUTCH

/s/ THOMAS E. EVERHART Director

THOMAS E. EVERHART

/s/ JOHN R. GALVIN Director

JOHN R. GALVIN

/s/ L. DENNIS KOZLOWSKI Director

L. DENNIS KOZLOWSKI

/s/ JAMES N. LAND, JR. Director

JAMES N. LAND, JR.

/s/ HENRIQUE DE CAMPOS MEIRELLES Director

HENRIQUE DE CAMPOS MEIRELLES

/s/ THOMAS L. PHILLIPS Director

THOMAS L. PHILLIPS

/s/ WARREN B. RUDMAN Director

WARREN B. RUDMAN

/s/ ALFRED M. ZEIEN Director

ALFRED M. ZEIEN

[RAYTHEON COMPANY LETTERHEAD]

July 9, 1999

Raytheon Company
141 Spring Street
Lexington, MA 02421

Ladies and Gentlemen:

I am Senior Vice President, General Counsel and Secretary of Raytheon Company, a Delaware Corporation (the "Company"), and am rendering this opinion in connection with a registration statement on Form S-3 (the "Registration Statement") of the Company being filed today with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act"), with respect to \$3,000,000,000 aggregate initial offering price of the following securities of the Company (the "Registered Securities"): (i) unsecured senior debt securities (the "Senior Debt Securities"), (ii) unsecured subordinated debt securities (the "Subordinated Debt Securities" and collectively with the Senior Debt Securities, the "Debt Securities"), (iii) warrants to purchase Debt Securities (the "Debt Warrants"), (iv) shares of preferred stock, \$0.01 par value per share (the "Preferred Stock"), (v) warrants to purchase shares of Preferred Stock (the "Preferred Stock Warrants"), (vi) shares of Class B common stock, \$0.01 par value per share (the "Class B Common Stock"), and (vii) warrants to purchase shares of Class B Common Stock (the "Class B Warrants", and collectively with the Debt Warrants and the Preferred Stock Warrants, the "Warrants"), for issuance from time to time pursuant to Rule 415 under the Securities Act.

As Senior Vice President, General Counsel and Secretary of the Company, I have examined and am familiar with the Restated Certificate of Incorporation of the Company, as amended to date. I am also familiar with the corporate proceedings taken by the Board of Directors of the Company to authorize the filing of the Registration Statement and the issuance of the Registered Securities.

In connection with the foregoing, I have examined originals, or copies certified or otherwise identified to my satisfaction, of such documents, corporate records and other instruments as I have deemed necessary or appropriate for the purpose of this opinion.

Based upon the foregoing, I am of the opinion that:

1. The Debt Securities registered under the Registration Statement, when duly authorized, executed, authenticated and delivered against payment therefor or upon the exercise of Debt Warrants, and (in the case of Debt Securities acquired upon the exercise of Debt Warrants) when the Company shall have received any additional consideration which is payable upon such exercise, will be validly issued and will constitute binding obligations of the Company in accordance with their terms, subject to applicable bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium or other laws affecting creditors' rights generally from time to time in effect.

2. The shares of Preferred Stock registered under the Registration Statement, when duly authorized and issued against payment therefor, or upon exercise of Preferred Stock Warrants, and (in the case of Preferred Stock acquired on the exercise of Preferred Stock Warrants) when the Company shall have received any additional consideration which is payable upon such exercise, will be validly issued, fully paid and nonassessable.

3. The shares of Class B Common Stock registered under the Registration Statement, when duly authorized and issued for consideration having a value not less than the par value thereof, or upon the exercise of Class B Warrants, and when (in the case of Class B Common Stock issued upon the exercise of Class B Warrants) the Company shall have received any additional consideration which is payable upon such exercise, will be validly issued, fully paid and nonassessable.

4. The Warrants registered under the Registration Statement, when duly executed and delivered against payment therefor, pursuant to a warrant agreement or agreements duly authorized, executed and delivered by the Company and a warrant agent, will be legally issued.

I hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the reference to me under the heading "Legal Matters" in the Prospectus constituting a part of the Registration Statement.

Very truly yours,

/s/ Thomas D. Hyde

Thomas D. Hyde
Senior Vice President, General Counsel and Secretary

CONSENT OF INDEPENDENT ACCOUNTANTS

We hereby consent to the incorporation by reference in this Registration Statement on Form S-3 of our report dated January 26, 1999 relating to the financial statements, which appears in the 1998 Annual Report to Shareholders, which is incorporated by reference in Raytheon Company's Annual Report on Form 10-K for the year ended December 31, 1998. We also consent to the incorporation by reference of our report dated January 26, 1999 relating to the financial statement schedule, which appears in such Annual Report on Form 10-K. We also consent to the references to us under the headings "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP
PricewaterhouseCoopers LLP

Boston, Massachusetts
July 8, 1999