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

**FORM S-3
REGISTRATION STATEMENT**
UNDER
THE SECURITIES ACT OF 1933

Northrop Grumman Corporation

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

80-0640649
(I.R.S. Employer
Identification Number)

**2980 Fairview Park Drive
Falls Church, Virginia 22042
(703) 280-2900**
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

**Jennifer C. McGarey
Corporate Vice President and Secretary
Northrop Grumman Corporation
2980 Fairview Park Drive
Falls Church, Virginia 22042
(703) 280-2900**
(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copy to:
**Meredith B. Cross
Wilmer Cutler Pickering Hale and Dorr LLP
7 World Trade Center
250 Greenwich Street
New York, NY 10007
(202) 663-6000**

Approximate date of commencement of proposed sale to the public: From time to time after this registration statement becomes effective.

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 this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth

company” in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Non-accelerated filer

Accelerated filer

Smaller reporting company

Emerging Growth Company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.



Northrop Grumman Corporation

SENIOR DEBT SECURITIES COMMON STOCK

We may offer and sell any combination of the securities described in this prospectus from time to time in one or more offerings, in one or more series and in amounts, at prices and on terms that we will determine at the time of the offering.

We will provide the specific terms of the securities, including their offering prices, and the methods by which we will sell them, in supplements to this prospectus. The prospectus supplements may also add, update or change information contained in this prospectus. You should read this prospectus and any accompanying prospectus supplements carefully before you make your investment decision.

We may offer and sell the securities on an immediate, continuous or delayed basis directly to investors or through underwriters, dealers or agents, or through a combination of these methods.

Northrop Grumman's common stock is listed on The New York Stock Exchange under the symbol "NOC".

Investing in these securities involves certain risks. See "[Risk Factors](#)" included in any accompanying prospectus supplement and in the documents incorporated by reference in this prospectus for a discussion of the factors you should carefully consider before deciding to purchase these securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is March 13, 2023.

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ABOUT THIS PROSPECTUS

Unless otherwise stated or the context otherwise requires, references in this prospectus to “Northrop Grumman” are to Northrop Grumman Corporation, and references to “we,” “our,” “us” or similar references are to Northrop Grumman and its consolidated subsidiaries.

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or the SEC, using a shelf registration process. Under this shelf registration process, Northrop Grumman may from time to time sell, either separately or together, senior debt securities or common stock, in one or more offerings to the public. This prospectus provides you with a general description of these securities.

Each time we sell securities, we will provide a prospectus supplement containing specific information about the terms of that offering. That prospectus supplement may include or incorporate by reference a discussion of any risk factors and may discuss special considerations applicable to those securities. The prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any accompanying prospectus supplement together with additional information described under the heading “Where You Can Find More Information” and “Incorporation by Reference.” If there is any inconsistency between the information in this prospectus and any prospectus supplement, you should rely on the information contained in that prospectus supplement.

You should rely on the information contained in or incorporated by reference in this prospectus, any accompanying prospectus supplement or in any related free writing prospectus filed by us with the SEC. We have not authorized anyone to provide you with different information. If any third party provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should read this prospectus, including the documents incorporated by reference in this prospectus, when making your investment decision. You should assume that the information appearing in this prospectus, any prospectus supplement, the documents incorporated by reference and any related free writing prospectus is accurate only as of their respective dates. Our business, financial condition, results of operations, cash flows and/or prospects may have changed materially since those dates.

WHERE YOU CAN FIND MORE INFORMATION

Northrop Grumman files annual, quarterly and current reports, proxy statements and other information with the SEC. The SEC maintains a site on the internet at <http://www.sec.gov> that contains reports, proxy statements and other information that we file electronically with the SEC. Copies of certain information filed by us with the SEC are also available on our website at www.northropgrumman.com. Our website is not a part of, and is not incorporated by reference into, this prospectus.

This prospectus is part of a registration statement we filed with the SEC. This prospectus omits some information contained in the registration statement in accordance with SEC rules and regulations. You should review the information in, and the exhibits to, the registration statement for further information on us and our consolidated subsidiaries and the securities we are offering. Statements in this prospectus concerning any document we filed as an exhibit to the registration statement or that we otherwise filed with the SEC are not intended to be comprehensive and are qualified by reference to these filings. You should review the complete document to evaluate these statements.

INCORPORATION BY REFERENCE

We are “incorporating by reference” information into this prospectus, which means that we can disclose important information to you by referring you to another document that has been filed separately with the SEC. The information incorporated by reference is considered to be part of this prospectus, and information that we file later with the SEC will automatically update and supersede the information contained in documents filed earlier with the SEC or contained in this prospectus. This means that you must look at all of the SEC filings that we incorporate by reference to determine if any of the statements in this prospectus or in any document previously incorporated by reference have been modified or superseded. We incorporate by reference in this prospectus the documents listed below (File No. 001-16411) and any future filings made by us with the SEC under Section 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), after the initial filing of the registration statement that contains this prospectus and prior to the time that the offering of the securities under the registration statement is terminated or completed (in each case, other than those documents or the portions of those documents not deemed to be filed):

- Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2022 filed with the SEC on January 26, 2023;
- The portions of our [Definitive Proxy Statement on Schedule 14A](#) for the 2022 Annual Meeting of Stockholders filed with the SEC on April 1, 2022, that are incorporated by reference in our Annual Report on Form 10-K for the fiscal year ended December 31, 2021;
- Current Reports on Form 8-K filed on [February 8, 2023](#) and [February 17, 2023](#); and
- The description of our common stock contained in our Registration Statement on [Form 8-A](#) filed on March 28, 2001, as updated by [Exhibit 4\(1\)](#) to our Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2019.

You may obtain copies, without charge, of documents incorporated by reference in this prospectus, by requesting them in writing or by telephone from us as follows:

Jennifer C. McGarey
Corporate Vice President and Secretary
2980 Fairview Park Drive
Falls Church, Virginia 22042
(703) 280-2900

Exhibits to the filings will not be sent, unless those exhibits have been specifically incorporated by reference in this prospectus.

FORWARD-LOOKING STATEMENTS AND IMPORTANT FACTORS

This prospectus and the information we are incorporating by reference contain statements that constitute “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as “will,” “expect,” “anticipate,” “intend,” “may,” “could,” “should,” “plan,” “project,” “forecast,” “believe,” “estimate,” “guidance,” “outlook,” “trends,” “goals” and similar expressions generally identify these forward-looking statements. Forward-looking statements include, among other things, statements relating to our future financial condition, results of operations and/or cash flows. Forward-looking statements are based upon assumptions, expectations, plans and projections that we believe to be reasonable when made, but which may change over time. These statements are not guarantees of future performance and inherently involve a wide range of risks and uncertainties that are difficult to predict. Specific risks that could cause actual results to differ materially from those expressed or implied in these forward-looking statements include, but are not limited to, those identified under Item 1A, Risk Factors in our Annual Report on Form 10-K for the year ended December 31, 2022 and other important factors disclosed in our reports, and from time to time in our other filings with the SEC.

We urge you to consider the limitations on, and risks associated with, forward-looking statements and not unduly rely on the accuracy of forward-looking statements. These forward-looking statements speak only as of the date of this prospectus or, in the case of any document incorporated by reference, the date of that document. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law.

RISK FACTORS

Investing in our securities involves a high degree of risk. You should carefully review the risks and uncertainties described under the heading “Risk Factors” contained in the applicable prospectus supplement and any related free writing prospectus, and under similar headings in our Annual Report on Form 10-K for the year ended December 31, 2022, as updated by our subsequent filings, which are incorporated by reference into this prospectus, before deciding whether to purchase any of the securities being registered pursuant to the registration statement of which this prospectus is a part. Each of the risk factors could adversely affect our business, results of operations, financial condition and cash flows, as well as adversely affect the value of an investment in our securities, and the occurrence of any of these risks might cause you to lose all or part of your investment. Additional risks not presently known to us or that we currently believe are immaterial may also significantly impair our business operations.

NORTHROP GRUMMAN CORPORATION

Northrop Grumman Corporation is a leading global aerospace and defense company. We deliver a broad range of products, services and solutions to U.S. and international customers, and principally to the U.S. Department of Defense and intelligence community. Our broad portfolio is aligned to support national security priorities and our solutions equip our customers with capabilities they need to connect, protect and advance humanity.

The company is a leading provider of space systems, advanced aircraft, missile defense, advanced weapons and long-range fires capabilities, mission systems, networking and communications, strategic deterrence systems, and breakthrough technologies, such as artificial intelligence, advanced computing and cyber. We are focused on competing and winning programs that enable continued growth, performing on our commitments and affordably delivering capability our customers need. With the investments we've made in advanced technologies, combined with our talented workforce and digital transformation capabilities, Northrop Grumman is well positioned to meet our customers' needs today and in the future.

Our principal executive offices are located at 2980 Fairview Park Drive, Falls Church, Virginia 22042, and our telephone number is (703) 280-2900.

We maintain an internet site at <http://www.northropgrumman.com>. The information contained at our internet site is not incorporated by reference in this prospectus, and you should not consider it a part of this prospectus.

USE OF PROCEEDS

Unless we specify otherwise, we will use the net proceeds from the sale of the securities for general corporate purposes and those of our consolidated subsidiaries. These purposes may include repayment of debt, repurchase of our common stock, working capital needs, capital expenditures, acquisitions and any other general corporate purpose.

DESCRIPTION OF SENIOR DEBT SECURITIES

The following description of senior debt securities, which we refer to as the debt securities, sets forth the general terms and provisions of the debt securities we may offer. The specific terms of any debt securities we offer and the extent to which these general terms and provisions apply to those debt securities will be described in a prospectus supplement.

Northrop Grumman may issue the debt securities in one or more series under the indenture dated as of November 21, 2001, which we refer to as the base indenture, as supplemented and/or amended by (i) the first supplemental indenture dated as of July 30, 2009, between Northrop Grumman and The Bank of New York Mellon, which we refer to as the trustee, (ii) the third supplemental indenture dated as of March 30, 2011, by and among Titan II, Inc. (formerly known as Northrop Grumman Corporation), the trustee and Titan Holdings II, L.P. and (iii) the fourth supplemental indenture dated as of March 30, 2011, by and among Titan Holdings II, L.P., the trustee and Northrop Grumman (formerly known as New P, Inc.). We refer to the base indenture as modified by the supplemental indentures, and as further amended and/or supplemented, as the indenture. If we use a different indenture trustee for any series of debt securities, we will provide the details in a prospectus supplement.

We have summarized some of the material provisions of the indenture on the following pages. The summary does not purport to be complete and is subject to, and is qualified in its entirety by reference to, all provisions of the indenture, including definitions of various terms contained in the indenture. The base indenture and the supplemental indentures are exhibits to the registration statement of which this prospectus is a part. We encourage you to read the indenture. If you would like more information on the indenture, see "Where You Can Find More Information" on how to obtain copies of the indenture. Section references in the summary below are to the section in the base indenture as such section may have been modified by the supplemental indentures.

Terms

The indenture provides for the issuance of debt securities in one or more series. A prospectus supplement relating to any series of debt securities we offer will describe the specific terms relating to the offering. These terms will include some or all of the following:

- the title and type of the debt securities;
- any limit on the total principal amount of the debt securities;
- the person who will receive interest payments on any debt securities, if other than the registered holder;
- the price or prices at which we will sell the debt securities;
- the maturity date or dates of the debt securities;

- the rate or rates, which may be fixed or variable, per annum at which the debt securities will bear interest and the date from which such interest will accrue;
- the dates on which interest will be payable and the related record dates;
- whether any index, formula or other method will determine payments of principal, premium or interest and the manner of determining the amount of such payments;
- the place or places of payments on the debt securities;
- whether and on what terms the debt securities are redeemable;
- any mandatory or optional sinking fund or purchase fund or analogous provisions;
- the denominations of the debt securities if other than \$1,000 or multiples of \$1,000;
- the currency or currency units of principal, premium and interest payments if other than U.S. dollars;
- any deletions from, changes in or additions to the events of default or the covenants specified in the indenture;
- any trustees, authenticating or paying agents, transfer agents, registrars or other agents for the debt securities;
- whether the debt securities are subject to defeasance or covenant defeasance;
- any conversion or exchange features of the debt securities;
- whether we will issue the debt securities as original issue discount securities for federal income tax purposes;
- any special tax implications of the debt securities;
- whether the debt securities will be issued in whole or in part in temporary or permanent global form and, if so, the initial depository with respect to the global security;
- the terms of payment upon acceleration; and
- any other material terms of the debt securities. *(Section 301)*

We may issue debt securities that are convertible into or exchangeable for our common stock. If we issue convertible or exchangeable debt securities, we will provide additional information in a prospectus supplement.

We may sell debt securities at a discount below their stated principal amount, bearing no interest or interest at a rate that, at the time of issuance, is different than market rates.

Ranking of Debt Securities

The debt securities will be our senior unsecured obligations and will rank equally and ratably in right of payment with all of our other unsecured and non-subordinated indebtedness.

Denomination, Form, Payment and Transfer

Normally, we will denominate and make payments on debt securities in U.S. dollars. If we issue debt securities denominated, or with payments, in a foreign or composite currency, the applicable prospectus supplement will specify the currency or composite currency. *(Section 301)*

We may from time to time issue debt securities in certificated form. This means that holders will be entitled to receive certificates representing the debt securities registered in their name. You can transfer or exchange debt securities in certificated form without service charge, upon reimbursement of any taxes or government charges. You can make this transfer or exchange at the trustee's corporate trust office or at any other office we maintain for such purposes. If the debt securities are in certificated form, we can pay interest by check mailed to the person in whose name the debt securities are registered on the days specified in the indenture. *(Sections 301 and 305)*

Global Notes

We may issue the debt securities of a particular series in whole or in part in the form of one or more global notes that will be issued to and registered in the name of a depository, which we refer to as the depository, or its nominee, identified in the prospectus supplement relating to that series. Global notes may be issued only in fully registered form and in either temporary or permanent form. Unless and until a global note is exchanged in whole or in part for certificated debt securities, a global note may only be transferred as a whole between the depository (or its successor) and its nominees. *(Section 305)*

While the specific terms of the depositary arrangement with respect to a series of debt securities will be described in the prospectus supplement relating to that series, we anticipate that the following provisions will generally apply to depositary arrangements for global notes.

Upon the issuance of a global note, the depositary or its nominee will credit, on its book-entry registration and transfer system, the respective principal amounts of the persons who beneficially own the global note to their accounts with the depositary. These accounts will be designated by the dealers, underwriters or agents through whom we sold the debt securities, or by us if we offer and sell the debt securities directly. Ownership of beneficial interests in a global note will be limited to persons that have accounts with the depositary, whom we refer to as participants, or persons that may hold interests through participants. Ownership of beneficial interests in a global note will be shown on, and the transfer of that ownership will be effected only through, records maintained by the depositary or its nominee (with respect to interests of participants) and the records of participants (with respect to interests of beneficial owners other than participants). The laws of some states require that certain purchasers of securities must take physical delivery of debt securities in definitive, certificated form. These requirements may impair our ability to sell, and the ability of a purchaser to transfer, beneficial interests in a global note.

So long as the depositary or its nominee is the registered owner of a global note, the depositary or its nominee will be considered the sole owner or “Holder” of the debt represented by the global note for all purposes under the indenture. Except as described below, owners of beneficial interests in a global note will not be entitled to have any of the debt represented by the global note registered in their individual names, will not receive or be entitled to receive certificates representing debt securities in definitive form, and will not be considered the owners or “Holders” of the debt securities under the indenture. Accordingly, investors who hold an interest in global debt securities in accounts at banks or brokers will not generally be recognized by us as the legal holders of the debt securities although the depositary or its nominee may choose to grant proxies or otherwise allow owners of beneficial interests in the debt securities to take action which the depositary as “Holder” is entitled to take.

Payments of principal and interest, if any, on a global note registered in the name of the depositary or its nominee will be made to the depositary or its nominee, as the registered owner of the global note. Neither we nor the trustee, any paying agent or the security registrar for the debt securities will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests of the global note or for maintaining, supervising or reviewing any records relating to those beneficial ownership interests.

We expect that the depositary or its nominee, immediately upon receipt of any payment of principal or interest in respect of a global note, will credit the accounts of the applicable participants with payments in amounts proportionate to their respective beneficial ownership interests in the principal amount of the global note, as shown on the records of the depositary or its nominee. We further expect that payments by participants to owners of beneficial interests in the global note held through those participants will be governed by standing instructions and customary practices, as is now the case with securities held for the accounts of customers. These payments will, however, be the sole responsibility of the participants. We have no control over the practices of the depositary or the participants, and there can be no assurance that these practices will not be changed.

If the depositary for a series of debt securities is at any time unwilling, unable or ineligible to continue as depositary and a successor depositary is not appointed by us within 90 days, we will issue certificated debt securities of that series in exchange for the global note held by that depositary. In addition, we may at any time and in our sole discretion, subject to any limitations described in the prospectus supplement relating to the debt securities, determine not to have any series of debt securities represented by one or more global notes and, in that event, will issue certificated debt securities of that series in exchange for the global note. Further, if an Event of Default with respect to any series represented by a global note has occurred and is continuing, the global note may be exchanged for certificated debt securities. In that case, each owner of a beneficial interest in a global note will be entitled to physical delivery of certificated debt securities of the series represented by the global note equal in principal amount to that owner’s beneficial interest, and to have those debt securities registered in its name.

Payments

We will pay interest to direct holders listed in the registrar’s records at the close of business on the record date specified in the applicable prospectus supplement, which usually falls about two weeks in advance of each due date for interest, even if the holder on the record date no longer owns the debt security on the interest payment date. (*Section 307*) Holders buying and selling debt securities must make their own arrangements to account for the issuer’s payment of all the interest for an interest period to the person who was the registered holder on the record date.

If any amount payable on any debt security remains unclaimed at the end of two years after the amount became due and payable, the paying agent or trustee will return that amount to us. (*Section 1003*)

Events of Default

Unless we indicate otherwise in a prospectus supplement, the following are events of default under the indenture with respect to any series of issued debt securities:

- failure to:
 - pay the principal or any premium on any debt security of that series when due;
 - pay interest on any debt security of that series within 30 days of when due;
 - deposit any sinking fund payment on any debt security of that series when due; or
 - perform any other covenant in the indenture applicable to that series and the issuer or guarantor, if applicable, that continues for 90 days after we have been given written notice of the failure by the trustee or the holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series; or
- the occurrence of specified bankruptcy, insolvency or reorganization events. (*Section 501*)

An event of default for one series of debt securities does not necessarily constitute an event of default for any other series under the indenture.

If the specified bankruptcy, insolvency or reorganization events occur, the entire principal of all the debt securities of that series will be due and payable immediately. If any other event of default occurs and continues, the trustee, or the holders of at least 25% in aggregate principal amount of the outstanding debt securities of the series, may declare the entire principal of all the debt securities of that series to be due and payable immediately. If this happens, and we cure the event of default in the manner specified in the indenture, the holders of a majority of the aggregate outstanding principal amount of the debt securities of that series can void the acceleration of payment. (*Section 502*)

The indenture provides that the trustee has no obligation to exercise any of its rights at the direction of any holders, unless the holders offer the trustee reasonable indemnity. (*Section 603*) If they provide this indemnification, the holders of a majority in principal amount of any series of debt securities have the right to direct any proceeding, remedy, or power available to the trustee with respect to that series, subject to certain limitations. (*Section 512*)

Obligations Under the Indenture

Unless specified otherwise in the applicable prospectus supplement, the following covenants will apply to any series of debt securities issued under the indenture.

Limitations on Liens. The indenture restricts our ability to encumber specified types of our assets or those of our restricted subsidiaries. If we, or any restricted subsidiary, pledges or mortgages any principal property, or any stock or indebtedness of any restricted subsidiary, to secure any debt or guarantee of debt, then for as long as the debt or guarantee is secured by the property, we or our restricted subsidiary will be obligated to pledge or mortgage the same property to the trustee to secure the debt securities on an equal and ratable basis with such other secured debt, unless an exception applies. Restricted subsidiary means any of our direct or indirect subsidiaries that has substantially all of its assets located in the United States and carries on substantially all of its business in the United States, or that holds substantially all of its assets in the form of ownership of other restricted subsidiaries. Principal property means any manufacturing plant or facility located in the continental United States which is owned by us or any of our restricted subsidiaries, unless our board of directors determines the plant or facility is not of material importance to our total business and the business of our restricted subsidiaries.

This limitation is subject to exceptions. We may encumber our assets without equally and ratably securing the debt securities if the encumbrance is a permitted lien, without regard to the amount of debt secured by the encumbrance. We may also encumber assets if the amount of all of our debt and the debt of our restricted subsidiaries secured by encumbrances on any principal property, or any stock or indebtedness of any restricted subsidiary, other than the permitted liens, does not exceed the greater of \$1,000,000,000 or 10% of our consolidated net tangible assets. Consolidated net tangible assets means our total assets, including the assets of our subsidiaries, as reflected in our most recent balance sheet, less current liabilities (other than the current portion of debt and capital leases, notes and loans payable and deferred income taxes), goodwill, patents and trademarks and unamortized debt discount. Permitted liens include:

- liens on a corporation's property, stock or indebtedness at the time it becomes a restricted subsidiary;
- liens on property at the time we or a restricted subsidiary acquires the property;
- liens securing debt owing by a restricted subsidiary to us or another of our restricted subsidiaries;
- liens existing at the time the indenture became effective;
- liens on property of an entity at the time it is merged into or consolidated with us or a restricted subsidiary or at the time we or any restricted subsidiary acquires all or substantially all of the assets of the entity;
- liens in favor of any governmental customer to secure payments or performance pursuant to any contract or statute, or to secure indebtedness we incur or guarantee with respect to the acquisition or construction of the property subject to the liens; and
- any renewal, extension or replacement for any lien permitted by one of the exceptions described above. (Section 1009)

Limitations on Sale Leaseback Arrangements. The indenture also restricts our ability and the ability of any of our restricted subsidiaries to enter into sale-leaseback transactions with respect to any principal property. A sale-leaseback transaction is permitted if we or the restricted subsidiary would be permitted to incur indebtedness secured by the principal property at least equal in amount to the attributable debt with respect to the transaction, or the greater of the net proceeds of the sale or the attributable debt with respect to the transaction is used to prepay our long-term debt or the long-term debt of any restricted subsidiary (other than debt owed to us or another restricted subsidiary). Sale-leaseback transaction means, subject to some exceptions, an arrangement pursuant to which we, or a restricted subsidiary, transfers a principal property to a person and leases it back from that person. Attributable debt for a sale-leaseback transaction means the lesser of the fair market value of the property, as determined by our board of directors, or the present value of the obligation of the lessee for net rental payments during the remaining term of the lease. (Section 1010)

The indenture will not otherwise limit our ability to incur additional debt, except as otherwise described in a prospectus supplement.

Certain Other Covenants

The indenture contains certain other covenants, including among other things, maintenance of corporate existence and other properties and payment of taxes.

Consolidation, Merger or Sale

Under the indenture, we may not consolidate with or merge into another entity, transfer our assets substantially as an entirety to another entity, permit any entity to consolidate with or merge into us, or acquire the assets substantially as an entirety of another entity, unless:

- the successor entity is a U.S. entity that is a corporation, limited liability company, partnership or trust and assumes all of our obligations, as applicable, under the outstanding debt securities and the indenture;
- immediately following the transaction, no event of default and no event that, after notice or lapse of time or both, would become an event of default, has occurred and is continuing; and
- an officers' certificate and a legal opinion have been delivered to the trustee confirming that the transaction is being effected in compliance with the indenture. (Section 801)

Defeasance and Covenant Defeasance

Any series of issued debt securities may be subject to the defeasance and discharge provisions of the indenture. Under those provisions, the debt securities of any series may authorize us to elect:

- to defease and to discharge us from any and all of our obligations with respect to those debt securities, except for the rights of holders of those debt securities to receive payments on the securities solely from the trust fund established pursuant to the indenture and the obligations to exchange or register the transfer of the securities, to replace temporary or mutilated, destroyed, lost or stolen securities, to maintain an office or agency with respect to the securities and to hold moneys for payment in trust, which we refer to as a defeasance; or

- to be released from our obligations with respect to those debt securities to comply with the restrictive covenants which are subject to covenant defeasance, and the occurrence of certain events of default with respect to those restrictive covenants shall no longer be an event of default, which we refer to as a covenant defeasance. (*Sections 1302 and 1303*)

To invoke defeasance or covenant defeasance with respect to any series of debt securities, we must irrevocably deposit with a trustee, in trust, money or U.S. Government obligations, or both, which will provide money in an amount sufficient to pay all sums due on that series. (*Section 1304*)

As a condition to defeasance or covenant defeasance, we must deliver to the trustee an opinion of counsel stating that holders of the applicable debt securities will not recognize gain or loss for federal income tax purposes as a result of the defeasance or covenant defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if we did not elect the defeasance or covenant defeasance. We may exercise our defeasance option with respect to the securities notwithstanding our prior exercise of our covenant defeasance option. If we exercise our defeasance option, payment of the securities may not be accelerated by the reference to restrictive covenants which are subject to covenant defeasance. If we do not comply with our remaining obligations after exercising our covenant defeasance option and the securities are declared due and payable because of the occurrence of any event of default, the amount of money and U.S. Government obligations on deposit in the defeasance trust may be insufficient to pay amounts due on the securities at the time of the acceleration. However, we will remain liable for those payments. (*Sections 1302, 1303 and 1304*)

Changes to the Indenture

Holders who own more than a majority in principal amount of the outstanding debt securities of a series can agree with us to change the provisions of the indenture relating to that series. However, no change can affect the payment terms or the percentage required to change certain other terms without the consent of all holders of debt securities of the affected series. (*Section 902*)

We and the trustee may enter into supplemental indentures for other specified purposes and to make changes that would not materially adversely affect the interests of the holders of debt securities issued under the indenture, including the creation of any new series of debt securities, without the consent of all affected holders of those debt securities. (*Section 901*)

Governing Law

New York law will govern the indenture and the debt securities. (*Section 112*)

Trustee

The Bank of New York Mellon, as successor trustee to JPMorgan Chase Bank, serves as the trustee under the indenture. If we use a different trustee for any series of debt securities, we will inform you in a prospectus supplement. In the ordinary course of its business, The Bank of New York Mellon and its affiliates have engaged and may in the future engage in commercial and investment banking transactions with us.

DESCRIPTION OF COMMON STOCK

The following description of our common stock is only a summary. We encourage you to read our Amended and Restated Certificate of Incorporation, which has been filed with the SEC and is incorporated by reference into this prospectus.

As of the date of this prospectus, we are authorized to issue 800,000,000 shares of common stock, par value \$1.00 per share, and 10,000,000 shares of preferred stock, par value \$1.00 per share. As of March 7, 2023, 152,119,193 shares of common stock were outstanding and no shares of preferred stock were outstanding. The number of shares of common stock outstanding does not include shares issuable upon exercise of outstanding awards under our equity compensation plans. The common stock is listed on The New York Stock Exchange under the symbol "NOC".

Dividends. Dividends may be paid on the common stock and on any class or series of stock entitled to participate with the common stock as to dividends, but only when and as declared by our board of directors and only subject to the rights of any then-outstanding series of our preferred stock.

Voting Rights. Each holder of our common stock is entitled to one vote per share on all matters submitted to a vote of stockholders and does not have cumulative voting rights for the election of directors. Generally, a matter submitted for stockholder action shall be approved if the votes cast “for” the matter exceed the votes cast “against” such matter, unless a greater or different vote is required by statute, any applicable law or regulation, the rights of any authorized class of stock, or our charter or bylaws. Other than in a contested election where directors are elected by a plurality vote, a director nominee shall be elected to the board if the votes cast “for” such nominee’s election exceed the votes cast “against” such nominee’s election. Subject to any rights of the holders of any series of preferred stock pursuant to applicable law or the provision of the certificate of designations creating that series, all voting rights are vested in the holders of shares of our common stock.

Liquidation. If we liquidate, holders of common stock are entitled to receive all remaining assets available for distribution to stockholders after satisfaction of our liabilities and the preferential rights of any preferred stock that may be outstanding at that time.

Other Rights. Our outstanding common shares are fully paid and nonassessable. The holders of our common stock do not have any preemptive, conversion or redemption rights. There are no sinking fund provisions applicable to shares of our common stock.

Registrar and Transfer Agent. The registrar and transfer agent for our common stock is Computershare Investor Services.

Some Important Charter and Statutory Provisions:

“Blank Check” Preferred Stock. Our board of directors is authorized, without further action by our stockholders, to issue up to 10,000,000 shares of “blank check” preferred stock, par value \$1.00 per share, in one or more series, and to fix the designations, powers, preferences and the relative, participating, optional or other special rights and any qualifications, limitations and restrictions of the shares of each series of preferred stock. The issuance of preferred stock could impede the completion of a merger, tender offer or other takeover attempt.

Advance Notice Provisions. A stockholder must notify us in writing, within timeframes specified in the bylaws, of any stockholder nomination of a director and of any other business that the stockholder intends to bring at a meeting of stockholders.

Amendments to Bylaws. Our bylaws may be amended by our board of directors or by the affirmative vote of the holders of not less than a majority of the voting power of all outstanding shares of capital stock entitled to vote thereon, voting as a single class, and by the holders of any one or more classes or series of preferred stock entitled to vote thereon as a separate class.

Delaware Business Combination Statute. We are subject to the provisions of Section 203 of the Delaware General Corporation Law. In general, the statute prohibits a Delaware corporation that has either a class of stock listed on a national stock exchange or at least 2,000 stockholders of record from engaging in a business combination with an interested stockholder (generally, the beneficial owner of 15% or more of the corporation’s outstanding voting stock) for three years following the time the stockholder became an interested stockholder, unless, prior to that time: (1) the corporation’s board of directors approved either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder, (2) at least two-thirds of the outstanding shares not owned by that interested stockholder approve the business combination, or (3) upon becoming an interested stockholder, that stockholder owned at least 85% of the outstanding shares, excluding those held by officers, directors and some employee stock plans. A “business combination” includes a merger, asset sale, or other transaction resulting in a financial benefit, other than proportionately as a stockholder, to the interested stockholder.

PLAN OF DISTRIBUTION

We may sell the securities in one or more of the following ways from time to time:

- to or through underwriters or dealers;
- directly to one or more purchasers;
- through agents; or
- through a combination of any of these methods of sale.

In addition, we may issue the securities as a dividend or distribution or in a subscription rights offering to our existing security holders. This prospectus may be used in connection with any offering of our securities through any of these methods or other methods described in the applicable prospectus supplement.

We may effect the distribution of the securities from time to time in one or more transactions either:

- at a fixed price or prices which may be changed from time to time;
- at market prices prevailing at the time of sale;
- at prices relating to such prevailing market prices; or
- at negotiated prices.

Each prospectus supplement will describe the method of distribution of the securities and any applicable restrictions.

The prospectus supplement relating to an offering of offered securities will set forth the terms of such offering, including:

- the name or names of any underwriters, dealers or agents;
- the purchase price of the offered securities and the proceeds we will receive from the sale;
- any underwriting discounts and commissions or agency fees and other items constituting underwriters' or agents' compensation; and
- any initial public offering price, any discounts or concessions allowed or reallocated or paid to dealers and any securities exchanges on which such offered securities may be listed.

Any initial public offering prices, discounts or concessions allowed or reallocated or paid to dealers may be changed from time to time.

If underwriters are used in the sale, the underwriters will acquire the offered securities for their own account and may resell them 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. The offered securities may be offered either to the public through underwriting syndicates represented by one or more managing underwriters or by one or more underwriters without a syndicate. Unless otherwise set forth in a prospectus supplement, the obligations of the underwriters to purchase any series of securities will be subject to certain conditions precedent, and the underwriters will be obligated to purchase all of such series of securities, if any are purchased.

In connection with underwritten offerings of the offered securities and in accordance with applicable law and industry practice, underwriters may over-allot or effect transactions that stabilize, maintain or otherwise affect the market price of the offered securities at levels above those that might otherwise prevail in the open market, including by entering stabilizing bids, effecting syndicate covering transactions or imposing penalty bids, each of which is described below.

- A stabilizing bid means the placing of any bid, or the effecting of any purchase, for the purpose of pegging, fixing or maintaining the price of a security.
- A syndicate covering transaction means the placing of any bid on behalf of the underwriting syndicate or the effecting of any purchase to reduce a short position created in connection with the offering.
- A penalty bid means an arrangement that permits the managing underwriter to reclaim a selling concession from a syndicate member in connection with the offering when offered securities originally sold by the syndicate member are purchased in syndicate covering transactions.

These transactions may be effected on the NYSE, in the over-the-counter market, or otherwise. Underwriters are not required to engage in any of these activities, or to continue such activities if commenced.

If a dealer is used in the sale, we will sell such offered securities to the dealer, as principal. The dealer may then resell the offered securities to the public at varying prices to be determined by that dealer at the time for resale. The names of the dealers and the terms of the transaction will be set forth in the prospectus supplement relating to that transaction.

Offered securities may be sold directly by us to one or more institutional purchasers, or through agents designated by us from time to time, at a fixed price or prices, which may be changed, or at varying prices determined at the time of sale. Any agent involved in the offer or sale of the offered securities in respect of which this prospectus is delivered will be named, and any commission payable by us to such agent will be set forth, in the prospectus supplement relating to that offering. Unless otherwise indicated in such prospectus supplement, any such agent will be acting on a best efforts basis for the period of its appointment.

If we offer securities in a subscription rights offering to our existing security holders, we may enter into a standby underwriting agreement with dealers, acting as standby underwriters. We may pay the standby underwriters a commitment fee for the securities they commit to purchase on a standby basis. If we do not enter into a standby underwriting arrangement, we may retain a dealer-manager to manage a subscription rights offering for us.

Remarketing firms, underwriters, dealers, agents and other persons may be entitled under agreements entered into with us to indemnification by us against certain civil liabilities, including liabilities under the Securities Act, or to contribution with respect to payments that the underwriters, dealers or agents may be required to make in respect thereof. Underwriters, dealers and agents may be customers of, engage in transactions with, or perform services for us and our affiliates in the ordinary course of business.

If so indicated in the applicable prospectus supplement, we will authorize underwriters or other persons acting as our agents to solicit offers by certain institutions to purchase securities from us pursuant to delayed delivery contracts providing for payment and delivery on the date stated in the prospectus supplement. Each contract will be for an amount not less than, and the aggregate amount of securities sold pursuant to such contracts shall not be less nor more than, the respective amounts stated in the prospectus supplement. Institutions with whom the contracts, when authorized, may be made include commercial and savings banks, insurance companies, pension funds, investment companies, educational and charitable institutions and other institutions, but shall in all cases be subject to our approval. Delayed delivery contracts will not be subject to any conditions except that:

- the purchase by an institution of the securities covered under that contract shall not at the time of delivery be prohibited under the laws of the jurisdiction to which that institution is subject; and
- if the securities are also being sold to underwriters acting as principals for their own account, the underwriters shall have purchased such securities not sold for delayed delivery. The underwriters and other persons acting as our agents will not have any responsibility in respect of the validity or performance of delayed delivery contracts.

Certain agents, underwriters and dealers, and their associates and affiliates may be customers of, have borrowing relationships with, engage in other transactions with, and/or perform services, including investment banking services, for us or one or more of our respective affiliates in the ordinary course of business.

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

Under Rule 15c6-1 of the Exchange Act, trades in the secondary market generally are required to settle in two business days, unless the parties to any such trade expressly agree otherwise or the securities are sold by us to an underwriter in a firm commitment underwritten offering. The applicable prospectus supplement may provide that the original issue date for your securities may be more than two scheduled business days after the trade date for your securities. Accordingly, in such a case, if you wish to trade securities on any date prior to the second business day before the original issue date for your securities, you will be required, by virtue of the fact that your securities initially are expected to settle in more than two scheduled business days after the trade date for your securities, to make alternative settlement arrangements to prevent a failed settlement.

Each series of the debt securities issued hereunder will be a new issue of securities, will have no prior trading market, and may or may not be listed on a national securities exchange. Any underwriters to whom we sell debt securities for public offering and sale may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. We cannot assure you that there will be a market for the offered securities.

LEGAL MATTERS

Unless the applicable prospectus supplement indicates otherwise, Wilmer Cutler Pickering Hale and Dorr LLP, will issue an opinion about the validity of the senior debt securities and common stock. Underwriters, dealers or agents, who we will identify in a prospectus supplement may have their counsel opine about certain legal matters relating to the securities.

EXPERTS

The consolidated financial statements of Northrop Grumman Corporation and subsidiaries (the “Company”) as of December 31, 2022 and 2021, and for each of the three years in the period ended December 31, 2022, incorporated by reference in this Prospectus, and the effectiveness of the Company’s internal control over financial reporting have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports. Such financial statements are incorporated by reference in reliance upon the reports of such firm given their authority as experts in accounting and auditing.

NORTHROP GRUMMAN CORPORATION

**SENIOR DEBT SECURITIES
COMMON STOCK**

PROSPECTUS

March 13, 2023

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth the fees and expenses payable by us in connection with the sale of the offered securities being registered hereby, other than underwriting discounts and commissions.

| | Amount to be paid |
|--|--------------------------|
| SEC registration fee | \$ (1) |
| Printing and engraving | (2) |
| Accounting services | (2) |
| Legal fees of registrant's counsel | (2) |
| Transfer agent's, trustee's and depository's fees and expenses | (2) |
| Rating agency fees and expenses | (2) |
| Miscellaneous | (2) |
| Total | \$ (2) |

(1) Deferred in reliance upon Rules 456(b) and 457(r).

(2) These fees and expenses are calculated based on the securities offered and the number of issuances and accordingly are not estimated at this time.

Item 15. Indemnification of Directors and Officers.

Section 145 of the General Corporation Law of the State of Delaware ("DGCL") provides, generally, that a corporation shall have the power to 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 (except actions 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 against all expenses, judgments, fines and amounts paid in settlements actually and reasonably incurred by such person in connection with such action, suit or proceeding 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, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. In a derivative action, an action only by or in the right of the corporation, indemnification may be made only for expenses actually and reasonably incurred by directors and officers in connection with the defense or settlement of an action or suit, and only with respect to a matter as to which they shall have acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation. No indemnification shall be made if such person shall have been adjudged liable to the corporation, unless and only to the extent that the court in which the action or suit was brought shall determine upon application that the defendant officers or directors are fairly and reasonably entitled to indemnity for such expenses despite such adjudication of liability.

As permitted by Section 145 of the DGCL, Article FIFTEENTH of Northrop Grumman's Amended and Restated Certificate of Incorporation provides that a director of the Corporation shall not be personally liable to the Corporation or to its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the Corporation or to its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL, or (iv) for any transaction from which the director derives any improper personal benefit. If the DGCL is amended to authorize the further elimination or limitation of the liability of directors, then the liability of a director of the Corporation shall be eliminated or limited to the fullest extent permitted by the DGCL, as so amended.

Article V of Northrop Grumman's Amended and Restated Bylaws provides that the company will indemnify any person who was or is a party or is threatened to be made a party to any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that he or she is or was a director, officer elected by the board of directors ("elected officer") or employee of the company, or was serving at the request of the board of directors or elected officer of the company as a director, officer or employee of another corporation or of a partnership, joint venture, trust or other enterprise (any such person, an "indemnitee"), to the fullest extent permitted by the DGCL, as in effect from time to time, or by other applicable law as then in effect, against all expense, liability, and loss (including attorneys' fees, costs and charges, judgments, fines, ERISA excise taxes or penalties, penalties and amounts paid or to be paid in settlement) actually and reasonably incurred or suffered by that person in connection therewith. Indemnitees additionally have the right to be advanced their expenses incurred in defending or preparing for such a proceeding in advance of its final disposition, subject to an acceptable undertaking by the indemnitee to repay all amounts so advanced if it is ultimately determined that he or she is not entitled to be indemnified for those expenses. Northrop Grumman is not

obligated to make such advances in connection with a proceeding instituted by it against an indemnitee. The Bylaws further state that the indemnification provided therein is not exclusive of any other rights to which the indemnified person may be entitled and that no amendment to or repeal of the Bylaws would abrogate rights with respect to acts or omissions which already occurred.

Northrop Grumman has entered into an agreement with each of its directors and certain of its officers indemnifying them to the fullest extent permitted by the foregoing.

Northrop Grumman has also purchased director and officer liability insurance applicable to its directors and officers.

The foregoing represents a summary of the general effect of the DGCL, Northrop Grumman's Amended and Restated Bylaws, Amended and Restated Certificate of Incorporation, director and officer liability insurance coverage and the indemnification agreements for purposes of general description only.

Northrop Grumman may also enter into indemnification agreements with underwriters providing that underwriters have to indemnify and hold harmless Northrop Grumman, its directors, each officer who signed the registration statement and any person who controls Northrop Grumman within the meaning of the Securities Act, from and against certain civil liabilities, including liabilities under the Securities Act.

EXHIBIT INDEX

| <u>Exhibit No.</u> | <u>Description</u> | <u>Filed Herewith</u> | <u>Incorporated by Reference</u> | <u>Form</u> | <u>Date Filed with SEC</u> | <u>Exhibit No.</u> |
|--------------------|---|-----------------------|----------------------------------|-------------|----------------------------|--------------------|
| 1 (a) | Form of Underwriting Agreement – Senior Debt Securities | | † | | | |
| 1 (b) | Form of Underwriting Agreement – Common Stock | | † | | | |
| 4 (a) | Amended and Restated Certificate of Incorporation of Northrop Grumman Corporation dated May 29, 2012 | | × | 10-Q | July 25, 2012 | 3.1 |
| 4 (b) | Amended and Restated Bylaws of Northrop Grumman Corporation dated December 4, 2018 | | × | 8-K | Dec. 10, 2018 | 3.1 |
| 4 (c) | Indenture dated as of November 21, 2001, between Northrop Grumman Corporation and The Bank of New York Mellon (as successor trustee to JPMorgan Chase Bank), as trustee, relating to Senior Debt Securities | | × | 8-K | Nov. 21, 2001 | 4.1 |
| 4 (d) | Form of Senior Debt Security (1) | | | | | |
| 4 (e) | First Supplemental Indenture dated as of July 30, 2009, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | July 30, 2009 | 4(a) |
| 4 (f) | Second Supplemental Indenture dated as of November 8, 2010, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | Nov. 8, 2010 | 4(a) |
| 4 (g) | Third Supplemental Indenture dated as of March 30, 2011, by and among Titan II, Inc. (formerly known as Northrop Grumman Corporation), The Bank of New York Mellon, as successor trustee, and Titan Holdings II, L.P., to Indenture dated as of November 21, 2001 | | × | 10-Q | April 27, 2011 | 4.9 |
| 4 (h) | Fourth Supplemental Indenture dated as of March 30, 2011, by and among Titan Holdings II, L.P., The Bank of New York Mellon, as successor trustee, and Northrop Grumman Corporation (formerly known as New P, Inc.), to Indenture, dated as of November 21, 2001 | | × | 10-Q | April 27, 2011 | 4.10 |
| 4 (i) | Fifth Supplemental Indenture dated as of May 31, 2013, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | May 31, 2013 | 4(a) |
| 4 (j) | Sixth Supplemental Indenture, dated as of February 6, 2015, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor to JPMorgan Chase Bank, Trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | Feb. 6, 2015 | 4.1 |

| <u>Exhibit No.</u> | <u>Description</u> | <u>Filed Herewith</u> | <u>Incorporated by Reference</u> | <u>Form</u> | <u>Date Filed with SEC</u> | <u>Exhibit No.</u> |
|--------------------|---|-----------------------|----------------------------------|-------------|----------------------------|--------------------|
| 4 (k) | Seventh Supplemental Indenture, dated as of December 1, 2016, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor to JPMorgan Chase Bank, Trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | Dec. 1, 2016 | 4.1 |
| 4 (l) | Eighth Supplemental Indenture, dated as of October 13, 2017, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor to JPMorgan Chase Bank, Trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | Oct. 13, 2017 | 4.1 |
| 4 (m) | Ninth Supplemental Indenture, dated as of March 23, 2020, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor to JPMorgan Chase Bank, Trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | March 24, 2020 | 4.1 |
| 4 (n) | Tenth Supplemental Indenture, dated as of September 2, 2021, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor to JPMorgan Chase Bank, Trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | Sept. 3, 2021 | 4.1 |
| 4 (o) | Eleventh Supplemental Indenture, dated as of February 8, 2023, between Northrop Grumman Corporation and The Bank of New York Mellon, as successor to JPMorgan Chase Bank, Trustee, to Indenture dated as of November 21, 2001 | | × | 8-K | Feb. 8, 2023 | 4.1 |
| 5 (a) | Opinion of Wilmer Cutler Pickering Hale and Dorr LLP | × | | | | |
| 23 (a) | Consent of Deloitte & Touche LLP, an independent registered public accounting firm | × | | | | |
| 23 (b) | Consent of Wilmer Cutler Pickering Hale and Dorr LLP | × | (2) | | | |
| 24 (a) | Power of Attorney – Northrop Grumman Corporation Directors | (3) | | | | |
| 25 (a) | Statement of Eligibility on Form T-1 of The Bank of New York Mellon to act as trustee under the Northrop Grumman Corporation Indenture | × | | | | |
| 107 | Filing Fee Table | × | | | | |

† To be filed by amendment hereto or on a current report on Form 8-K to be incorporated herein by reference.

(1) Included in Exhibit 4(c) on pages 13-19.

(2) Included in Exhibit 5(a).

(3) Included on page II-8.

Item 17. Undertakings.

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 this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in 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; and

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

provided, however, that paragraphs (1)(i), (1)(ii) and (1)(iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by a registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), that are incorporated by reference in this registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of this 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 the 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.
- (4) That, for the purpose of determining liability under the Securities Act to any purchaser:
 - (i) each prospectus filed by a registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
 - (ii) each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.
- (5) That, for the purpose of determining liability of a registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of such undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, such undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
 - (i) any preliminary prospectus or prospectus of such undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
 - (ii) any free writing prospectus relating to the offering prepared by or on behalf of such undersigned registrant or used or referred to by such undersigned registrant;
 - (iii) the portion of any other free writing prospectus relating to the offering containing material information about such undersigned registrant or its securities provided by or on behalf of such undersigned registrant; and
 - (iv) any other communication that is an offer in the offering made by such undersigned registrant to the purchaser.
- (6) 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 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 this 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.

-
- (7) That, for purposes of determining any liability under the Securities Act:
- (i) the information omitted from the form of prospectus filed as part of the registration statement in reliance upon Rule 430A and contained in the form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of the registration statement as of the time it was declared effective; and
 - (ii) each post-effective amendment that contains a form of prospectus 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.
- (8) To file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act in accordance with the rules and regulations prescribed by the Commission under Section 305(b)(2) of the Trust Indenture Act.

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 indemnification provisions described herein, or otherwise, the registrant has been advised that in the opinion of the 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 such 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, such 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, as amended, the registrant 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 City of Falls Church, State of Virginia, on March 13, 2023.

NORTHROP GRUMMAN CORPORATION

By: /s/ Jennifer C. McGarey

Name: Jennifer C. McGarey

Title: Corporate Vice President and Secretary

SIGNATURES AND POWER OF ATTORNEY

We, the undersigned officers and directors of Northrop Grumman Corporation hereby severally constitute and appoint Sheila C. Cheston and Jennifer C. McGarey, and each of them singly, our true and lawful attorneys with full power to any of them, and to each of them singly, 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 amendments (including post-effective amendments) to said Registration Statement and generally to do all such things in our name and behalf in our capacities as officers and directors to enable Northrop Grumman Corporation to comply with the provisions of the Securities Act of 1933, as amended, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signatures as they may be signed by our said attorneys, or any of them, to said Registration Statement and any and all amendments (including post-effective amendments) thereto.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

| <u>Signature</u> | <u>Title</u> | <u>Date</u> |
|---|--|----------------|
| <u>/s/ Kathy J. Warden</u> Kathy J. Warden | Chair, Chief Executive Officer and President (Principal Executive Officer) and Director | March 13, 2023 |
| <u>/s/ David F. Keffer</u> David F. Keffer | Corporate Vice President and Chief Financial Officer (Principal Financial Officer) | March 13, 2023 |
| <u>/s/ Michael A. Hardesty</u> Michael A. Hardesty | Corporate Vice President, Controller and Chief Accounting Officer (Principal Accounting Officer) | March 13, 2023 |
| <u>/s/ David P. Abney</u> David P. Abney | Director | March 13, 2023 |
| <u>/s/ Marianne C. Brown</u> Marianne C. Brown | Director | March 13, 2023 |
| <u>/s/ Donald E. Felsing</u> Donald E. Felsing | Director | March 13, 2023 |
| <u>/s/ Ann M. Fudge</u> Ann M. Fudge | Director | March 13, 2023 |
| <u>/s/ Madeleine A. Kleiner</u> Madeleine A. Kleiner | Director | March 13, 2023 |
| <u>/s/ Karl J. Krapek</u> Karl J. Krapek | Director | March 13, 2023 |
| <u>/s/ Arvind Krishna</u> Arvind Krishna | Director | March 13, 2023 |
| <u>/s/ Graham N. Robinson</u> Graham N. Robinson | Director | March 13, 2023 |
| <u>/s/ Gary Roughead</u> Gary Roughead | Director | March 13, 2023 |
| <u>/s/ Thomas M. Schoewe</u> Thomas M. Schoewe | Director | March 13, 2023 |
| <u>/s/ James S. Turley</u> James S. Turley | Director | March 13, 2023 |

| Signature | Title | Date |
|--|--------------|----------------|
| /s/ Mark A. Welsh, III Mark A. Welsh, III | Director | March 13, 2023 |

March 13, 2023

Northrop Grumman Corporation
2980 Fairview Park Drive
Falls Church, Virginia 22042

Re: Registration Statement on Form S-3

Ladies and Gentlemen:

This opinion is furnished to you in connection with a Registration Statement on Form S-3 (the "Registration Statement") filed by Northrop Grumman Corporation, a Delaware corporation (the "Company"), with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act"), for the registration of the following securities of the Company (the "Securities"):

- (i) senior debt securities (the "Senior Debt Securities"); and
- (ii) common stock, par value \$1.00 per share (the "Common Stock");

all of which may be issued from time to time on a delayed or continuous basis pursuant to Rule 415 under the Securities Act at an indeterminate aggregate offering price, as set forth in the Registration Statement, the base prospectus contained therein (the "Prospectus") and any amendments or supplements thereto.

We are acting as counsel for the Company in connection with the filing of the Registration Statement. The Senior Debt Securities may be issued pursuant to the Indenture dated as of November 21, 2001, between the Company and The Bank of New York Mellon Trust Company, N.A. ("Trustee"), as trustee (as amended and/or supplemented from time to time, the "Indenture"), which has been duly qualified under the Trust Indenture Act of 1939, as amended (the "Trust Indenture Act").

We have examined and relied upon signed copies of the Registration Statement as filed with the Commission, including the exhibits thereto. We have also examined and relied upon the Amended and Restated Certificate of Incorporation of the Company (as amended or restated from time to time, the "Certificate of Incorporation"), the Amended and Restated Bylaws of the Company (as amended or restated from time to time, the "Bylaws"), minutes of meetings of the stockholders and the Board of Directors of the Company as provided to us by the Company and such other documents, corporate records, certificates of public officials and other instruments as we have deemed necessary or advisable for the purpose of rendering this opinion.

Wilmer Cutler Pickering Hale and Dorr LLP, 2100 Pennsylvania Avenue NW, Washington DC 20037

Beijing Berlin Boston Brussels Denver Frankfurt London Los Angeles New York Palo Alto San Francisco Washington

Northrop Grumman Corporation

March 13, 2023

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In our examination of the foregoing documents, we have assumed the genuineness of all signatures, the legal capacity of all signatories, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as copies, the authenticity of such original documents and the completeness and accuracy of the corporate minute books of the Company.

We have relied as to certain matters on information obtained from public officials and officers of the Company, and we have assumed that (i) the Registration Statement will be effective and will comply with all applicable laws at the time Securities are offered or issued as contemplated by the Registration Statement; (ii) one or more prospectus supplements and term sheets, as applicable, will have been prepared and filed with the Commission describing the Securities offered thereby; (iii) all Securities will be issued and sold in compliance with applicable federal and state securities laws and in the manner stated in the Registration Statement, the Prospectus, and the applicable prospectus supplement; (iv) in the case of the Senior Debt Securities, (a) the Indenture has been duly authorized, executed and delivered by the Trustee in substantially the form filed as Exhibit 4(c) to the Registration Statement, (b) the Trustee will be duly eligible to serve as trustee, and (c) the Senior Debt Securities will be duly authenticated by the Trustee named in the Indenture; (v) a definitive purchase, underwriting or similar agreement (a "Purchase Agreement") with respect to any Securities offered will be duly authorized, executed and delivered by all parties thereto other than the Company; (vi) any Securities issuable upon conversion, exchange or exercise of any Security being offered will be duly authorized, created and, if appropriate, reserved for issuance upon such conversion, exchange or exercise; (vii) with respect to shares of Common Stock offered, there will be sufficient shares of Common Stock authorized under the Certificate of Incorporation and not otherwise reserved for issuance; (viii) if issued in certificated form, valid book-entry notations for the issuance of the Common Stock will have been duly made in the share register of the Company; and (ix) at the time of the issuance and sale of the Securities, the Company will be validly existing as a corporation and in good standing under the laws of the State of Delaware.

We are expressing no opinion herein as to the application of any federal or state law or regulation to the power, authority or competence of any party to any agreement with respect to any of the Securities other than the Company. We have assumed that such agreements are, or will be, the valid and binding obligations of each party thereto other than the Company, and enforceable against each such other party in accordance with their respective terms.

We have assumed for purposes of our opinions below that no authorization, approval or other action by, and no notice to or filing with, any governmental authority or regulatory body or any other third party is required for the due execution, delivery or performance by the Company or, if any such authorization, approval, consent, action, notice or filing is required, it will have been duly obtained, taken, given or made and will be in full force and effect. We have also assumed that there will not have occurred, prior to the date of issuance of the Securities, any

Northrop Grumman Corporation

March 13, 2023

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change in law affecting the validity or enforceability of such Securities and that at the time of the issuance and sale of such Securities, the Board of Directors of the Company (or any committee of the Board of Directors or any person acting pursuant to authority properly delegated to such person by the Board of Directors of the Company or any committee of such Board of Directors) shall not have taken any action to rescind or otherwise reduce its prior authorization of the issuance of such Securities. We have also assumed that the execution and delivery by the Company of the Indenture and the Securities, and the performance by the Company of its obligations thereunder, do not and will not violate, conflict with or constitute a default under (i) any agreement or instrument to which the Company or any of its properties is then subject, (ii) any law, rule, or regulation to which the Company or any of its properties is then subject or (iii) any judicial or regulatory order or decree of any governmental authority.

Our opinions below are qualified to the extent that they may be subject to or affected by (i) applicable bankruptcy, insolvency, reorganization, moratorium, usury, fraudulent conveyance, fraudulent transfer or similar laws relating to or affecting the rights or remedies of creditors generally; (ii) duties and standards imposed on creditors and parties to contracts, including, without limitation, requirements of materiality, good faith, reasonableness and fair dealing; (iii) general equitable principles; and (iv) acceleration of the Senior Debt Securities which may affect the collectability of that portion of the stated principal amount thereof that might be determined to constitute unearned interest thereon. Furthermore, we express no opinion as to the availability of any equitable or specific remedy upon any breach of any of the agreements as to which we are opining herein, or any of the agreements, documents or obligations referred to therein, or to the successful assertion of any equitable defenses, inasmuch as the availability of such remedies or the success of any equitable defenses may be subject to the discretion of a court. We express no opinion herein as to the laws of any state or jurisdiction other than the state laws of the State of New York and the General Corporation Law of the State of Delaware. We also express no opinion herein with respect to compliance by the Company with the securities or "blue sky" laws of any state or other jurisdiction of the United States or of any foreign jurisdiction. We express no opinion and make no statement herein with respect to the antifraud laws of any jurisdiction.

We also express no opinion herein as to any provision of any agreement (i) that may be deemed to or construed to waive any right of the Company, (ii) to the effect that rights and remedies are not exclusive, that every right or remedy is cumulative and may be exercised in addition to or with any other right or remedy and does not preclude recourse to one or more other rights or remedies, (iii) relating to the effect of invalidity or unenforceability of any provision of any agreement on the validity or enforceability of any other provision thereof, (iv) that is in violation of public policy, (v) relating to indemnification and contribution with respect to securities law matters, (vi) which provides that the terms of any agreement may not be waived or modified except in writing, (vii) purporting to indemnify any person against his, her or its own

negligence or intentional misconduct, (viii) requiring the payment of penalties, consequential damages or liquidated damages or limiting a party's recovery of certain damages or losses, (ix) purporting to establish evidentiary standards or regarding standards for exercising rights and remedies or (x) relating to choice of law or consent to jurisdiction.

Based upon and subject to the foregoing, we are of the opinion that:

1. With respect to the Senior Debt Securities, when (i) specifically authorized for issuance by proper action of the Company's Board of Directors or an authorized committee thereof (the "Authorizing Resolutions"), (ii) the terms of the Senior Debt Securities and of their issuance and sale have been duly established in conformity with the applicable Indenture and the Authorizing Resolutions and assuming such terms and sale do not violate any applicable law or result in a default under or breach of any agreement or instrument binding upon the Company and comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company, (iii) such Senior Debt Securities have been duly executed by the Company and authenticated by the Trustee in accordance with the Indenture and delivered and sold as contemplated by the Registration Statement, the Prospectus and any applicable prospectus supplement in accordance with the applicable Purchase Agreement against payment therefor, and (iv) the Company has received the consideration provided for in the Authorizing Resolutions and the applicable Purchase Agreement, such Senior Debt Securities will constitute valid and binding obligations of the Company enforceable against the Company in accordance with their terms.

2. With respect to the Common Stock, when (i) specifically authorized for issuance by the Authorizing Resolutions, (ii) the terms of the issuance and sale of the Common Stock have been duly established in conformity with the Certificate of Incorporation, Bylaws and Authorizing Resolutions, (iii) the shares of Common Stock have been issued and delivered as contemplated by the Registration Statement, the Prospectus and any applicable prospectus supplement in accordance with the applicable Purchase Agreement or upon conversion or exercise of any Security offered under the Registration Statement against payment therefor, and (iv) the Company has received the consideration provided for in the Authorizing Resolutions and the applicable Purchase Agreement and such consideration per share is not less than the par value per share of the Common Stock, the Common Stock will be validly issued, fully paid and non-assessable.

Please note that we are opining only as to the matters expressly set forth herein, and no opinion should be inferred as to any other matters. This opinion is based upon currently existing statutes, rules, regulations and judicial decisions, and we disclaim any obligation to advise you of any change in any of these sources of law or subsequent legal or factual developments which might affect any matters or opinions set forth herein.

Northrop Grumman Corporation
March 13, 2023
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We hereby consent to the filing of this opinion with the Commission as an exhibit to the Registration Statement in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act and to the use of our name therein, in the related Prospectus and in any prospectus supplement under the caption "Legal Matters." In giving such consent, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission.

Very truly yours,

/s/ WILMER CUTLER PICKERING HALE AND DORR LLP



Deloitte & Touche LLP
Suite 800
7900 Tysons One Place
McLean, VA 22102
USA
www.deloitte.com

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement on Form S-3 of our reports dated January 25, 2023, relating to the consolidated financial statements of Northrop Grumman Corporation and subsidiaries, and the effectiveness of Northrop Grumman Corporation and subsidiaries' internal control over financial reporting, appearing in the Annual Report on Form 10-K of Northrop Grumman Corporation for the year ended December 31, 2022. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ DELOITTE & TOUCHE LLP

McLean, Virginia

March 13, 2023

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

FORM T-1

**STATEMENT OF ELIGIBILITY
UNDER THE TRUST INDENTURE ACT OF 1939
OF A CORPORATION DESIGNATED TO ACT AS TRUSTEE**

- CHECK IF AN APPLICATION TO DETERMINE ELIGIBILITY OF A TRUSTEE PURSUANT TO SECTION 305(b)(2)**
-

THE BANK OF NEW YORK MELLON

(Exact name of trustee as specified in its charter)

New York
(Jurisdiction of incorporation
if not a U.S. national bank)

240 Greenwich Street, New York, N.Y.
(Address of principal executive offices)

13-5160382
(I.R.S. employer
identification no.)

10286
(Zip code)

Northrop Grumman Corporation
(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

2980 Fairview Park Drive
Falls Church, Virginia
(Address of principal executive offices)

80-0640649
(I.R.S. employer
identification no.)

22042
(Zip code)

Senior Debt Securities
(Title of the indenture securities)

1. General information. Furnish the following information as to the Trustee:

(a) Name and address of each examining or supervising authority to which it is subject.

| <u>Name</u> | <u>Address</u> |
|---|---|
| Superintendent of the Department of Financial Services of the State of New York | One State Street, New York, N.Y. 10004-1417, and Albany, N.Y. 12223 |
| Federal Reserve Bank of New York | 33 Liberty Street, New York, N.Y. 10045 |
| Federal Deposit Insurance Corporation | 550 17 th Street, NW Washington, D.C. 20429 |
| The Clearing House Association L.L.C. | 100 Broad Street New York, N.Y. 10004 |

(b) Whether it is authorized to exercise corporate trust powers.

Yes.

2. Affiliations with Obligor.

If the obligor is an affiliate of the trustee, describe each such affiliation.

None.

16. List of Exhibits.

Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a-29 under the Trust Indenture Act of 1939 (the "Act").

1. A copy of the Organization Certificate of The Bank of New York Mellon (formerly known as The Bank of New York, itself formerly Irving Trust Company) as now in effect, which contains the authority to commence business and a grant of powers to exercise corporate trust powers. (Exhibit 1 to Amendment No. 1 to Form T-1 filed with Registration Statement No. 33-6215, Exhibits 1a and 1b to Form T-1 filed with Registration Statement No. 33-21672, Exhibit 1 to Form T-1 filed with Registration Statement No. 33-29637, Exhibit 1 to Form T-1 filed with Registration Statement No. 333-121195 and Exhibit 1 to Form T-1 filed with Registration Statement No. 333-152735).

4. A copy of the existing By-laws of the Trustee (Exhibit 4 to Form T-1 filed with Registration Statement No. 333-261533).
6. The consent of the Trustee required by Section 321(b) of the Act (Exhibit 6 to Form T-1 filed with Registration Statement No. 333-229519).
7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.

SIGNATURE

Pursuant to the requirements of the Act, the Trustee, The Bank of New York Mellon, a corporation organized and existing under the laws of the State of New York, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of New York, and State of New York, on the 10th day of March, 2023.

THE BANK OF NEW YORK MELLON

By: /s/ Francine Kincaid

Name: Francine Kincaid

Title: Vice President

Consolidated Report of Condition of
THE BANK OF NEW YORK MELLON
of 240 Greenwich Street, New York, N.Y. 10286

And Foreign and Domestic Subsidiaries, a member of the Federal Reserve System, at the close of business December 31, 2022, published in accordance with a call made by the Federal Reserve Bank of this District pursuant to the provisions of the Federal Reserve Act.

| ASSETS | Dollar amounts in thousands |
|--|-----------------------------|
| Cash and balances due from depository institutions: | |
| Noninterest-bearing balances and currency and coin | 4,164,000 |
| Interest-bearing balances | 101,356,000 |
| Securities: | |
| Held-to-maturity securities | 56,192,000 |
| Available-for-sale debt securities | 86,291,000 |
| Equity securities with readily determinable fair values not held for trading | 1,000 |
| Federal funds sold and securities purchased under agreements to resell: | |
| Federal funds sold in domestic offices | 0 |
| Securities purchased under agreements to resell | 10,070,000 |
| Loans and lease financing receivables: | |
| Loans and leases held for sale | 0 |
| Loans and leases held for investment | 31,535,000 |
| LESS: Allowance for loan and lease losses | 154,000 |
| Loans and leases held for investment, net of allowance | 31,381,000 |
| Trading assets | 4,906,000 |
| Premises and fixed assets (including capitalized leases) | 2,810,000 |
| Other real estate owned | 2,000 |
| Investments in unconsolidated subsidiaries and associated companies | 1,286,000 |
| Direct and indirect investments in real estate ventures | 0 |
| Intangible assets | 6,937,000 |
| Other assets | 19,250,000 |
| Total assets | 324,646,000 |

LIABILITIES

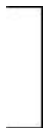
| | |
|---|--------------------|
| Deposits: | |
| In domestic offices | 181,486,000 |
| Noninterest-bearing | 76,243,000 |
| Interest-bearing | 105,243,000 |
| In foreign offices, Edge and Agreement subsidiaries, and IBFs | 100,047,000 |
| Noninterest-bearing | 5,807,000 |
| Interest-bearing | 94,240,000 |
| Federal funds purchased and securities sold under agreements to repurchase: | |
| Federal funds purchased in domestic offices | 0 |
| Securities sold under agreements to repurchase | 3,887,000 |
| Trading liabilities | 2,867,000 |
| Other borrowed money: | |
| (includes mortgage indebtedness and obligations under capitalized leases) | 1,171,000 |
| Not applicable | |
| Not applicable | |
| Subordinated notes and debentures | 0 |
| Other liabilities | 8,438,000 |
| Total liabilities | <u>297,896,000</u> |
| EQUITY CAPITAL | |
| Perpetual preferred stock and related surplus | 0 |
| Common stock | 1,135,000 |
| Surplus (exclude all surplus related to preferred stock) | 11,968,000 |
| Retained earnings | 18,016,000 |
| Accumulated other comprehensive income | -4,369,000 |
| Other equity capital components | 0 |
| Total bank equity capital | 26,750,000 |
| Noncontrolling (minority) interests in consolidated subsidiaries | 0 |
| Total equity capital | <u>26,750,000</u> |
| Total liabilities and equity capital | <u>324,646,000</u> |

I, Dermot McDonogh, Chief Financial Officer of the above-named bank do hereby declare that this Report of Condition is true and correct to the best of my knowledge and belief.

Dermot McDonogh
Chief Financial Officer

We, the undersigned directors, attest to the correctness of this statement of resources and liabilities. We declare that it has been examined by us, and to the best of our knowledge and belief has been prepared in conformance with the instructions and is true and correct.

Robin A. Vince
Frederick O. Terrell
Joseph J. Echevarria



Directors

Calculation of Filing Fee Tables

Form S-3
(Form Type)

Northrop Grumman Corporation
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

| | Security Type | Security Class Title | Fee Calculation or Carry Forward Rule | Amount Registered | Proposed Maximum Offering Price Per Unit | Maximum Aggregate Offering Price | Fee Rate | Amount of Registration Fee | Carry Forward Form Type | Carry Forward File Number | Carry Forward Initial Effective Date | Filing Fee Previously Paid in Connection with Unsold Securities to Be Carried Forward |
|------------------------------------|----------------------------|--|---------------------------------------|-------------------|--|----------------------------------|----------|----------------------------|-------------------------|---------------------------|--------------------------------------|---|
| Newly Registered Securities | | | | | | | | | | | | |
| Fees to Be Paid | Debt | Senior Debt Securities | 457(r) | (1) | (1) | (1) | (2) | (2) | | | | |
| Fees to Be Paid | Equity | Common Stock, par value \$1.00 per share | 457(r) | (1) | (1) | (1) | (2) | (2) | | | | |
| Fees Previously Paid | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | | |
| Carry Forward Securities | | | | | | | | | | | | |
| Carry Forward Securities | N/A | N/A | N/A | N/A | | N/A | | | N/A | N/A | N/A | N/A |
| | Total Offering Amounts | | | | | N/A | | | | | | |
| | Total Fees Previously Paid | | | | | N/A | | | | | | |
| | Total Fee Offsets | | | | | N/A | | | | | | |
| | Net Fee Due | | | | | N/A | | | | | | |

- (1) An indeterminate amount of the securities of each identified class is being registered as may from time to time be offered hereunder at indeterminate prices, along with an indeterminate number of securities that may be issued upon exercise, settlement, exchange or conversion of securities offered or sold hereunder or that are represented by depository shares. Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), this registration statement also covers any additional securities that may be offered or issued in connection with any stock split, stock dividend or pursuant to the anti-dilution provisions of any of the securities. Separate consideration may or may not be received for securities that are issuable upon conversion, exercise or exchange of other securities.
- (2) In accordance with Securities Act Rules 456(b) and 457(r), the registrant is deferring payment of all registration fees and will pay the registration fees subsequently in advance or on a "pay-as-you-go" basis.