



Northrop Grumman Corporation (NOC)

Updated August 3rd, 2024 by Prakash Kolli

Key Metrics

Current Price:	\$495	5 Year CAGR Estimate:	4.6%	Market Cap:	\$72.33B
Fair Value Price:	\$427	5 Year Growth Estimate:	6.0%	Ex-Dividend Date:	08/25/24 ¹
% Fair Value:	116%	5 Year Valuation Multiple Estimate:	-2.9%	Dividend Payment Date:	09/13/24
Dividend Yield:	1.7%	5 Year Price Target	\$571	Years Of Dividend Growth:	21
Dividend Risk Score:	A	Retirement Suitability Score:	C	Rating:	Hold

Overview & Current Events

Northrop Grumman Corporation is one of the five largest US aerospace and defense contractors based on revenue. The company reports four business segments: Aeronautics Systems (aircraft and UAVs), Mission Systems (radars, sensors and systems for surveillance and targeting), Defense Systems (sustainment and modernization, directed energy, tactical weapons), and Space Systems (missile defense, space systems, hypersonics and space launchers). Northrop Grumman completed its acquisition of Orbital ATK in 2018 and divested IT Services in 2021. Northrop Grumman makes the B-2 Spirit, E-2D, E-8C, RQ-4 Global Hawk, MQ-4C Triton, and MQ-8B/C Fire Scout. The company also provides content on the F-35 and F/A-18. It won the contract for the B-21 Raider. The company had revenue of over \$39.3B in 2023.

Northrop Grumman reported excellent results for Q2 FY 2024 on July 25th, 2024. Companywide revenue increased 7% to \$10,218M from \$9,576M and diluted earnings per share rose 19% to \$6.36 from \$5.34 on a year-over-year basis because of higher sales, pension gains, but higher interest expense.

Revenue for Aeronautics Systems rose 14% to \$2,963M from \$2,595M in the prior year due to higher volumes in restricted, Triton, and F-35 programs. Revenue for Defense Systems grew 7% to \$1,513M from \$1,420M in comparable quarters due to higher sales in GMLRS, SiAW, IBCS, and ammunition programs. Revenue for Mission Systems increased 5% to \$2,773M in the quarter from \$2,641 in the prior year due to higher volumes on advanced microelectronics, SEWIP, and G/ATOR programs offset by lower F-35 volumes. Revenue for Space Systems increased 2% to \$3,573M in Q1 2024 from \$3,488M in Q1 2023 from higher sales in SDA, HALO, and GEM 63 programs offset by lower Space restricted volumes.

The total backlog is a record ~\$83.1B at the end of the quarter of which \$38.4B is funded. The firm won \$15.1B in contract awards in the quarter.

The company guided for \$41.0B to \$41.4B in sales and \$24.90 to \$25.30 earnings per share in 2024.

Growth on a Per-Share Basis

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2029
EPS	\$9.75	\$10.39	\$12.19	\$11.47	\$21.33	\$21.21	\$23.65	\$25.63	\$25.54	\$23.29	\$25.10	\$33.59
DPS	\$2.71	\$3.10	\$3.50	\$3.90	\$4.70	\$5.16	\$5.67	\$6.28	\$6.76	\$7.34	\$8.25	\$11.04
Shares²	198	181	175	174	171	167	167	156	153	150	147	133

Northrop Grumman's earnings have increased substantially over time driven by top line growth from contract wins, modernization and upgrades, services, and acquisitions. A significant reduction in the share count has helped drive earnings per share gains as well. Looking forward, the company will achieve both revenue and EPS growth through its involvement in the F-35, B-2, E2-2D, B-21, and space platforms. We again reduced our estimate of average annual EPS growth to 6% out to 2029 due to slowing growth and higher costs. Northrop Grumman has paid a growing dividend for 20 years. However, we have reduced our expected growth rate to 6%, matching that of EPS.

¹ Estimated based on prior years. Northrop Grumman has not yet announced the next quarterly dividend.

² Share count in millions.

Disclosure: This analyst has no position in the security discussed in this research report, and no plans to initiate one in the next 72 hours.



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Valuation Analysis

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Now	2029
Avg. P/E	12.9	16.1	17.4	23.0	16.8	17.9	13.8	13.6	18.3	20.1	19.7	17.0
Avg. Yld.	2.1%	1.9%	1.6%	1.5%	1.7%	1.7%	1.7%	1.8%	1.4%	1.6%	1.7%	1.8%

Northrop Grumman's stock price is up appreciably since our last report because of another excellent quarter. We updated our 2024 earnings estimate to the mid-point of guidance. The stock trades higher than our fair value multiple of 17X, the trailing 10-year average. Our current fair value is now \$427. Our current 5-year price target is now \$571.

Safety, Quality, Competitive Advantage, & Recession Resiliency

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2029
Payout	28%	30%	29%	34%	25%	24%	24%	25%	26%	32%	33%	33%

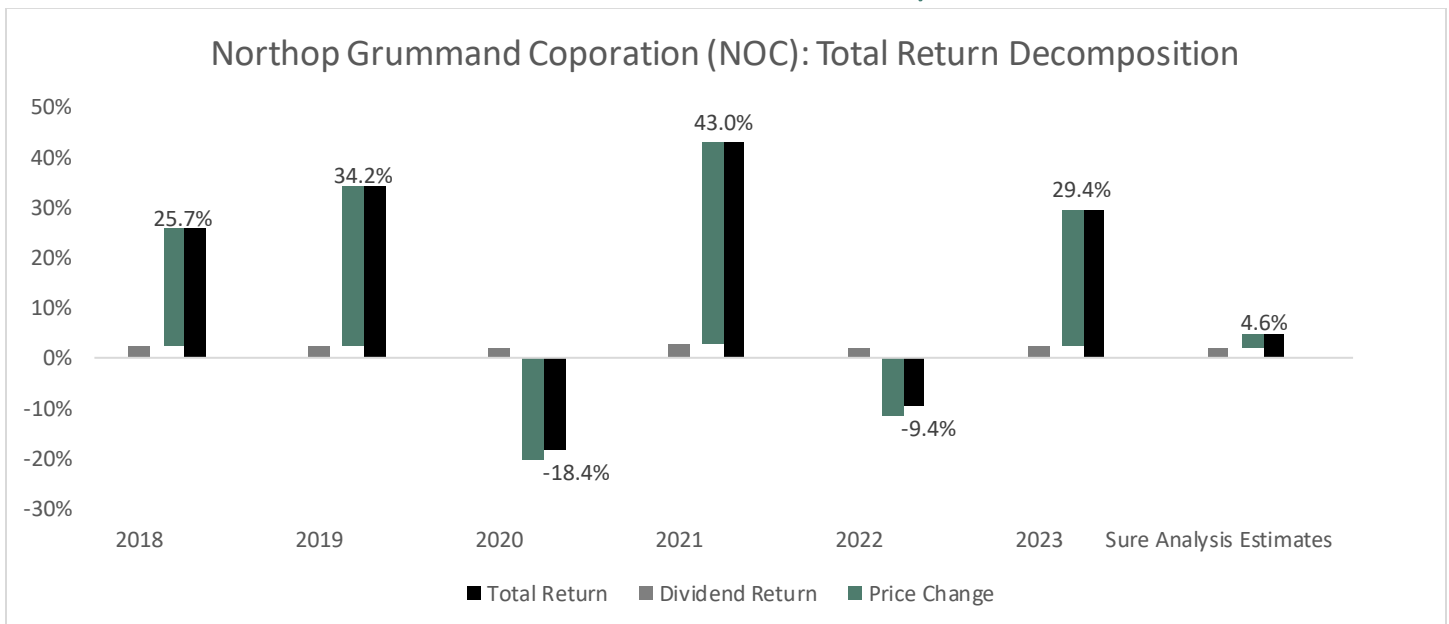
As a prime US defense contractor, Northrop Grumman has an entrenched position in many of its end markets. Of note are the B-2, B-21, E-2D, E-8C, Global Hawk and Triton platforms. Few companies have the technical expertise and classified workforce to build these platforms. In addition, these platforms have decades long life cycles and Northrop Grumman has the expertise and experience to perform sustainment and modernization. These characteristics lead to a good degree of recession resistance. However, the company does face risks in program cuts and changing administrations that could lead to revenue declines caused by new priorities to the defense budget.

Debt increased due to the Orbital ATK acquisition, which the company is paying down. Long-term debt is now at \$14,706M offset by \$3,272M in cash and equivalents. Interest coverage is 5.2X and the leverage ratio is 3.03X.

Final Thoughts & Recommendation

At present we are forecasting a 4.6% annualized total return through 2029 from a dividend yield of 1.7%, 6% EPS growth, and (-2.9%) P/E multiple contraction. The company's balance sheet is solid, and the credit rating was upgraded. The Aeronautics and Space segments are rapidly growing, and the other segments should benefit from global conflicts. The dividend yield is low, but the dividend safety is high as illustrated by the modest payout ratio. We maintained our rating of this high-quality stock at a hold.

Total Return Breakdown by Year



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Income Statement Metrics

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Revenue	23979	23526	24706	26004	30095	33841	36799	35667	36602	39290
Gross Profit	5601	5642	5909	5930	6791	7259	7478	7268	7474	6551
Gross Margin	23.4%	24.0%	23.9%	22.8%	22.6%	21.5%	20.3%	20.4%	20.4%	16.7%
SG&A Exp.	2405	2566	2632	2712	3011	3290	3413	3597	3873	4014
D&A Exp.	462	467	456	475	800	1018	1267	1239	1342	1338
Operating Profit	3196	3076	3277	3218	3780	3969	4065	3671	3601	2537
Op. Margin	13.3%	13.1%	13.3%	12.4%	12.6%	18.8%	11.0%	10.3%	9.8%	6.5%
Net Profit	2069	1990	2043	2869	3229	2248	3189	7005	4896	2056
Net Margin	8.6%	8.5%	8.3%	11.0%	10.7%	10.7%	8.7%	19.6%	13.4%	5.2%
Free Cash Flow	2032	1691	1893	1685	2578	3033	2885	2152	1466	2100
Income Tax	868	800	638	1360	513	300	539	1933	940	290

Balance Sheet Metrics

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Assets	26572	24424	25614	35128	37653	41089	44469	42579	43755	46544
Cash & Equivalents	3863	2319	2541	11225	1579	2245	4907	3530	2577	3109
Acc. Receivable	2806	2841	3299	1054	1448	1326	1501	1467	1511	1454
Inventories	742	807	816	398	654	783	759	811	978	1109
Goodwill & Int.	12466	12460	12450	12507	20044	19748	18301	18090	17900	17822
Total Liabilities	19337	18902	20355	27996	29466	32270	33890	29653	28443	31749
Accounts Payable	1305	1282	1554	1661	2182	2226	1806	2197	2587	2110
Long-Term Debt	5925	6386	7058	14399	13883	12770	14261	12777	12877	13786
Total Equity	7235	5522	5259	7132	8187	8819	10579	12930	15312	14795
D/E Ratio	0.82	1.16	1.34	2.02	1.70	1.45	1.3	0.99	0.84	0.94

Profitability & Per Share Metrics

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Return on Assets	7.8%	7.8%	8.2%	9.4%	8.9%	5.7%	7.5%	16.1%	11.3%	4.6%
Return on Equity	23.2%	31.2%	37.9%	46.3%	42.2%	26.4%	32.9%	59.6%	34.7%	13.7%
ROIC	13.9%	15.9%	16.9%	17.0%	14.8%	10.3%	13.7%	27.3%	18.2%	7.4%
Shares Out.	198.4	181.3	175.1	174.1	170	167	168	161	156	152
Revenue/Share	113.06	122.79	136.88	148.09	172.37	199.06	219.56	221.67	235.23	258.49
FCF/Share	9.58	8.83	10.49	9.60	14.77	17.84	17.21	13.37	9.42	13.82

Note: All figures in millions of U.S. Dollars unless per share or indicated otherwise.

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