

# Aerospace & Defense Industry Update





Dinan is a premier global investment bank, with proficiency in mergers and acquisitions, capital markets, financial restructuring, and financial and valuation advisory.

We are the trusted advisor to hundreds of middle market partners.

#### **Contact Us**

Please reach out to us to schedule a call to discuss this quarter's market update or to explore how we can serve your business needs.

**Request a meeting** 

Dinan was founded with the singular purpose of providing the highest standards of professionalism, sophistication, and execution expertise in merger and acquisition transactions to middle market companies comparable to that afforded to the Fortune 500 at full-service Wall Street investment banks. Creating \$70B+ in value through 900+ transactions closed since 1988, we would like to say thank you for your trust along the way.

#### Leadership



Mike Dinan President & CEO <u>mdinan@dinancapital.com</u> (602) 248-8700

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#### Sector Coverage



- Healthcare Services
- Software & Technology
- Transportation & Logistics
- Industrials

#### **Featured Transactions**

- Consumer, Food & Retail
- Business Services
- Building Products & Services
- Aerospace & Defense



# Our clients benefit from our local presence and global reach.



Fully Integrated Mergers and Acquisitions Specialist

# 30+

Senior officers dedicated to financial advisory services globally

# 900+

Successful transactions<sup>(1)</sup>

# \$70B+ Total Transaction Value<sup>(1)</sup>

# 300+

M&A Professionals Globally<sup>(2)</sup>

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### Aerospace & Defense Industry Dynamics

#### Global A&D Market Size and Forecast (USD \$bn)<sup>1</sup>

The global A&D market is projected to experience robust growth, driven by increased defense spending, a rebound in commercial aviation, and space and satellite advancements.



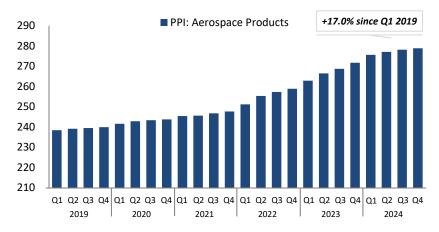
### Global Artificial Intelligence Defense Market (USD \$bn)<sup>3</sup>

\$39.1 2024P - 2033P CAGR: 14.5% \$40 \$34.2 \$35 \$29.8 \$30 \$26.1 \$25 \$22.8 \$19.9 \$20 \$17.4 \$10.1 \$11.6 \$13.2 \$15.2 \$15 \$10 \$5 \$0 2023 2024P 2025P 2026P 2027P 2028P 2029P 2030P 2031P 2032P 2033P

The global artificial intelligence defense market size was valued at \$10.1 billion in 2023 and is projected to reach \$39.1 billion by 2033, growing at a CAGR of 14.5%.

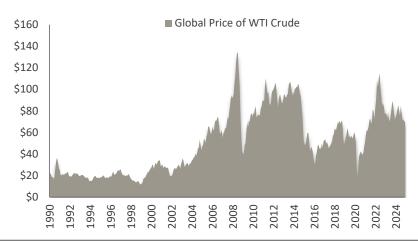
#### PPI: Aerospace Products and Parts Manufacturing<sup>2</sup>

A rise in the PPI for Aerospace product, parts, and manufacturing indicates increasing prices for manufacturers in these sectors, reflecting a surge in demand coupled with inflationary pressures.



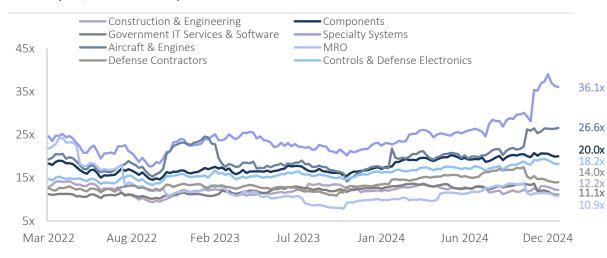
#### Global Price of WTI Crude (USD/BBL)<sup>2</sup>

Spot crude oil pricing has remained steady post-pandemic suggesting market stabilization, despite geopolitical headwinds. Stable oil prices benefit civil aviation and defense sectors.



Sources: FRED, Cascadia Capital (1) PwC (2) FRED (3) Market.US

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#### Key Takeaways

Aerospace & Defense EBITDA multiples decreased -0.8% on average in Q4 2024, with mixed performance across market segments.

Specialty Systems stands out in Q4 2024 as the segment with the highest quarterly EBITDA multiple appreciation (+26%).

+50%

+56%

Aircraft & Engines Multiple Growth (YoY) Specialty Systems Multiple Growth (YoY)

#### Market Dynamics and Outlook

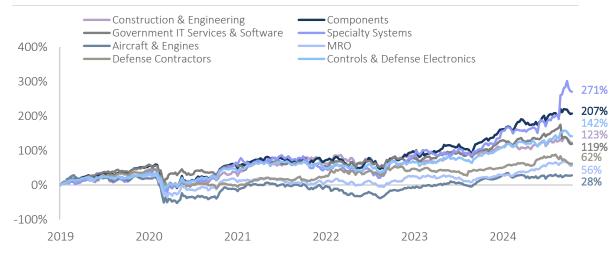
- The Aerospace & Defense sector experienced mixed revenue growth in Q4 2024, driven by global increases in defense budgets, recovery of commercial aviation sector, technological innovation, space sector expansion, and M&A activity.
- Global market size of the Aerospace & Defense industry is estimated to grow to \$1.5T in the next decade from \$1T just last year.
- The defense sector is experiencing significant expansion, propelled by a notable rise in government expenditures globally linked to the conflicts in Ukraine and the Middle East.
  - Globally, governments continue to allocate investments in advanced technologies such as hypersonic missiles, autonomous systems, and spacebased defense capabilities in response to these geopolitical tensions.
- The demand for commercial aircraft travel has continued its growth trajectory postpandemic, with airlines ramping up orders for new aircraft to support the rebound in global travel.
  - Increased aviation demand translates to record industry revenue of \$829 billion in 2023 and marks significant recovery from the COVID-19 pandemic.
- The space sector is also experiencing surging demand due to heightened interest in satellite constellations, space exploration, and lunar missions.

#### **Dinan's Relevant Transactions**



#### Aerospace & Defense Sector Yearly Performance

#### Industry Index Value Performance



#### Key Takeaways

The A&D market showed mixed performance across segments in Q4 2024. The Specialty Systems segment notably posted significant positive equity returns in the quarter (+29%).

Government IT & Software segment had the least quarterly growth with -13% in Q4 2024.

# +68%

+31%

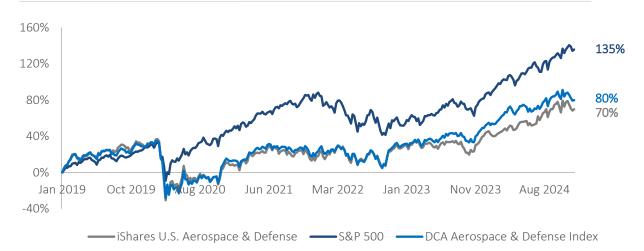
Specialty Systems Equity Return (YoY) Components Equity Return (YoY)

#### Market Performance by Sector

	y Systems – XON	Elect	& Defense ronics		oonents -		& Engines	Engir	uction & neering			Cont	efense tractors NERAL AMICS	Services	nment IT & Software
	CAE Elbit Systems*		Пн	HOWMET AEROSPACE			babcock		HEICO				GI		
Chemring Group		🛞 L3HARRIS" — Đarker		SENIOR TRANSDIGM		BOMBARDIER		FLUOR, Jacobs		Aero Engines		Raytheon Technologies		Ieidos SAIC	
% Equit	ty Return	% Equit	y Return	% Equit	y Return	% Equit	y Return	% Equit	y Return	% Equi	ty Return	% Equi	ty Return	% Equi	ty Return
Q4 2024	28.9%	Q4 2024	3.6%	Q4 2024	0.5%	Q4 2024	-0.5%	Q4 2024	-3.6%	Q4 2024	-4.2%	Q4 2024	-10.8%	Q4 2024	-12.9%
YoY	67.9%	YoY	24.2%	YoY	30.8%	YoY	6.9%	YoY	12.9%	YoY	26.8%	YoY	10.0%	YoY	7.2%
FY 2023	37.5%	FY 2023	19.7%	FY 2023	33.3%	FY 2023	38.9%	FY 2023	10.9%	FY 2023	11.6%	FY 2023	-4.2%	FY 2023	15.4%
	134.7%	3 Year	50.4%	3 Year	74.7%	3 Year	37.8%	3 Year	23.2%	3 Year	47.4%	3 Year	37.0%	3 Year	35.0%

#### Aerospace & Defense Sector Yearly Performance

#### Stock Price Performance – Dinan A&D Index vs. Market Benchmarks



#### EBITDA Multiple Trends – Dinan A&D Index vs. Market Benchmarks



#### **Key Market Trends**

iShares U.S. Aerospace & Defense Index had a relatively flat Q4 2024, following a 12% increase in Q3 2024.

The S&P 500 grew by 4% in Q4 2024, following a 5% increase in Q3 2024.

+25% S&P Equity Return

(YoY)

+16%

DCA A&D Index Equity Return (YoY)

#### **Impact on Multiples**

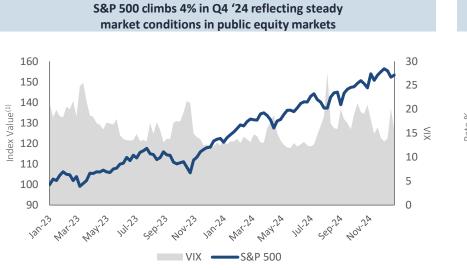
A&D EBITDA multiples declined 9.5% in Q4 2024, following a 10% growth on average in Q3 2024.

S&P 500 EBITDA multiple increased 0.5% in Q4 2024, following a 23% increase in FY 2023.

+15%

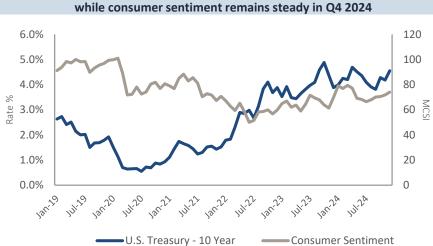
+17%

S&P 500 Multiple (YoY) DCA A&D Index Multiple (YoY)



#### **U.S. Equity Sectors Performance**

	% Return (Q3 '24)	% Return (Q4 '24)	TEV/LTM Total Rev	TEV/LTM EBITDA
Energy	-3.9%	-3.7%	1.5x	7.3x
Communication Services	+0.6%	+10.3%	4.7x	14.2x
Health Care	+5.0%	-10.3%	1.8x	15.5x
Materials	+9.9%	-13.7%	2.5x	13.7x
Consumer Discretionary	+7.9%	+14.9%	3.4x	21.1x
Industrials	+10.6%	-2.1%	2.9x	17.4x
Info Tech	+0.9%	+6.4%	9.6x	28.5x
Consumer Staples	+8.2%	-3.9%	1.7x	15.5x
Real Estate	+15.4%	-8.7%	9.1x	20.8x
Utilities	+18.0%	-5.7%	4.9x	13.0x



**10-Year Treasury rebounds from September decline** 

#### **Major Indices Performance**

	% Return (Q3 '24)	% Return (Q4 '24)	TEV/LTM Total Rev	TEV/LTM EBITDA
S&P 500	+5.1%	+2.9%	3.5x	17.4x
NASDAQ	+2.2%	+7.5%	5.1x	21.6x
Dow Jones	+8.2%	+0.6%	3.3x	16.4x
Russell 2000	+8.6%	+0.1%	1.2x	8.4x

#### **Interest Rates**

	Q4 2022	Q4 2023	Q3 2024	Q4 2024
Treasury – 2 Year	4.4%	4.2%	3.6%	4.2%
Treasury – 5 Year	4.0%	3.8%	3.5%	4.4%
Treasury – 10 Year	3.9%	3.9%	3.8%	4.6%
Treasury – 30 Year	4.0%	4.0%	4.1%	4.8%
Prime Rate	7.5%	8.5%	8.0%	7.5%

Resilient growth and strategic expansion drive strong Aerospace & Defense M&A activity in Q4 2024. Expanding worldwide defense budgets provide a foundation for sustained sector growth.

Closed Date	Target	Acquirer	Target Sector	Transaction Value (\$mm)
Announced 12/23/2024		SPX 7	Controls & Defense Electronics	\$350
Announced 12/16/2024	RICARDO DEFENSE INC	GLADSTONE INVESTMENT	Government IT Services & Software	\$85
12/15/2024		NUKKLEUS	Government IT Services & Software	\$51
12/3/2024	Kellstrom Aerospace	AVIATION	Aircraft & Engines	\$201
Announced 11/25/2024	TOSHIBA	Niterra	Components	\$972
Announced 11/19/2024	BLUEHALO	AeroVironment <sup>®</sup>	Government IT Services & Software	\$4,100
Announced 11/4/2024	Air Transport Services Group, Inc.	Stonepeak	Aircraft & Engines	\$3,101
Announced 10/14/2024		Centerbridge	Components	Undisclosed
Announced 10/12/2024		W Electric Intermediate Holdings, LLC	Defense Manufacturing	\$9
Announced 10/7/2024		APOLLO	Defense Manufacturing	\$3,541

#### **Key Takeaways**

Overall M&A transaction volume in the Aerospace & Defense market remained robust in Q4 2024. Capital investment continues to surge, reflecting investor confidence and strategic consolidation within the sector.

Innovations in defense technology, including advancements in AI, cybersecurity, and unmanned systems, continue to propel the sector forward, attracting substantial investment and collaboration opportunities.

#### **M&A Transaction Value and Volumes**



#### Dinan is a Premier Leading M&A Advisor with Substantial Experience in the Aerospace & Defense Sector



#### Select Dinan Aerospace & Defense Transactions



#### Altron – Transaction Details

- Altron is a leading electronics manufacturing services company providing assembly and testing of highly reliable electronic assemblies to leading aerospace, defense, and industrial electronics companies.
- VIRTEX is a leading manufacturer of circuit card assemblies, high complexity cables and harnesses, precision machined parts and mission-critical electronic systems for small and medium-sized customer programs across the Aerospace & Defense industry.
- Insight Equity is a private equity firm that makes control investments in strategically viable, middle market companies across various industries.
- The transaction aims to further expand VIRTEX's geographic reach into the Midwest Aerospace & Defense corridor enhancing their relationships with key customers who they service in adjacent regions.



#### Voss Industries – Transaction Details

- Voss Industries is a renowned leader in the Aerospace & Defense industry with a well-established market presence, offering innovative solutions and a robust product line.
- Tinicum is a private investment firm specializing in strategic investments across various industries.
- In its pursuit of strategic growth options, Tinicum retained Dinan to explore opportunities for acquisitions. This proactive approach led to a successful transaction, highlighting Tinicum's dedication to expanding its market presence.
- The acquisition represents a strategic expansion for CAM, significantly enhancing its Aerospace & Defense capabilities. By integrating Voss's expertise and extensive market footprint, CAM has positioned itself for greater competitive advantage and industry leadership.

#### Cerrata cascur Cleveland, OH AcroRepair Londonderry, NH has acquired Acueboc, Canada Duran & Company Initiated this transaction

#### Avianor Group – Transaction Details

- Avianor Inc. specializes in the design and manufacture of aeronautical equipment, while also providing repair, overhaul, and distribution services within the aerospace industry.
- AeroRepair Corp. provides overhaul services for aircraft components. The company specializes in servicing the brake, wheel, and landing repair/overhaul needs of regional airlines, and corporate and general aviation customers.
- Weinberg Capital Group is a Family Office that makes private equity investments specializing in buyouts, acquisitions, distressed situations, and middle market companies.
- Aiming to expand their Aerospace & Defense portfolio, Weinberg Capital Group engaged Dinan for strategic acquisitions, leading to the successful acquisition of Avianor by Aero Repair.

### "Many entrepreneurs only get the opportunity to sell their business once, so it's important to get it right." – Mike Dinan

# MIKE DINAN

President & Chief Executive Officer

Contact:

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tgerlacher@dinancapital.com

312.350.3966



Mike Dinan has been an advisor in merger and acquisition and private equity transactions for over three decades as founder and CEO of Dinan & Company, LLC.

Prior to founding Dinan & Company in 1988, Mr. Dinan was employed by Young, Smith & Peacock, Inc., a NYSE member investment banking and brokerage firm in its Investment Banking Division, where he was involved in mergers and acquisitions, private placements, valuation analyses and other securities-related transactions. Previously, he worked for Angermann-Group, a German investment banking firm, specializing in cross-border mergers and acquisitions. Prior to that, he served as a Legislative Analyst for the Arizona State Senate Appropriations Committee.

Mr. Dinan received a B.S. degree, magna cum laude, from Arizona State University where he majored in both Economics and International Business.

# TOM GERLACHER

Managing Director



Tom Gerlacher has been an advisor in mergers and acquisitions, corporate finance and restructurings for over 25 years. Mr. Gerlacher specializes in industry verticals including energy, diversified industrials and healthcare. He is responsible for leading all aspects of engagements for the firm.

Prior to joining Dinan Capital Advisors, Mr. Gerlacher was a Director in Merrill Lynch's Energy Group and was a Managing Director and the head of the Energy M&A groups at BMO Capital Markets and SunTrust Robinson Humphrey. During his career, he has been instrumental in over 75 completed strategic transactions for clients in a wide variety of industries.

Mr. Gerlacher received a BBA degree, Magna Cum Laude, in Accounting from the University of Notre Dame and an MBA, High Honors, from the Fuqua School of Business, Duke University.

# Index Segmentation



Date: 12/27/24						Market	Enterprise	Ent	erprise Val	ue:		
		Stock	52 - W	/eek	% of 52	Сар	Value	ΤТΜ	TTM Gross	ΤТΜ	TTM	1-Year
Ticker	Company Name	Price	High	Low	Week High	(\$ mm)	(\$ mm)	Revenue	Profit	EBITDA	P/E	Beta
NYSE:GE	General Electric Company	\$168.1	\$194.8	\$123.7	86.3%	\$181,933.6	\$187,662.6	2.7x	11.6x	18.8x	33.6x	1.4x
NYSE:BA	The Boeing Company	176.6	258.6	137.0	68.3%	131,913.0	179,104.0	2.4x	67.5x	NM	NM	0.7x
ENXTPA:AIR	Airbus SE	160.2	178.9	129.1	89.6%	126,672.9	127,087.0	1.8x	11.3x	18.3x	37.4x	0.8x
ENXTPA:SAF	Safran SA	219.6	236.7	162.2	92.8%	92,310.1	91,982.9	3.5x	6.9x	16.3x	54.9x	0.6x
LSE:RR.	Rolls-Royce Holdings plc	7.1	7.5	3.7	94.8%	60,165.0	61,419.4	2.8x	11.9x	16.8x	20.6x	0.6x
NYSE:TXT	Textron Inc.	76.6	97.3	75.3	78.7%	14,202.8	16,871.8	1.2x	7.6x	9.8x	16.8x	0.9x
TSX:BBD.B	Bombardier Inc.	67.2	78.9	30.8	85.1%	6,642.9	11,770.6	1.5x	6.8x	11.9x	16.3x	2.2x
BOVESPA:EMBR3	Embraer S.A.	9.0	9.4	3.3	95.5%	6,622.4	7,991.0	1.6x	7.9x	20.8x	15.9x	0.7x
NYSE:SPR	Spirit AeroSystems Holdings	33.9	37.1	25.2	91.3%	3,959.8	8,888.5	1.4x	-14.1x	NM	NM	0.3x
NYSE:HXL	Hexcel Corporation	62.6	77.1	57.5	81.2%	5,069.9	5,772.5	3.1x	12.7x	15.6x	48.3x	1.2x
NYSE:TGI	Triumph Group, Inc.	18.7	19.7	11.0	94.6%	1,442.6	2,303.4	1.9x	6.6x	13.8x	NM	1.5x
NYSE:DCO	Ducommun Incorporated	61.0	70.5	47.5	86.5%	900.8	1,149.0	1.5x	5.9x	11.0x	30.5x	1.1x
WBAG:FACC	FACC AG	6.2	8.8	5.7	70.3%	283.6	548.5	0.6x	4.4x	9.4x	13.0x	0.8x
ENXTPA:LAT	Latécoère S.A.	0.0	0.0	0.0	54.9%	130.7	362.0	0.5x	1.3x	11.9x	0.0x	1.0x
TSX:MAL	Magellan Aerospace Corp.	6.6	7.7	5.1	86.1%	377.6	421.4	0.7x	5.7x	7.2x	28.2x	1.0x
NYSEAM:CVU	CPI Aerostructures, Inc.	4.1	4.2	2.2	98.1%	52.9	73.0	0.9x	4.3x	8.3x	3.0x	0.7x

Median	1.5x	6.8x	12.9x	20.6x	0.9x
Mean	1.7x	9.9x	13.6x	24.5x	1.0x
Low	0.5x	-14.1x	7.2x	0.0x	0.3x
High	3.5x	67.5x	20.8x	54.9x	2.2x

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Ticker	Company Name	Price	High	Low	Week High	(\$ mm)	(\$ mm)	Revenue	Profit	EBITDA	P/E	Beta
NYSE:RTX	RTX Corporation	\$115.2	\$128.7	\$84.0	89.5%	\$153,359.7	\$192,170.7	2.4x	12.6x	14.7x	32.8x	0.3x
NYSE:LMT	Lockheed Martin Corporation	483.4	619.0	413.9	78.1%	114,575.7	130,745.7	1.8x	15.0x	12.4x	17.5x	0.1x
NYSE:GD	General Dynamics Corporation	263.4	316.9	247.4	83.1%	72,305.1	81,371.1	1.8x	11.3x	13.9x	20.1x	0.5x
NYSE:NOC	Northrop Grumman Corp.	466.5	555.6	418.6	84.0%	67,969.8	82,389.8	2.0x	11.9x	16.6x	29.2x	0.4x
LSE:BA.	BAE Systems plc	14.4	17.7	13.9	81.1%	42,991.4	53,240.9	1.7x	2.8x	12.3x	19.1x	0.3x
NYSE:HII	Huntington Ingalls Industries	188.4	299.5	184.3	62.9%	7,372.4	10,182.4	0.9x	6.3x	8.4x	10.6x	1.0x
NasdaqGS:DRS	Leonardo DRS, Inc.	32.5	38.0	18.6	85.5%	8,585.0	8,847.0	2.8x	12.4x	21.8x	43.9x	1.5x

Median	1.3× 1.8x	10.5× 11.9x	14.9× 13.9x	24.7× 20.1x	0.0x 0.4x
Mean	1.9x	10.3x	14.3x	24.7x	0.6x
Low	0.9x	2.8x	8.4x	10.6x	0.1x
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Ticker	Company Name	Price	High	Low	Week High	(\$ mm)	(\$ mm)	Revenue	Gross Profit	EBITDA	P/E	Beta
NYSE:TDG	TransDigm Group Inc.	\$1,279.9	\$1,451.3	\$972.1	88.2%	\$71,969.9	\$90,611.9	11.4x	19.3x	23.1x	50.0x	1.1x
NYSE:HWM	Howmet Aerospace Inc.	110.3	120.7	52.6	91.4%	44,802.4	47,936.4	6.6x	21.9x	26.1x	42.4x	1.1x
NYSE:AME	AMETEK, Inc.	180.7	198.3	149.0	91.1%	41,806.6	43,967.6	6.4x	18.0x	19.8x	31.5x	0.7x
NYSE:TDY	Teledyne Micropac, Inc	465.2	492.0	355.4	94.6%	21,680.8	23,923.0	4.3x	9.9x	17.2x	23.5x	0.6x
NasdaqGS:WWD	Woodward, Inc.	168.1	201.6	131.1	83.4%	9,941.7	10,570.1	3.2x	12.1x	17.5x	28.0x	1.2x
NYSE:ATI	ATI Inc.	54.9	68.9	38.0	79.6%	7,826.8	9,424.2	2.2x	10.9x	16.1x	21.0x	1.2x
NYSE:RBC	<b>RBC Bearings Incorporated</b>	297.1	346.8	240.4	85.7%	9,279.9	10,347.5	6.5x	14.9x	21.2x	43.3x	1.3x
NYSE:CR	Crane Company	152.2	188.5	110.5	80.7%	8,710.1	8,799.6	3.9x	10.0x	19.3x	33.7x	1.6x
NYSE:TKR	The Timken Company	70.9	94.7	70.0	74.8%	4,969.9	7,058.6	1.5x	5.0x	8.5x	14.7x	0.5x
NYSE:B	Barnes Group Inc.	47.3	47.4	29.7	99.7%	2,409.2	3,480.0	2.2x	6.9x	9.5x	NM	0.8x
ENXTPA:FII	Lisi S.A.	22.8	30.3	21.2	75.1%	1,037.8	1,600.8	0.9x	1.7x	7.6x	18.4x	1.1x
LSE:SNR	Senior plc	2.0	2.3	1.5	88.4%	815.9	1,107.7	0.9x	5.0x	9.6x	22.2x	0.3x
NYSEAM:SIF	SIFCO Industries, Inc.	3.7	6.0	2.9	62.4%	23.0	59.2	0.7x	9.9x	49.9x	NM	1.1x

Median	3.2x	10.0x	17.5x	28.0x	1.1x
Mean	3.9x	11.2x	18.9x	29.9x	1.0x
Low	0.7x	1.7x	7.6x	14.7x	0.3x
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Ticker	Company Name	Price	High	Low	Week High	(\$ mm)	(\$ mm)	Revenue	Profit	EBITDA	P/E	Beta
NYSE:HEI	HEICO Corporation	\$239.7	\$283.6	\$169.7	84.5%	\$28,857.3	\$31,488.2	8.2x	21.0x	30.4x	65.3x	0.7x
XTRA:MTX	MTU Aero Engines AG	334.1	345.1	199.9	96.8%	17,982.5	18,662.1	2.6x	13.1x	15.9x	24.7x	0.6x
SGX:S63	Singapore Technologies Engineering	3.4	3.5	2.7	96.9%	10,635.2	15,026.9	1.9x	10.0x	13.9x	22.8x	0.5x
XTRA:LHA	Deutsche Lufthansa AG	6.4	8.3	5.6	76.9%	7,678.7	12,999.3	0.3x	1.8x	3.6x	6.6x	1.0x
NYSE:AIR	AAR Corp.	61.1	76.3	54.7	80.1%	2,152.3	3,162.9	1.3x	6.9x	12.5x	33.8x	1.2x
SGX:S59	SIA Engineering Company Limited	1.7	1.8	1.6	95.2%	1,943.2	1,666.2	2.0x	2.7x	13.3x	25.1x	0.4x
NasdaqCM:ASLE	AerSale Corporation	6.2	12.9	4.5	47.7%	327.2	422.9	1.2x	4.3x	15.9x	NM	0.5x

Low	0.3x	1.8x	3.6x	6.6x	0.4x
Mean	2.5x	8.5x	15.1x	29.7x	0.7x
<b>Median</b>	<b>1.9x</b>	<b>6.9x</b>	<b>13.9x</b>	<b>24.9x</b>	<b>0.6x</b>

Date: 12/27/24						Market	Enterprise	Ent	erprise Val	ue:		
		Stock	52 - W	eek	% of 52	Сар	Value	ΤТМ	πм	ΤΤΜ	TTM	1-Year
Ticker	Company Name	Price	High	Low	Week High	(\$ mm)	(\$ mm)	Revenue	Gross Profit	EBITDA	P/E	Beta
NYSE:J	Jacobs Solutions Inc.	\$133.5	\$156.3	\$125.9	85.4%	\$16,549.6	\$18,245.5	1.6x	6.4x	13.6x	27.9x	0.7x
NYSE:ACM	AECOM	107.1	118.6	82.2	90.3%	14,180.2	15,942.9	1.0x	14.7x	12.4x	28.9x	0.7x
NYSE:FLR	Fluor Corporation	49.3	60.1	35.0	82.1%	8,462.6	6,662.6	0.4x	15.4x	13.2x	32.9x	0.8x
LSE:BAB	Babcock International Group PLC	6.3	7.4	4.9	84.3%	3,156.3	3,647.4	0.6x	9.5x	7.3x	13.4x	0.6x

High Low	1.6x 0.4x	15.4x 6.4x	13.6x 7.3x	32.9x 13.4x	0.8x 0.6x
Mean	0.9x	11.5x	11.6x	25.7x	0.7x
Median	0.8x	12.1x	12.8x	28.4x	0.7x

Date: 12/27/24						Market	Enterprise	Ent	erprise Val	ue:		
		Stock	52 - W	/eek	% of 52	Сар	Value	ттм	ттм	ТТМ	ттм	1-Year
Ticker	Company Name	Price	High	Low	Week High	(\$ mm)	(\$ mm)	Revenue	Gross Profit	EBITDA	P/E	Beta
NasdaqGS:HON	Honeywell International Inc.	\$226.6	\$242.8	\$189.7	93.3%	\$147,346.1	\$168,976.1	4.5x	11.9x	17.8x	26.2x	0.6x
NYSE:ETN	Eaton Corporation plc	332.4	380.0	231.8	87.5%	131,356.6	139,485.6	5.7x	15.0x	24.4x	35.4x	1.7x
NYSE:PH	Parker-Hannifin Corporation	636.8	712.4	449.4	89.4%	81,971.7	91,799.0	4.6x	12.7x	17.7x	28.7x	1.1x
NYSE:LHX	L3Harris Technologies, Inc.	208.9	265.7	200.2	78.6%	39,629.3	52,064.3	2.5x	9.3x	14.0x	33.0x	0.7x
ENXTPA:HO	Thales S.A.	143.5	180.7	136.1	79.5%	29,481.2	34,344.3	1.7x	6.4x	12.2x	30.2x	0.8x
OB:KOG	Kongsberg Gruppen ASA	112.5	120.1	41.0	93.7%	19,797.9	19,637.0	4.8x	7.7x	29.2x	46.7x	0.7x
NYSE:CW	Curtiss-Wright Corporation	357.8	393.4	212.1	90.9%	13,576.3	14,316.7	4.6x	12.5x	19.6x	33.8x	1.2x
TASE:ESLT	Elbit Systems Ltd.	261.6	267.7	179.5	97.7%	11,649.0	13,158.4	2.0x	8.3x	18.4x	43.8x	-0.2x
LSE:SMIN	Smiths Group plc	21.5	23.7	19.0	90.7%	7,361.0	7,655.2	2.0x	5.1x	10.7x	23.9x	0.5x
NYSE:MOG.A	Moog Inc.	195.8	227.9	135.1	85.9%	6,245.9	7,232.0	2.0x	7.3x	14.4x	30.6x	1.5x
NasdaqGS:AVAV	AeroVironment, Inc.	155.2	236.6	116.5	65.6%	4,345.5	4,326.8	5.7x	14.5x	41.3x	90.1x	1.3x
LSE:QQ.	QinetiQ Group plc	5.2	6.1	3.8	84.6%	2,920.8	3,170.9	1.3x	8.4x	8.1x	17.4x	0.5x
NasdaqGS:KTOS	Kratos Defense & Security Solutions	26.5	28.7	16.7	92.4%	4,006.5	4,003.8	3.6x	13.8x	43.1x	266.9x	1.7x
NasdaqGS:OSIS	OSI Systems, Inc.	167.3	189.1	120.4	88.4%	2,794.9	3,474.9	2.2x	6.3x	13.6x	21.8x	1.4x
NasdaqGS:MRCY	Mercury Systems, Inc.	42.0	44.6	25.3	94.1%	2,504.6	3,022.8	3.5x	15.3x	NM	NM	1.5x
TSX:HRX	Héroux-Devtek Inc.	22.1	22.5	10.3	98.2%	744.1	840.3	1.7x	8.1x	10.7x	20.8x	0.3x
NasdaqGS:ATRO	Astronics Corporation	15.8	23.7	14.1	66.6%	552.3	752.6	1.0x	4.8x	13.4x	NM	1.6x
NasdaqGS:ISSC	Innovative Solutions and Support	8.6	9.0	4.9	95.4%	149.6	177.1	3.8x	6.8x	15.3x	21.4x	0.6x
NasdaqGS:KVHI	KVH Industries, Inc.	5.6	6.0	4.2	93.0%	110.5	61.8	0.5x	2.1x	NM	NM	0.0x

Low	0.5x	2.1x	8.1x	17.4x	-0.2x
Mean	3.0x	9.3x	19.1x	48.2x	0.9x
Median	2.5x	8.3x	15.3x	48.2X 30.4x	0.9x 0.8x

Date: 12/27/24						Market	Enterprise	Ent	erprise Val	ue:		
		Stock	52 - W	/eek	% of 52	Сар	Value	ΤТМ	TTM	ΤТМ	ΤТМ	1-Year
Ticker	Company Name	Price	High	Low	Week High	(\$ mm)	(\$ mm)	Revenue	Gross Profit	EBITDA	P/E	Beta
TSX:GIB.A	CGI Inc.	\$109.1	\$113.0	\$91.8	96.6%	\$24,532.7	\$25,820.7	2.5x	7.8x	13.6x	21.5x	0.5x
NYSE:LDOS	Leidos Holdings, Inc.	143.2	202.9	106.4	70.6%	19,103.6	23,107.6	1.4x	8.6x	10.2x	16.4x	1.1x
NYSE:BAH	Booz Allen Hamilton Holding Corp.	128.4	190.6	123.2	67.3%	16,400.9	19,458.0	1.7x	7.2x	13.5x	20.2x	1.0x
NYSE:CACI	CACI International Inc	402.2	588.3	314.1	68.4%	9,013.2	10,778.4	1.4x	4.2x	11.5x	19.9x	0.8x
NYSE:KBR	KBR, Inc.	57.3	72.6	51.6	78.9%	7,634.8	10,014.8	1.4x	9.6x	10.6x	24.0x	1.2x
NYSE:MMS	Maximus, Inc.	74.2	94.0	69.7	79.0%	4,475.7	5,573.0	1.1x	4.5x	8.1x	14.9x	0.8x
NasdaqGS:ICFI	ICF International, Inc.	118.1	179.7	116.7	65.7%	2,215.7	2,827.4	1.4x	3.9x	11.1x	20.8x	0.7x
LSE:SRP	Serco Group plc	1.9	2.5	1.7	77.0%	1,917.9	2,708.2	0.5x	4.3x	5.7x	12.1x	0.4x

Mean <b>Median</b>	1.4x <b>1.4x</b>	6.3x <b>5.8x</b>	10.5x <b>10.9x</b>	18.7x <b>20.1x</b>	0.8x <b>0.8x</b>
Low	0.5x	3.9x	5.7x	12.1x	0.4x
High	2.5x	9.6x	13.6x	24.0x	1.2x

Date: 12/27/24						Market	Enterprise	Ent	erprise Val	ue:		
		Stock	52 - W	'eek	% of 52	Cap	Value	TTM	TTM	TTM	ТТМ	1-Year
Ticker	Company Name	Price	High	Low	Week High	(\$ mm)	(\$ mm)	Revenue	Gross Profit	EBITDA	P/E	Beta
NasdaqGS:AXON	Axon Enterprise, Inc.	\$604.3	\$698.7	\$241.7	86.5%	\$46,082.3	\$45,655.4	23.5x	39.4x	235.1x	156.9x	2.1x
OM:SAAB B	Saab AB (publ)	21.2	24.9	13.8	85.0%	11,307.9	11,404.2	2.1x	9.0x	18.3x	31.8x	0.7x
TSX:CAE	CAE Inc.	25.3	25.5	15.5	99.2%	8,056.5	10,243.3	3.3x	12.0x	17.0x	NM	0.7x
NYSE:MSA	MSA Safety Incorporated	165.9	200.6	160.0	82.7%	6,521.1	6,974.4	3.9x	8.1x	14.3x	24.1x	1.2x
LSE:CHG	Chemring Group PLC	4.1	5.4	3.9	76.8%	1,121.2	1,187.3	1.9x	2.7x	11.2x	21.5x	0.7x

Low	1.9x	2.7x	11.2x	21.5x	0.7x
Mean	6.9x	14.2x	59.2x	58.6x	1.1x
Median	3.3x	9.0x	17.0x	27.9x	0.7x

# Precedent M&A Transactions



### Q4 2024 Aerospace & Defense M&A Activity (1 of 5)

Q4 2024
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Closed Date	Acquirer	Target	Target Description	Enterprise Value (\$mm)	EV/LTM Revenue	EV/LTM EBITDA
12/27/24	Baykar Makina Sanayi Ve Ticaret Anonim	Piaggio Aero Industries S.p.A.	Piaggio Aero Industries S.p.A. designs, constructs, and maintains unmanned aerial systems, business and special mission aircraft.	-	-	-
12/24/24	Shinhwa Precision & Engineering Co. Ltd	ENERGY&MACHINERY KOREA Co.,Ltd.	ENERGY&MACHINERY KOREA engages in energy/ environment, defense/aerospace, machine tool, and power generation.	\$177	2.36x	33.0x
TBD	SPX Technologies, Inc.	Kranze Technology Solutions, Inc.	Kranze Technology Solutions, Inc. provides infrared systems, networking & support for the US Navy, Marine Corps, and Socom.	\$350	-	-
TBD	Nissan Motor Co., Ltd.	Honda Motor Co., Ltd.	Honda Motor Co., Ltd. develops, manufactures, and distributes motorcycles, automobiles, power, and plane engines.	-	-	-
TBD	Private	Skynet Academy Co., Ltd.	Skynet Academy Co., Ltd. Provides pilot training and aircrafts maintenance services.	-	-	-
12/20/24	Balmoral Funds LLC	R. H. Sheppard Co., Inc.	R. H. Sheppard Co., Inc. designs and manufactures engineered products for truck, bus, rail, construction, military, and RV.	-	-	-
12/20/24	Firan Technology Group Corporation	FLYHT Aerospace Solutions Ltd.	FLYHT Aerospace Solutions Ltd. provides real-time communications with aircrafts for the aerospace industry.	\$17	1.32x	NM
12/19/24	PTC Industries Limited	Trac Precision Machining Limited	TRAC PRECISION MACHINING LIMITED manufactures and supplies precision-engineered parts.	-	-	-
TBD	Quadrum Capital BV	K.M.W.E. Precisie Eindhoven B.V.	K.M.W.E. Precisie Eindhoven B.V. engages in manufacturing high mix, low volume, and high complexity critical components.	-	-	-
TBD	Gladstone Investment Corporation	Ricardo Defense Systems, LLC	Ricardo Defense Systems provides software, technical services, and material solutions to address safety and security challenges.	\$85	0.55x	-
12/16/24	Mitsubishi Electric Corporation	Synspective Inc.	Synspective Inc. designs, builds, and operates a fleet of synthetic aperture radar satellites (SAR) to detect and understand changes.	-	-	-
TBD	Aebi Schmidt Holding AG	The Shyft Group, Inc.	The Shyft Group, Inc. engages in the manufacture and assembly of specialty vehicles for the government and other entities.	\$66	0.08x	2.0x
12/16/24	Antifriction Components Ltd	Scots Bearings Ltd	Scots Bearings Ltd distributes bearings and power transmission products.	-	-	-
12/16/24	Wafra Inc.	Aquila Air Capital	Aquila Air Capital operates an aircraft leasing and financing platform focused on commercial aerospace.	-	-	-

Source: Capital IQ as of 12/27/2024

# Q4 2024 Aerospace & Defense M&A Activity (2 of 5)

Closed Date	Acquirer	Target	Target Description	Enterprise Value (\$mm)	EV/LTM Revenue	EV/LTM EBITDA
12/15/24	Nukkleus Inc.	Star 26 Capital Inc.	Star 26 Capital Inc. operates as a premier entity operating in the defense technology sector.	\$51	-	-
12/12/24	Dacke Industri AB	G-Tek AB	G-Tek AB provides powerpack installations for OEMs of mobile vehicles in Northern Europe.	-	-	-
12/5/24	Extant Components Group Holdings, Inc.	Wyvern Technologies Inc.	Wyvern Technologies Inc. manufactures aerospace and defense parts.	-	-	-
12/5/24	Escribano Mechanical And Engineering, S.L.	Indra Sistemas, S.A.	Indra Sistemas, S.A. operates as a technology and consulting company for aerospace, defense, and mobility businesses.	_	-	-
12/3/24	VSE Corporation	Kellstrom Aerospace, LLC	Kellstrom supplies aircraft spare parts and provides repair services to commercial and aerospace and defense industry.	\$201	1.15x	-
11/29/24	UIC Government Services, LLC	Delta Solutions & Strategies LLC	, Delta Solutions & Strategies, LLC provides professional, organizational, and technical decision-making consulting services.	-	-	-
TBD	Niterra Co., Ltd.	Toshiba Materials Co.,Ltd.	Toshiba Materials Co.,Ltd. develops, manufactures, and sells fine ceramics, alloyed components, and other specialty materials.	\$972	4.34x	-
TBD	AeroVironment, Inc.	BlueHalo LLC	BlueHalo LLC provides engineering and technology solutions for national security community.	\$4,100	4.63x	-
11/19/24	AURIZN HoldCo Pty Ltd	Pacific Aerospace Consulting Pty Ltd	PAC Pty Ltd offers an artificial intelligence, simulation, and advanced sensing services for defense and commercial clients.	-	-	-
TBD	MilDef Germany Holding GmbH	Roda computer GmbH	Roda computer GmbH is a major provider of ruggedized mobile devices in Europe and a supplier in security and defense.	\$91	-	-
11/12/24	Aero Accessories & Repair Inc	AirGroup America, Inc.	AirGroup America, Inc. distributes aerospace replacement parts, and bearings.	-	-	-
11/12/24	Chiappa Firearms Srl	Societe D'Application Des Proceeds Lefebvre SAS	Societe D'Application Des Proceeds Lefebvre SAS manufactures weapons, ammunition, and law enforcement equipment.	-	-	-
11/8/24	SK AeroSafety Group	John Cameron Aviation	John Cameron Aviation manufactures aviation and aerospace components and equipment.	-	-	-
TBD	ASDAM Operations Pty Ltd	Quickstep Holdings Limited	Quickstep Holdings Limited manufactures and sells advanced composites for the defense and commercial aerospace.	\$39	0.70x	11.9x

# Q4 2024 Aerospace & Defense M&A Activity (3 of 5)

Closed Date	Acquirer	Target	Target Description	Enterprise Value (\$mm)	EV/LTM Revenue	EV/LTM EBITDA
TBD	Korea Aerospace Industries, Ltd.	Genohco., Inc.	Genohco, Inc. operates in the unmanned system, satellite communications, aerospace, and avionics markets.	-	-	-
TBD	Hanwha Energy Corporation	Hanwha Corporation	Hanwha Corporation engages in the explosives, trading, and construction businesses.	\$31,180	0.84x	14.9x
TBD	Stonepeak Partners LP	Air Transport Services Group, Inc.	Air Transport Services Group, Inc. provides aircraft leasing, and air cargo transportation and related services.	\$3,101	1.58x	6.2x
TBD	Indra Sistemas, S.A.	Global Ats Limited/Micro Nav Ltd	Global ATS Limited offers aviation training services.	-	-	-
TBD	CAE Inc.	SIMCOM International, Inc.	SIMCOM International, Inc. provides pilot and maintenance training for general aviation, business, and commercial aircraft.	-	-	_
11/4/24	Aero Accessories & Repair Inc	Aero Instruments & Avionics, Inc.	Aero Instruments & Avionics, Inc. provides testing, repairs, and overhaul services for commercial aircraft and regional aircraft.	-	-	-
11/1/24	Photonics Management Corp.	BAE Systems Imaging Solutions Inc.	BAE Systems Imaging Solutions Inc. designs and manufactures image sensors and imaging systems.	-	-	-
11/1/24	Tinicum Incorporated	SV-Aero Holdings, LLC	SV-Aero Holdings, LLC provided hardware, software, and engineering services across air, space, sea, land, and cyber.	-	-	-
11/1/24	Orchard Hiltz & McCliment, Inc.	Griner Engineering, Inc	Griner Engineering, Inc operates as a machinery and supplies and components (industrial) company.	-	-	-
11/1/24	ARKA Group, LP	Radar and Sensor Technology group of Maxar	Radar and Sensor Technology group of Maxar Technologies Inc. was acquired by ARKA Group, LP.	-	-	-
10/31/24	US Aviation Academy	Assets of FLYT Aviation	Assets of FLYT Aviation were acquired by US Aviation Academy.	-	-	-
TBD	Indra Sistemas, S.A.	Tess Defence S.A.	Tess Defence S.A. engages in the design and production of cutting-edge military vehicles.	-	-	-
10/29/24	NATA Compliance Services, LLC	SoarUp, Inc.	SoarUp, Inc. develops an aviation safety management system to help operators maintain compliance with safety regulations.	-	-	-
TBD	Portside, Inc.	Flight Operations System Business of Collins Aero	Flight Operations System Business of Collins Aerospace designs, produces, and supports communication and aviation systems.	-	-	_

### Q4 2024 Aerospace & Defense M&A Activity (4 of 5)

Q4 2024

Closed Date	Acquirer	Target	Target Description	Enterprise Value (\$mm)	EV/LTM Revenue	EV/LTM EBITDA
10/25/24	Genesys Industrial Corp.	F3 Aerospace	F3 Aerospace manufactures structural aircraft components and assemblies for the aerospace sector.	-		
10/24/24	Special Aerospace Services, LLC	Concordia Technologies Inc.	Concordia Technologies Inc. manufactures missile and hypersonic weapons defense, sensor design and evaluation, and modeling.	-		
10/24/24	Blue Evolution Inc.	Blu3, Inc.	Blu3, Inc. develops and manufactures underwater diving gear and products.	-	-	
10/24/24	Snow Peak Capital, LLC	CTurbineAero, Inc.	TurbineAero, Inc. provides aerospace component maintenance, repair, and overhaul (MRO) services to military/ commercial.	-		
10/23/24	Branford Castle Partners, L.P.	Hoffman Engineering LLC	Hoffman Engineering LLC provides testing and production of lighting equipment for the aerospace industry.	-		
10/19/24	Vantage Aviation	FBO Operating Business of Dominion Aviation Services	FBO Operating Business of Dominion Aviation Services Inc was acquired by Vantage Aviation.	-		
10/16/24	Titania Solutions Group Inc.	Folsys Engineering LLC	Folsys Engineering LLC develops technology for space-based capabilities for communications, spacecraft, and ground systems.	-		
10/15/24	Core4ce LLC	Azimuth Corporation	Azimuth Corporation provides programming and policy expertise, security and threat analysis, and operational support.	-		
TBD	Centerbridge Partners, L.P.	' Precinmac, LP	Precinmac manufactures and markets precision machined components and assemblies worldwide.	-		
TBD	W Electric Intermediate Holdings	•	, Mace Security International, Inc. manufactures and sells personal safety and security products worldwide.	\$9	1.55>	a NN∕
10/10/24	Neuberger Berman	Fastener Distribution Holdings, LLC	Fastener Distribution Holdings, LLC provides supply chain solutions for aerospace and defense industries.	-		
10/8/24	NewSpring Capital, LLC	C C Speed, LLC	C Speed, LLC designs and manufactures radar systems and offers engineering solutions for civilian and military applications.	-		
10/8/24	H.I.G. Capital, LLC	STS Aviation Group, Inc.	STS Aviation Group, Inc. provides aircraft maintenance, repair, and overhaul solutions.	-		
TBD	Apollo Global Management, Inc.	Barnes Group Inc.	Barnes Group Inc. provides engineered products, industrial technologies, and solutions internationally.	\$3,541	2.19>	9.7>

Source: Capital IQ as of 12/27/2024

# Q4 2024 Aerospace & Defense M&A Activity (5 of 5)

Closed Date	Acquirer	Target	Target Description	Enterprise Value (\$mm)	EV/LTM Revenue	EV/LTM EBITDA
TBD	StarVasa	Assets of Quantum Generative Materials, LLC	Assets and Business Operations of Quantum comprises orbital imaging and remote sensing satellite, & mission control software.	-	-	
10/7/24	Société d'Aide au Financement	AURA AERO SAS	AURA AERO SAS designs, manufactures, and operates digital and eco-efficient aircraft.	-	-	· -
10/7/24	Whitcraft LLC	Prescott Precision Die, Inc.	Prescott Precision Die, Inc. manufactures aircraft engine components.	-	-	
10/3/24	HeavyTech MRO	Hispano Lusitana de Aviación, S.L.	Hispano Lusitana de Aviación, S.L. provides line and base maintenance services for commercial and military aircraft.	-	-	
10/1/24	Dedienne Aerospace S.A.S	Champion GSE	Champion GSE designs and manufactures engine stands and containers.	-	-	· -
10/1/24	Alvest Equipment Services	CTAS Aviation Services Limited	CTAS Aviation Services Limited offers ground support and equipment maintenance services.	-	-	



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