# KAL Capital Markets Aerospace & Defense

# Q2 2025















## INTRODUCTION

Dear Friends,

We hope you're enjoying the summer and finding time to recharge as we enter the second half of 2025.

The first half of the year was among the most active in KAL Capital's history. We closed seven transactions across the aerospace and defense landscape, including platform sales in propulsion, surface treatments, EMI shielding, composites, and refractory metals. These transactions reflect a broader market trend: sustained buyer conviction for differentiated platforms supporting defense modernization, space, and other mission-critical initiatives. Conversations with both strategic acquirers and private equity sponsors suggest that M&A pipelines remain strong – particularly for companies with proprietary technologies, engineering depth, or entrenched program positions.

While commercial aerospace continues to face headwinds – from soft airline earnings to tariff-driven cost pressures – the defense sector remains a clear outlier. A&D equities significantly outperformed broader indices, fueled by rising procurement budgets, persistent geopolitical tensions, and growing demand for munitions, missile defense, and shipbuilding. The proposed FY26 defense budget, at \$961 billion, is the largest in U.S. history and signals the start of a sustained rearmament cycle. Key funding priorities include hypersonics, AI, space systems, and the nuclear triad, alongside efforts to accelerate acquisition and streamline procurement.

Global developments – such as Operation Midnight Hammer, escalating tensions in the Indo-Pacific, and the war in Ukraine – have further sharpened the industry's focus on precision strike capabilities, supply chain resilience, and dual-use innovation. Meanwhile, the Paris Air Show spotlighted next-generation aerospace platforms, with Airbus and several eVTOL players stepping into the void left by Boeing. Commercial markets remain volatile, weighed down by inflation, regulatory friction, and deteriorating airline profitability.

Looking ahead, we see a favorable environment for M&A across defense and critical technology sectors. Strategic buyers and sponsors remain aggressive in pursuing acquisitions that offer vertical integration, exposure to high-priority platforms, or defensible aftermarket positions. The confluence of geopolitical urgency, abundant capital, and a shifting policy environment is creating a rare window of opportunity for well-positioned companies.

We wish you a productive and successful remainder of the year and look forward to reconnecting soon. As always, thank you for your continued partnership and trust.

Sincerely,

m7.Bh

Trevor Bohn Partner

Ryan Murphy Partner



#### TRANSACTION ANNOUNCEMENTS

## TABLE OF CONTENTS



## KAL ADVISES ARCLINE INVESTMENT MANAGEMENT

## ARCLINE HAS ACQUIRED OLDHAM SEALS GROUP



- » Oldham Seals Group is a leading designer and manufacturer of highly engineered elastomeric and polymer products for ultra-harsh environments where durability and precision sealing are critical
- » The Company custom-engineers products for the Navy, commercial shipping industries, oil & gas, and traction industries
- OSG is headquartered in Chichester, UK OSG combines decades of technical expertise with advanced manufacturing to deliver highperformance seals and aaskets worldwide

#### **Key Products**















90° Elbow Assemblies

Jetpac®

Jetrac

Uniflex

**Technical** 

Data

180° Preformed **Hose Assemblies** 

**Flexible Straight Hose Assemblies** 

**Flexible Rubber Bellows** 

Jetpac<sup>®</sup> By-Pass Valves



# **KEY SEGMENTS**

Jetpac designs and manufactures rubber flexible hoses and pipe systems that have been type approved to the United Kingdom's Ministry of Defense Naval standards

#### **Benefits Include:**

- Major cost savings in expensive downtime
- Highly configurable designs
- Greater reduction in vibration/noise levels

Provides a web-accessible hose asset management system for flexible hose assemblies, enabling accurate tracking, condition monitoring, and lifecycle management, which enhances safety, reduces downtime, and optimizes hose replacement & inventory

The system offers remote mechanical valve actuation systems using flexible, high-tensile stainless-steel shafts, designed for reliable, long-life operation in naval and commercial shipping environments, allowing safe and efficient remote valve control

OSG supplies comprehensive technical documentation, data management, and reporting services to support product performance, maintenance planning, and regulatory compliance across all product lines

## KAL ADVISES INDUSTRIAL SOLID PROPULSION<sup>™</sup>

# ISP HAS BEEN ACQUIRED BY KARMAN



## **KAL ADVISES 3P PROCESSING**

## **3P PROCESSING HAS BEEN ACQUIRED BY LITTLEJOHN CAPITAL**





## KAL ADVISES METAL TECHNOLOGY INC.

## MTI HAS BEEN ACQUIRED BY KARMAN



- » Located in Albany, Oregon, Metal Technology, Inc. ("MTI") is a leader in forming, forging, and machining refractory metals
- » MTI's expertise with tantalum, zirconium, niobium, titanium, and other refractory metals allows it to produce specialized, mission-critical components for aerospace and defense end markets, with an emphasis on missile defense programs
- » MTI also uses refractory metals to produce crucibles for scientific endmarkets



# KAL ADVISES ZENO POWER

# ZENO RECEIVED A SERIES B VC INVESTMENT LED BY HANACO



- » Zeno Power ("Zeno" or the "Company") is the market leader in isotope energy, developing next-generation Radioisotope Power Systems ("RPS") for space, marine, and other austere environments
- » The Company utilizes its patented fuel matrix and manufacturing process to build RPSs that are scalable, affordable, and lightweight. Zeno uses thermoelectric generators and Stirling engines to convert the heat generated from the decay of specific radioisotopes into electricity, producing persistent, clean power for years at a time





#### **Key Partners**







Strontium-90 fueled radioisotope thermoelectric generator to power U.S. Space Force satellites

Next-Generation Nuclear Radioisotope Battery (Delivering to market in 2027)



Americium-241 fueled radioisotope Stirling generator to power NASA lunar surface missions





INVESTMENT HIGHLIGHTS

Built and demonstrated our first nuclear prototype at Pacific Northwest National Laboratory Secured over \$60 million in contracts from the U.S. Department of Defense and NASA for seabed and space applications

Contracted Westinghouse to fabricate our nuclear heat sources at their licensed facility

Assembled a world-leading team across the nuclear, aerospace, maritime, and other sectors

Received an initial Sr-90 supply from the U.S. Department of Energy, recycling Cold War-era nuclear waste to fuel our first 10+ nuclear batteries

# KAL ADVISES ACT AEROSPACE

AF DOOL

## ACT AEROSPACE HAS BEEN ACQUIRED BY BEHRMAN CAPITAL

-



# KAL ADVISES SPIRA MANUFACTURING

## SPIRA MANUFACTURING HAS BEEN ACQUIRED BY ARCLINE





## A&D CAPITAL AND DEBT MARKETS UPDATE

#### A&D RUN CONTINUES DURING Q2

A&D

» The second quarter of 2025 saw the S&P 500 10.1%

S&P500

Dow Jones

» A&D stocks rose 22.1% in the second quarter of 2025, outperforming industrial sector peers

iShares US Aerospace and Defense Index vs. S&P500 vs. Dow Jones IA (LTM)

rebounded after an early Q2 dip and have outperformed major indexes due to rising defense spending, heightened geopolitical tensions, and a recovery in commercial aerospace

» A&D stocks



#### A&D M&A HOLDS AS DEBT MARKET IMPROVES



» The Fed announced its decision to hold on interest rate cuts in June but forecasted a potential rate cut in the remainder of 2025. Debt/EBITDA rose slightly in 2Q2025, reflecting a somewhat looser credit market, while banks reported looser lending standards amid economic uncertainty

» In Q2 2025, the A&D sector rebounded strongly as robust defense spending and heightened global tensions fueled increased deal activity and investor confidence

## DEFENSE & GOVERNMENT SERVICES OVERVIEW

## PUBLIC MARKET PERFORMANCE

- » The defense sector primes have seen strong growth in Q2 2025, driven by the increased global defense spending, heightened geopolitical tensions, and a surge in demand for advanced military technologiesleading to new orders and key modernization initiatives
- » In Q2 2025, M&A activity in the defense sector increased compared to Q2 2024, attributed to a focus on space, missile defense, and cutting-edge highperformance software & hardware solutions

Company	npany Share 52- Market Cap. Price Wk.High (\$bn)	Market Cap.	EV/Re	venue	EV/EBITDA		
Company		NTM	LTM	NTM	LTM		
💥 RTX	145.94	149.26	194.98	2.8x		17.4x	17.0x
	462.63		108.43				14.1x
GENERAL DYNAMICS	292.43		78.31	1.7x		14.4x	14.0x
BAE SYSTEMS		109.82	77.65	2.1x		14.8x	18.9x
			71.99				12.9x
<b>€</b> L3HARRIS <sup>™</sup>	250.44	265.74	46.81	2.7x	2.8x	14.6x	14.0x
leidos	157.56	202.90	20.28	1.5x	1.5x	11.3x	10.3x

#### NOTABLE DEFENSE & GOVT. TRANSACTIONS

Date	Target	Acquirer	Description
6/26	NORTHSTAR Berospace*	GE Aerospace	» Manufacturer of helicopter and fixed- wing aircraft components and assemblies to the private market & the U.S. Federal Government
6/23	spec <b>t</b> ris	KKR	<ul> <li>Manufacturer of precision instrumentation and measurement equipment for industrial and aerospace applications</li> </ul>
6/16	Ultra PCS Ltd. & Ultra Electronics ICE, Inc.	F-T-N	<ul> <li>Provides high-reliability electronic systems, subsystems, and software solutions for aerospace, defense, and security applications</li> </ul>
6/13			<ul> <li>Manufacturer in the small fixed-wing UAV segment and develops/produce subsystems, stabilized EO/IR camera payloads and accessories</li> </ul>
6/9	Baker Hughes Precision Sensors & Automation Business	CRANE	<ul> <li>Manufactures high-precision sensors and instrumentation for extreme environment applications in defense, aerospace, and industrial markets</li> </ul>
5/1	BLUEHALO	SAVS	<ul> <li>Develops advanced technologies for space, directed energy, missile defense, and cyber applications supporting national security missions</li> </ul>

## SPOTLIGHT: DOD FY2026 BUDGET PROPOSAL

#### INSIDE THE 2026 DEFENSE BUDGET: KEY PRIORITIES AND INVESTMENTS



The proposed \$961Bn defense budget marks the largest in US history, reflecting bipartisan consensus on the need for rapid modernization and technological superiority. The budget's focus on hypersonics and unmanned systems, combined with acquisition reforms and new industry partnerships, positions the sector for sustained growth despite supply chain and tariff headwinds. New shipbuilding initiatives and next-generation fighter programs further highlight the sector's robust outlook.

#### KEY HIGHLIGHTS OF THE PROPOSED 26' DEFENSE BUDGET

- » Modernization & readiness: The budget prioritizes restoring military readiness and modernizing capabilities to counter evolving global threats, while also strengthening homeland security
- » Technological advancements: Increased focus on unmanned aerial systems (UAS) and missile defense systems
- » Key investments include: \$25Bn toward the proposed Golden Dome missile defense initiative & \$60Bn toward nuclear enterprise modernization

#### DEFENSE ACQUISITION OVERHAUL

- » Efficiencies: The budget emphasizes cost-effective solutions, with potential cuts to major weapon systems experiencing significant cost overruns
- » The proposed budget represents a 13% increase from the 2025 fiscal year spending levels, which would be the largest single-year increase since 2004, during the early years of the Iraq War
- » Space force: Included in the Air Force's proposed budget is \$40Bn toward the Space Force, which represents a 30% increase in funding from FY25

The Trump administration has announced plans to overhaul defense acquisition processes to improve efficiency and reduce bureaucratic delays

- » Focus on innovation: An emphasis on adopting cutting-edge technologies to maintain military superiority
- » Cost control measures: Efforts are aimed at controlling costs by streamlining procurement practices and reducing waste in defense spending
- Industry partnerships: The administration is advocating for strong ties within the private sector, including non-traditional contractors, to help foster innovation and expedite deliveries

#### SPACEX & ANDURIL EPIRUS 💥

The competitive landscape is shifting, with new venture-backed players taking stage

- Commercial tech interest in national security has grown significantly, extending into space infrastructure
- Despite this interest, venture-backed companies were awarded less than 1% of the \$411Bn defense contracts in fiscal year 2023
- The Trump administration could offer unique insight into these challenges of navigating the defense acquisition processes

## SPOTLIGHT: DOD FY2026 BUDGET PROPOSAL

#### **BUDGET OVERVIEW**

#### ADDITIONAL COMMENTARY

- » The FY2026 DoD budget represents a 13.4% increase over FY2025
- » Initial investment in Golden Dome includes the procurement of Patriot missile defense systems, advanced sensors, and space-based missile interceptor systems
- » Investment in all three legs of the nuclear triad includes \$10.3Bn for the B-2 bomber, \$11.0Bn for the Columbia-class submarine, and \$4.2Bn for the Sentinel ICBM
- » Shipbuilding investments include funding for 19 new ships, versus 14 in FY2025, as well as ~\$11Bn for two Virginia-class submarines

#### » The 2026 DoD budget request of **\$961.6 Bn** was published in June-25

» It included \$848.3 Bn of discretionary funding and \$113.3 Bn in congressional reconciliation, primarily aimed at shipbuilding, munitions, and missile programs



#### KEY BUDGET REQUESTS



» Requests \$25Bn in funding for the Golden Dome for America missile defense program



Reduces the procurement of the F-35 Lightning II from 74 to 47 units



» Requests a combined \$12.9Bn for conventional, nonhypersonic, and hypersonic munitions



» Requests \$3.5Bn in funding for the F-47 & NGAD program



» Requests \$60Bn in funding for the **nuclear triad** and modernization efforts



» Requests \$1.2Bn in funding for the Office of Strategic Capital

## "UNITED STATES OFFICE OF SHIPBUILDING"

- » Reinvigorating the US shipbuilding industry is a key DoD priority
- » The Trump administration announced plans to form a "United States Office of Shipbuilding"
- » US Shipbuilding Challenges: Decline in domestic shipyards, manufacturers, and suppliers has led to a reduced workforce and output
- » China's Shipbuilding Capabilities: Chinese shipyards are reportedly producing significantly more tonnage than their US counterparts
- » Long Range Plan: America's fleet of battle force ships is falling in size, with many vessels reaching the end of their extended service life



## RAMP UP IN US ARTILLERY PRODUCTION

#### **REPLENISHMENT OF 155MM MUNITIONS IS A HIGH-PRIORITY**

- » Since the beginning of the Ukraine-Russia conflict, the US has tripled its output of 155mm shells
- » Production shows strong indicators of continued growth to 100k units per month in early 2026, which is delayed from the previous goal of October 2025
- » The Army's goal of 100k units per month by 2026 will require further investment in metal parts manufacturing, load-assemble-pack (LAP) facilities, and propellant production

#### **SUPPLY CHAIN ISSUES**

- » To reach 100k complete units/month, issues surrounding explosive material and propellant must be addressed
- » The US has not produced TNT domestically since the mid-1980s, relying on imports from both Russia & Ukraine
- » Built additional domestic sources for propellant to alleviate supply chain pressure on General Dynamics' Valleyfield, Canada facility



#### ARMY 155MM HISTORICAL AND PROJECTED CAPACITY: PATH TO 100K



## MISSILE DEFENSE MOMENTUM

## LOCKHEED MARTIN RECEIVES US MISSILE DEFENSE PACT CONTRACT

Contract Detail	Overview/Highlights			
Duration	Covers 10 years, from July 2025 – June 2035	Lockheed Martin's new		
Awarding Agency & Value	Up to \$2.97Bn, awarded by the US Missile Defense Agency (MDA) under a sole-source contract	Aegis missile defense contract strengthens its position as the core engineering and software partner for US sea, land,		
Scope	All phases of software & engineering to support the Aegis ballistic missile defense			
Coverage	Navy cruisers & destroyers, Aegis Ashore sites (Poland/Romania), Aegis Guam system, Hypersonic Glide Phase Interceptor (GPI) capabilities	and hypersonic defense capabilities		
Technical Focus	Enhances detection, engagement, threat assessment, supports multi-year technological upgrades	, 		

## ANNUAL PAC-3 MSE PRODUCTION YOY (# OF UNITS)



## **US MISSILE & DEFENSE FUNDING**

- » The sharp rise in missile orders, including multi-year contracts from the US Army and allied nations, underscores how evolving threats from ballistic and cruise missiles are prompting countries to rebuild and modernize their air defense stockpiles
- » Lockheed Martin's PAC-3 MSE missile production has surged, growing 30% in 2024 and aiming for a 20% increase in 2025, intending to produce 650 missiles annually by 2027



(\$) in billions

- » Missile defense funding has seen major boosts, including a proposed \$25Bn Golden Dome missile defense initiative, of which Lockheed is set to be a prime beneficiary
- » This surge in funding is driven by heightened global threats and geopolitical tensions, as the DoD seeks to strengthen homeland security, expand missile defense capabilities, and revitalize the US defense industrial base

# COMMERCIAL AEROSPACE SECTOR OVERVIEW

## PUBLIC MARKET PERFORMANCE

Company	Share 52-	Market Cap.	EV/Re	venue	EV/EBITDA		
Company	Price	Wk.High	(\$bn)	NTM	LTM	NTM	LTM
AIRBUS			159.95				19.0x
<b>BOEING</b>	212.03	218.8	159.87	2.2x	2.8x	35.5x	-
- Parker	711.46	718.44	90.91	4.9x	5.0x	18.7x	18.9x
	1,511.65	1,528.45	84.90	11.7x	12.4x	21.7x	25.1x
HEICO	318.84	328.63	38.58	8.9x	9.9x	33.1x	36.2x
Aero Engines			22.93				
			4.51				-

#### NOTABLE COMMERCIAL AERO TRANSACTIONS

Date	Target	Acquirer		Description
6/16	AIR TRANSPORT COMPONENTS	<b>ae</b> Industrial Partners	»	Provides leasing, cargo transportation, and aviation services for commercial airlines
5/21	WEST	GREENBRIAR	»»	Provides maintenance, repair, overhaul, and refurbishment services for commercial and business aircraft
5/29	5 SERVOTRONICS		»	Manufactures single and multi-stage servo valves for major commercial aerospace platforms
4/29	Senior Aerostructures Unit	M SULLIVAN STREET	>>>	Manufactures precision-engineered components for commercial aircraft, including fluid systems and structural components
4/22	Digital Aviation Solutions	THOMABRAVO	»	Provides advanced software, data analytics, and digital solutions for commercial airline operations
4/21		HEICO	»»	Designs and manufactures cabin electronics, displays, and in-flight entertainment systems for commercial aircraft platforms

» Major commercial aerospace players showed positive recovery trends after a period of moderate performance

» Commercial aerospace M&A activity slowed in Q2 in favor of defensefocused acquisitions. Major players TransDigm and HEICO continued to make transactions, while Senior and Boeing both sold business units to private equity groups

## PARIS AIRSHOW RECAP

#### COMMERCIAL SUCCESSES

#### **KEY TAKEAWAYS**

- » The Paris Airshow saw Airbus dominating the spotlight after Boeing's withdrawal, which coincided with other challenges, including US tariffs and international tensions
- » Defense was a key portion of the PAS, as European budgets and priorities shift
- » Rolls-Royce secured orders for over 140 units of Trent XWB-97, Trent 7000, and XWB-84 engines
- » Emerging players, including Archer Aviation and Eve Air Mobility, showcased eVTOL concepts on the back of an executive order to establish a pilot program in the US
- » Narrowbody and regional jets saw increased popularity as total order volume beat Farnborough 2024

**KAL** 

Capital



## BOEING – DELIVERIES ON THE RISE DESPITE ABSENCE



© KAL Capital, 2025

## **GLOBAL AIRLINES HAD MIXED Q2 2025 RESULTS**

## FOREIGN PASSENGER ARRIVALS SLOWS AT TOP 10 US AIRPORTS

Source: Bureau of Transportation Statistics



- » Foreign travel to the US declined sharply in Q1 2025 due to heightened political tensions, stricter immigration policies, and rising tariffs
- » Top US airports have reported slower passenger arrivals in Q2 2025 compared to 2024 levels

#### US TSA CHECKPOINT NUMBERS - TOTAL TRAVELER THROUGHPUT

- » TSA data for the number of passengers traveling on airplanes originating in the US remains remarkably resilient through YTD-25
- » Despite higher prices and economic uncertainty, demand has remained steady, with daily averages about 2mm through Q2



#### US AND EUROPEAN AIRLINES - 2025 YTD RETURN (%)



» In Q2, international commercial airline stock performance was driven by an increase in global travel; however, domestic commercial airlines continue to lag behind their international counterparts due to weaker foreign passenger arrivals, ongoing economic uncertainty, and recessionary fears

Source: Bureau of Transportation Statistics

**RECENT TRANSACTIONS** 





KAL Capital Markets LLC 3738 Bayer Ave. Suite 103 Long Beach, CA 90808 www.kalcap.com



**Trevor Bohn** Partner (949) 404-4203 trevor@kalcap.com



Ryan Murphy Partner (949) 404-4204 ryan@kalcap.com

This presentation has been prepared by KAL Capital Markets LLC ("KAL Capital") for the exclusive use of the party to whom KAL Capital delivers this presentation (together with its subsidiaries and affiliates, the "Recipient") using publicly available information. KAL Capital has not independently verified the information contained herein, nor does Salem make any representation or warranty, either express or implied, as to the accuracy, completeness or reliability of the information contained herein, or any other information (whether communicated in wither oral form) transmitted to or made available to the Recipient. Any estimates or projections as to events that may occur in the future (including projections of revenue, expense, net income and stock performance) are based on publicly available information as of the date of this presentation. There is no guarantee that any of these estimates or projections will be achieved. Actual results will vary from the projections and such variations may be material. Nothing contained herein is, or shall be relied upon as, a promise or representation as to the past or future. KAL Capital expressly disclaims any and all liability relating to or resulting from the use of this presentation.

This presentation has been prepared solely for informational purposes and is not to be construed as a solicitation or an offer to buy or sell any securities or related financial instruments. The Recipient should not construe the contents of this presentation as legal, tax, accounting or investment advice or a recommendation. The Recipient is urged to consult its own counsel, tax and financial advisors as to legal and related matters concerning any information described herein. This presentation does not purport to be allinclusive or to contain all of the information that the Recipient may require. No investment, divestment or other financial decisions or actions should be based solely on the information in this presentation. The Recipient should not rely on any information contained herein.

This presentation has been prepared on a confidential basis solely for the use and benefit of the Recipient. The Recipient agrees that the information contained herein and in all related and ancillary documents is not to be used for any other purpose, that such information is of a confidential nature and that Recipient will treat it in a confidential manner. Distribution of this presentation to any person other than the Recipient and those persons retained to advise the Recipient who agree to maintain the confidentiality of this material and be bound by the limitations outlined herein, is unauthorized without the prior consent of KAL Capital. This material must not be copied, reproduced, distributed or passed to others at any time without the prior written consent of KAL Capital.