

OTTO

AVIATION



MEDIA KIT

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ABOUT OTTO

→ Otto Aviation is an advanced aerospace company committed to transforming private and regional aviation through innovative aircraft design. Headquartered in Fort Worth, Texas, Otto is developing the Phantom 3500, a new, clean-sheet design aircraft that establishes – and leads – a new category in highly efficient, affordable, and sustainable business jet aviation. Learn more at ottoaviation.com

PHANTOM 3500

SPECIFICATIONS

Maximum Take Off Weight	19,000 pounds
Basic Operating Weight	11,700 pounds
Dimensions	64' W x 58.3' L x 17.7' H
Cabin Volume	800 cubic feet
Cabin Height	6'5"
Cabin Length	22 feet
Cabin Width	7'6"
Max Passengers	9
Maximum Range	3,500 NM
NBAA 4 PAX Range	3,200 NM
Cruise Altitude	51,000 feet
Maximum Mach Speed	.8 Mach
Long Range Cruise Speed	.78 Mach
Balanced Field Length	< 3,500 feet
Operating Cost	50% less than an average Super-Mid jet



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PHANTOM 3500

EVOLUTION
IN FLIGHT

→ Otto Aviation's Phantom 3500 business jet is 60% more fuel efficient than existing business jets, and when using sustainable aviation fuel, will reduce carbon emissions by 90%.

The Phantom 3500's lightweight, fuel-efficient design reduces the amount of fuel required, which allows for a more spacious cabin without compromising range or performance. Otto's design allows for 50% lower operating costs, further reducing the total cost of ownership.

GROUNDBREAKING INNOVATION FOR A SMARTER WAY TO FLY

Otto is redefining what's possible in aviation. By pioneering full laminar flow technology, we've created the most aerodynamically efficient aircraft ever designed—delivering super-midsize jet performance at half the operating cost and a fraction of the environmental impact. The Phantom 3500 is a masterpiece of engineering. At Otto, we've set a new standard in private jet flight where performance and sustainability exist in perfect harmony.

• **35%** LESS DRAG

• **50%** LESS FUEL

• **90%** LESS EMISSIONS

OUR MISSION

At Otto, we envision a future where flight is radically more efficient, dramatically more sustainable, and accessible like never before. By pioneering full laminar flow aircraft, we are not just improving aviation—we are redefining it.

LAMINAR FLOW



61%

More fuel efficient

Reduce carbon
emissions by up to

90%

*with the use of sustainable
aviation fuel

50%

Lower operating costs

OTTO'S LAMINAR FLOW BREAKTHROUGH

Because the company has mastered laminar flow technology, Otto will forever change aviation by reaching the global goal of carbon neutrality decades before the industry's goal of 2050.

Laminar flow technology doesn't just improve one aspect of aircraft design—it creates self-reinforcing virtuous cycles that drive exponential gains in efficiency, operating cost, manufacturing cost, and sustainability.

The Power of Otto Aviation's Virtuous Cycles

EFFICIENCY MANUFACTURING PERFORMANCE

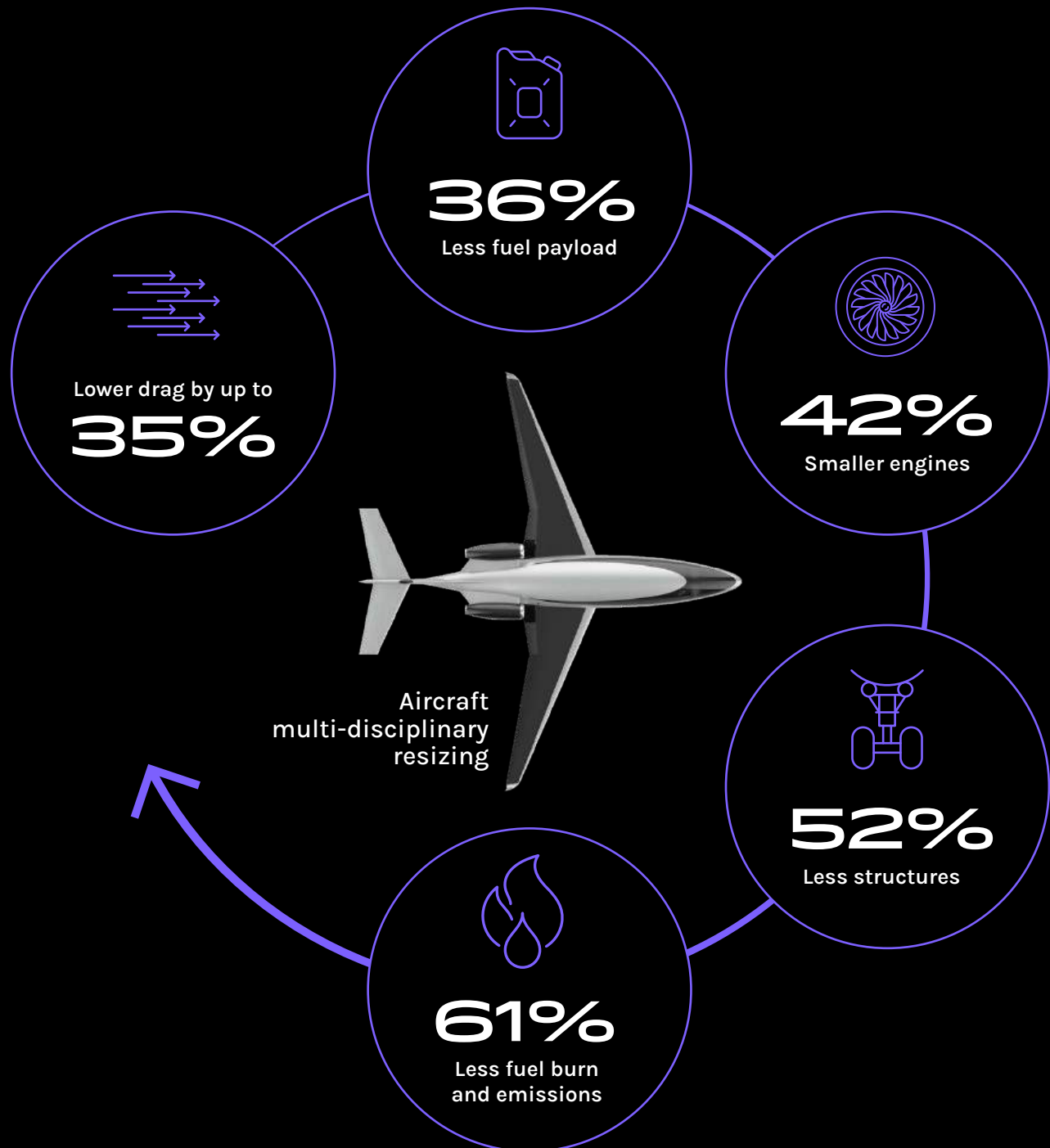
Improved aircraft are just the first step. Otto's laminar flow breakthrough triggers broader shifts that will reshape aviation as we know it. At the core of this transformation are Otto's Virtuous Cycles, each compounding the impact of our laminar flow technology, advanced manufacturing, and scalable production.



These virtuous cycles work together to accelerate efficiency, reduce costs, and redefine the economics of aviation.

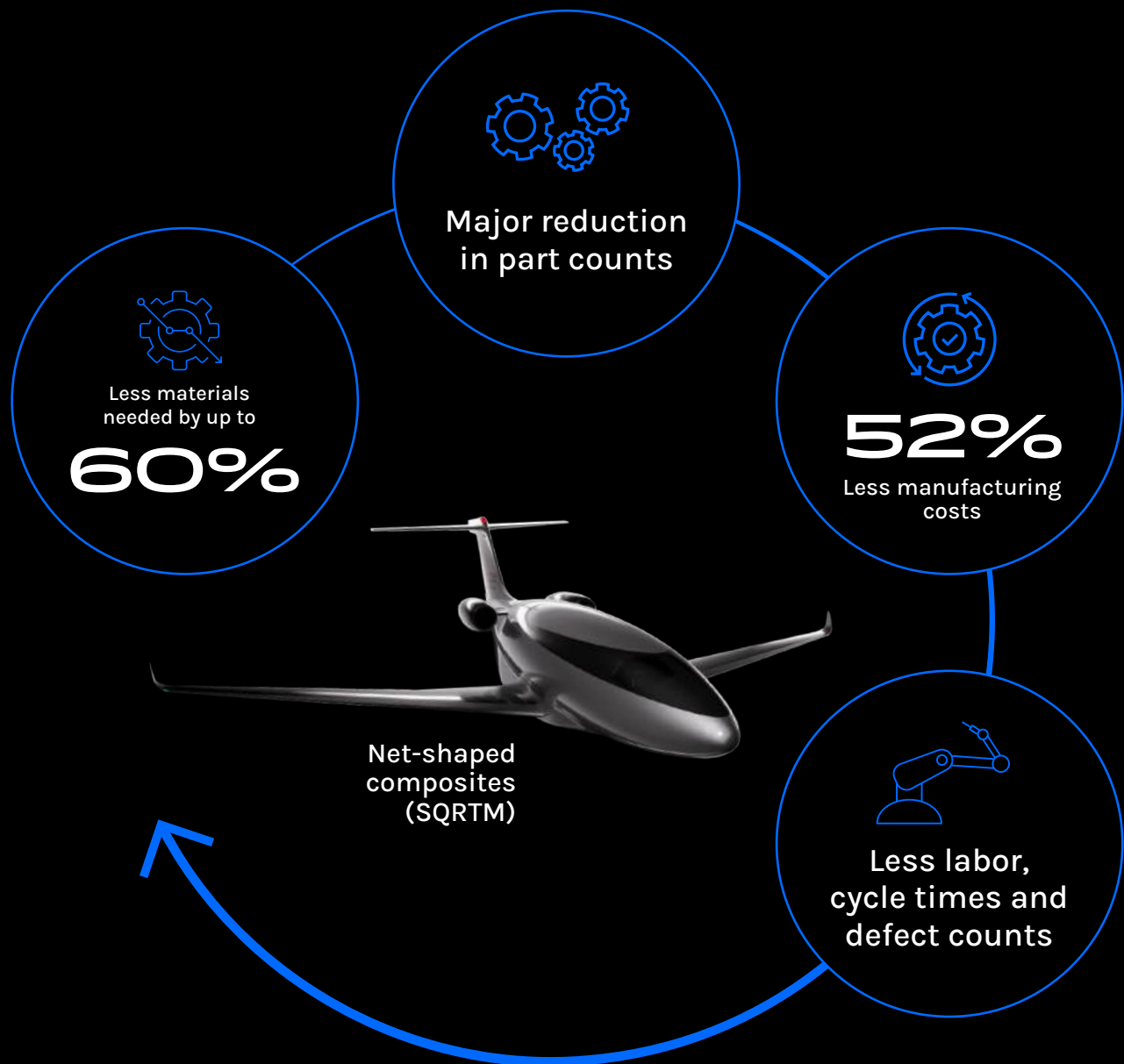
THE VIRTUOUS CYCLE IN DRAG REDUCTION

Laminar flow reduces aerodynamic drag to levels never achieved in commercial aviation. Unlike traditional designs that suffer from turbulence and inefficiencies, Otto's aircraft maintains smooth airflow, unlocking a powerful cycle of improvement. This continuous cycle means every Otto aircraft operates at peak efficiency, driving down operational costs while setting new industry standards for sustainability and performance.



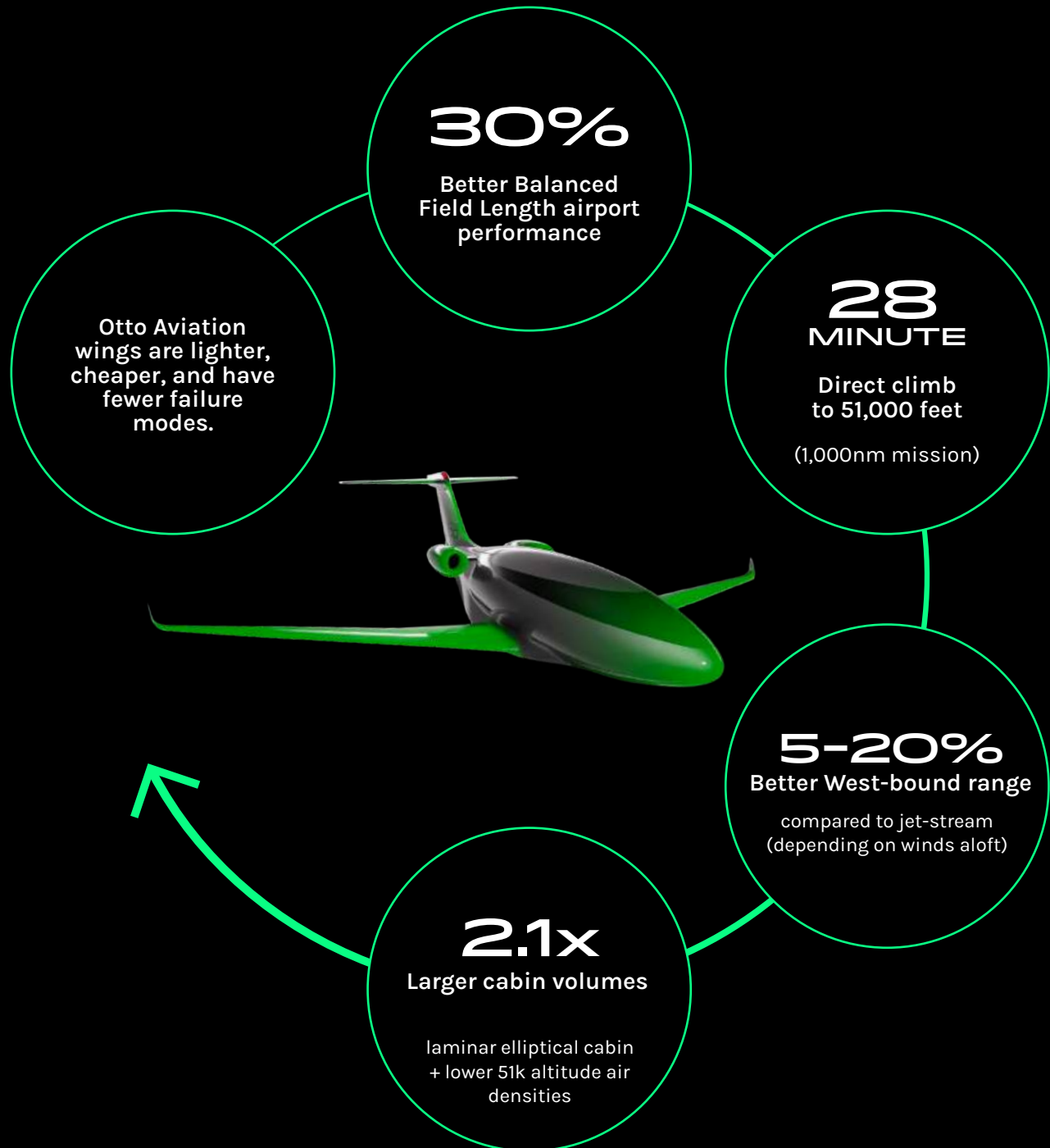
THE VIRTUOUS CYCLE IN MANUFACTURING

Innovative design leads to innovative manufacturing. Traditional aerospace manufacturing is slow, expensive, and restricted by outdated production methods. Our advanced design philosophy eliminates these bottlenecks, creating a cycle of efficiency in manufacturing. This manufacturing cycle ensures that Otto aircraft can be produced at scale, making high-efficiency flight more accessible to operators worldwide.



THE VIRTUOUS CYCLE IN PERFORMANCE

At Otto, we didn't settle for increased efficiency. We're redefining what's possible in speed, range, and sustainability. Traditional aircraft design has long been restricted by high drag, high fuel consumption, and rising operational costs. Our full laminar flow technology also unlocks a cycle of performance improvements.



SUPER NATURAL VISION™

Super Natural Vision™ redefines the passenger experience by replacing traditional windows in the rear cabin with state-of-the-art high-definition digital displays that seamlessly integrate real-time external views. This innovation eliminates the structural and aerodynamic compromises of conventional windows while delivering an immersive, panoramic visual experience. Passengers enjoy stunning, uninterrupted views of the sky and landscape, all while benefiting from the enhanced aerodynamics and efficiency that come with complete laminar flow design. Super Natural Vision transforms the way we experience flight, offering the beauty of the journey like never before.



A NEW
PASSENGER
EXPERIENCE

EXECUTIVE SPOKESPEOPLE

Decades of aerospace, defense, and engineering expertise to advance the aviation industry to new heights.



Paul Touw

Chief Executive
Officer & Director

As Chief Executive Officer, Paul leads the company with a singular focus: building the most efficient and advanced aircraft of the modern era—leveraging laminar flow technology to transform sustainable flight from concept into reality.

A visionary entrepreneur with a passion for progress and a relentless drive to create positive change, Paul brings a deep track record of leadership across aviation, government, and enterprise technology. The engineer and private pilot previously founded XOJET, a private charter aviation company that redefined access to business jet travel, and co-founded Ariba, an innovative supply chain visibility platform now part of SAP. He also served as Senior Advisor and Chief Strategy Officer in the U.S. Department of State's Bureau of Economic Growth, Energy, and the Environment, helping shape policy at the intersection of technology and global development.

The common thread across Paul's pursuits is transformation—pinpointing challenges and delivering revolutionary solutions. He holds a bachelor's degree in engineering physics and mechanical engineering from the University of the Pacific.



Scott Drennan

Chief Operating
Officer & President

As President and COO, Scott leads day-to-day operations while advancing a bold mission: to redefine aircraft performance with 30% greater aerodynamic efficiency, 60% lower fuel burn, 90% fewer emissions using SAF, and up to 50% cost savings.

Scott has spent nearly 30 years pushing the boundaries of aerospace and defense innovation, reimagining what flight could be and making it real. Known for visionary leadership and systems-level thinking, he's helped shape the future of air mobility at companies like Bell Helicopter, where he last served as vice president of Innovation and Advanced Concepts and was integral to a dozen military and commercial aircraft certification programs.

He also served as Chief R&D Officer at Supernal and is an advisor to several start-ups, guiding teams with a creative and growth mindset. A former NASA Aeronautics Committee member and FAA-designated engineering representative, Scott earned his aerospace engineering degree from the University of Maryland.

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EVOLUTION IN FLIGHT

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