

AMBITIOUS GOALS SHARED VISION

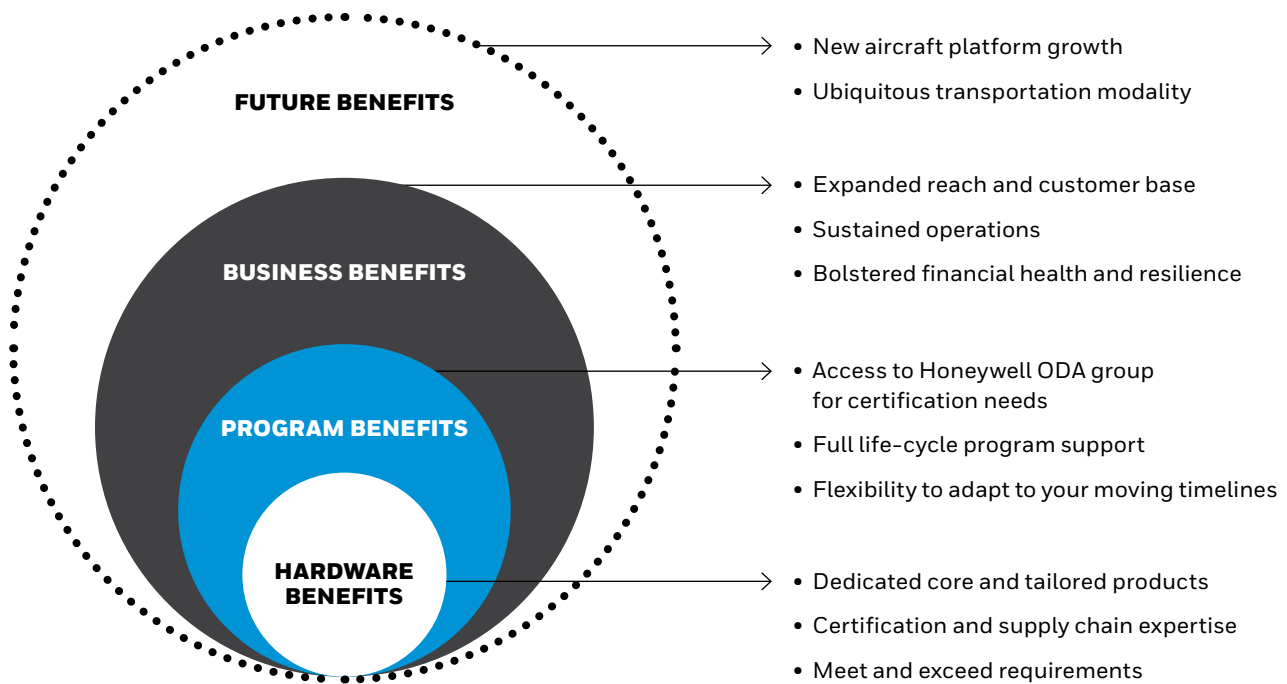
Co-Innovate with Honeywell



Honeywell

A PARTNERSHIP APPROACH

Finding the right supplier for your vehicle needs is not enough. You need a true partner who understands success is about more than just technology in a box. It requires a comprehensive approach that encompasses experience, iteration, integration, and unwavering support.



1 HARDWARE BENEFITS

Aircraft and system-level integration expertise.



2 PROGRAM BENEFITS

Troubleshoot, compress schedule and meet development milestones. De-risk with integration expertise.



3 BUSINESS BENEFITS

Aftermarket maintenance programs and global servicing of aircraft, combined with high-volume manufacturing, generate extra revenue streams for businesses.



4 FUTURE BENEFITS

Future gains involve refining operations and vehicles, seizing new opportunities, and scaling due to the aircraft's pervasive role in daily life.

YOU'VE CHOSEN HONEYWELL FOR A REASON

THE PURSUIT OF RAPID INNOVATION

You often ask yourself, 'Can my team learn fast enough? Can the program or partners adapt to my changing needs fast enough?' We provide the flexibility you need to meet shifting timelines while accelerating your time to market.

COMPREHENSIVE SOLUTIONS ACROSS THE ENTIRE AIRCRAFT

The needs of the AAM industry require a specialized approach. We've built a dedicated business unit that combines our proven expertise in certification with a start-up mentality, fostering agility, innovation, and adaptability. With this unique blend, we address the intricacies of each customer, providing comprehensive solutions that encompass the entire aircraft system.

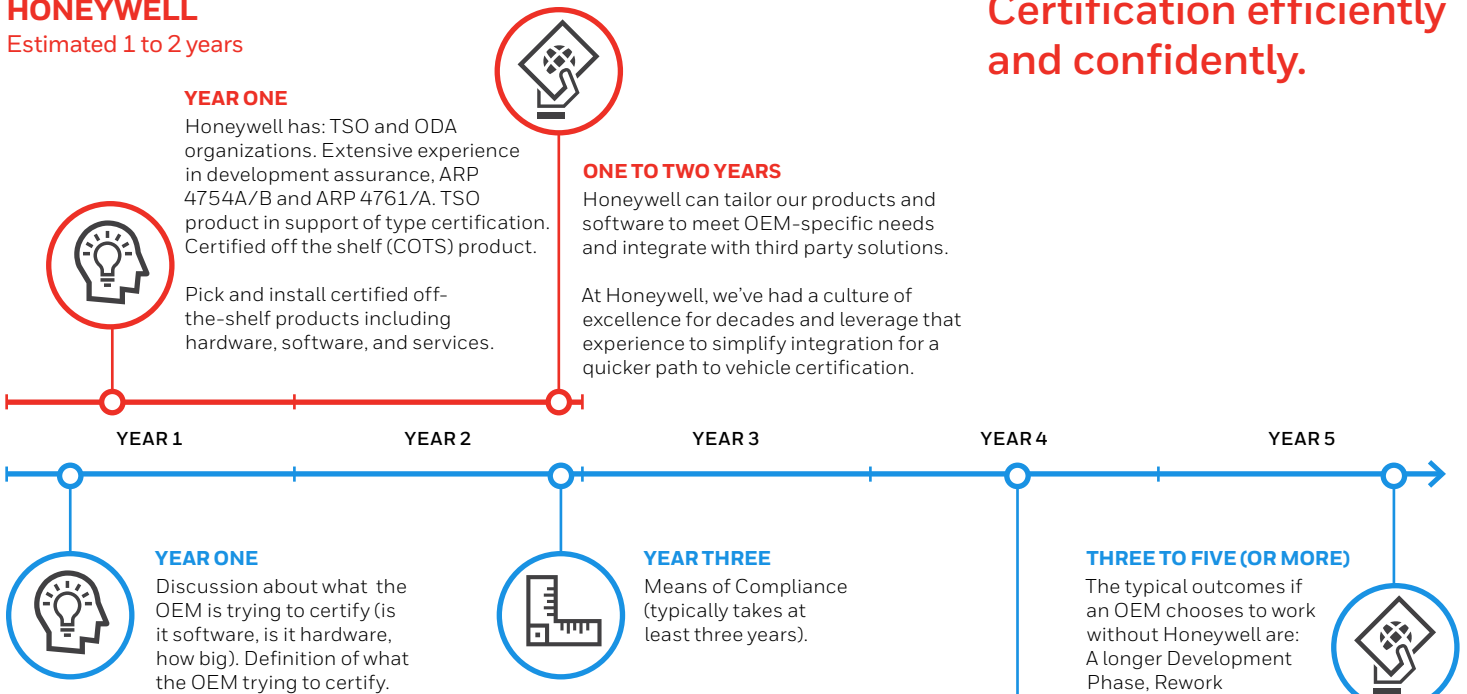
EASIER PATH TO CERTIFICATION

With extensive industry expertise in AAM vehicle certification, we deeply understand the landscape's ever-changing demands. We collaborate closely with you to navigate the complexities and ensure your success.

Timeline to Certification

WITH HONEYWELL

Estimated 1 to 2 years



Achieve Vehicle Certification efficiently and confidently.

Timeline to Certification

WITHOUT HONEYWELL

Estimated 3 to 5 years

ACCELERATE FROM VISION TO CERTIFICATION

| How to leverage our team for your success.

EXPLORATION MODE

Identify the exact requirements – what are the specific mechanical and electrical aircraft interface?



INITIAL BUSINESS CASE DRAFT

An OEM starts exploring what they want to do via creation of Statements of Work.



Continue to validate you're building the right design to the requirements and that the requirements haven't changed.

JDP

Joint Definition Phase.

INTEGRATION + CERTIFICATION

Integration of the products into the vehicle. Identify and mitigate the certification risk.



PDR

Preliminary Design Review.

INITIAL TECHNICAL REQUIREMENTS DRAFTED



SOW AGREED

SOW agreed to with compliance matrices.



SIGN LONG TERM AGREEMENT



CULTURAL FIT

Relationship building.

LUAR

Laboratory Unit Acceptance Review. Beginning of the prototyping phase.



WE WORK HAND IN HAND WITH YOU FROM START TO COMPLETION

EXECUTION MODE

The transition from paper design to a tangible product is critical.



BUILDING CERTIFIED PRODUCTS

CDR

Critical Design Review. Where you freeze the design. No more changes on that particular configuration.



FLIGHT TEST CAMPAIGN



TIA

Type Inspection Authorization.



EIS
Entry Into Service.

TYPE CERTIFICATION

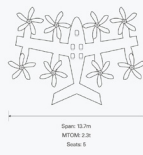


VALIDATION + VERIFICATION STAGES

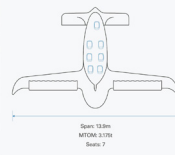
Which leads to qualification.



Tilt Rotor



Lilium



WHAT'S IN IT FOR ME?

Helping you move forward, drive value and deliver expertise to your most important stakeholders.



PILOTS



“As a pilot, I need advanced air mobility aircraft to be equipped with state-of-the-art technology that allows for real-time decision making, efficient navigation, and enhanced safety measures. This will enable us to provide a seamless and reliable transportation experience for our passengers.”



PASSENGERS



“I need a safe, efficient, and sustainable mode of transportation. I want to be able to travel within metropolitan areas without the hassle of traffic congestion, while also reducing my carbon footprint. Comfort and convenience are also important to me, so I expect a high level of customer service and delivery from my advanced air mobility experience.”



REGULATORS



“I need advanced air mobility aircraft to meet the highest standards of safety, efficiency, and sustainability. I want to ensure that these aircraft are operated in a responsible manner that prioritizes the well-being of passengers, pilots, and the environment. Robust regulatory frameworks and oversight are essential for the successful integration of advanced air mobility into our transportation systems.”

PILOT SOLUTION HONEYWELL ADVANCED AIR MOBILITY



This aircraft is easy to fly

PASSENGER SOLUTION HONEYWELL ADVANCED AIR MOBILITY



This is a comfortable way to get around

REGULATOR SOLUTION HONEYWELL ADVANCED AIR MOBILITY



We have full confidence with Honeywell technology onboard — this is a safe aircraft

THE BEGINNING OF ENDLESS POSSIBILITIES

Igniting a new era in aviation, together.



“I think that combo of agile startups with incumbents with entrepreneurial spirits, with all the capabilities of Honeywell, is how we do aerospace going forward.”

MICHAEL CERVENKA, VERTICAL AEROSPACE



LET'S TACKLE YOUR BIGGEST CHALLENGES

| The daunting task of building a brand new aircraft design.

CHALLENGE 1



CAN I NAVIGATE RISK WHILE STILL INNOVATING?

With numerous “new” factors to consider – new designs, propulsion systems, architecture, markets, customers, certification standards, and operational methods – the environment becomes high-risk.

With our unrivaled expertise and abundant resources, we are poised to help de-risk your journey.

Our aerospace certification and qualification guidance provide the assurance and confidence you need. Additionally, our lightweight designs optimize performance while maintaining utmost safety standards.

Experience peace of mind knowing our solutions have you covered, ensuring a successful and innovative path towards your aircraft goals.

CHALLENGE 2



WILL MY AIRCRAFT FLY?

At the heart of every new aircraft project ultimately lies a critical question: Am I designing a technically sound aircraft that can profitably take flight?

We delve into this challenge, exploring the intricate factors that contribute to its success.

From market analysis and financial considerations to optimized design and engineering strategies, we provide insights that help you make informed decisions, ensuring your project achieves viability and profitability.

CHALLENGE 3



WILL MY AIRCRAFT MEET SAFETY CERTIFICATION STANDARDS?

Safety is paramount in the aviation industry. New aircraft must meet rigorous safety certification standards to ensure passenger well-being and operational integrity.

We can help navigate the complexities of safety certification, highlighting key considerations and regulations.

By providing a comprehensive overview of the certification process, we empower you to develop aircraft designs that meet the highest safety standards, assuring both regulatory compliance and peace of mind for passengers and stakeholders.

CHALLENGE 4



CAN I MAKE THESE NEW CERTIFIED AIRCRAFT AT SCALE?

Successfully transitioning from a prototype to large-scale production is a unique challenge. Together, we explore the intricacies of manufacturing processes, supply chain management, and quality control.

With insights on optimizing production methods and leveraging cutting-edge technologies, we equip you to overcome hurdles and ensure your design is certifiable, at scale.

MEET THE TEAM

Our Advanced Air Mobility Team is an independent center of excellence for developing future technologies to deliver a new era of aviation. From vision to certification, we leverage Honeywell's over one hundred years of experience and success to accelerate the path from exploration to execution.

POSITIONED TO SUCCEED

Established in 2020 and operating as a start-up, we're able to leverage Honeywell's industrial might, while benefiting from the speed of thought and action of an independent entity to deliver a sustainable, inclusive and responsible future for aviation. As an early mover in the AAM space, we've gained an inherent understanding of the challenges and opportunities, and are now uniquely positioned to address this exciting, yet complex emerging market. We have already secured over \$10b in customer awards across numerous AAM platforms. We have our own business development, program management and customer account teams, giving us the flexibility to pivot and respond to customer requests wherever and whenever with the speed, efficiency and agility of Silicon Valley.

DELIVERING INNOVATIVE SOLUTIONS

Only Honeywell's Advanced Air Mobility Team can deliver 'nose-to-tail' solutions. Our technologies address the core challenges of AAM and deliver innovative solutions to our customers and partners. We are not an OEM; we don't build flying machines—we deliver the critical systems that will allow yours to take off.

Our portfolio comprises of three types of technology:

Existing Technologies – with over 100 years of aerospace engineering and innovation behind us, no one knows aviation like Honeywell. Our existing portfolio of products from navigation systems, sensors and safety systems have helped shaped the aviation industry – and are as relevant tomorrow as they are today.

Modified Technologies - by listening to our customers, we understand the unique challenges of advanced air mobility. Through the VoC methodology we can leverage existing technologies and modify them for the AAM market. This often means taking good tech and making it lighter and smaller— while increasing performance and capability. We have the aerospace pedigree to integrate.

New Technologies - new challenges often require new thinking and new solutions. We're developing a suite of unique technologies for the AAM sector including ground control stations and autonomy features. Furthermore, we have the aerospace pedigree to integrate existing, modified and new technologies to meet the needs of our AAM customers.

PARTNER OF CHOICE

Our team's expertise is not limited to delivering next generation products. Just as importantly, it includes the intellectual property and relationships we share with OEMs, regulators and partners to help turn blueprints into reality. Through our broad aerospace experience and Honeywell brand equity, we can help open the right doors and facilitate the right conversations to accelerate the integration, adoption and certification of solutions for the advanced air mobility sector.

As a leader and Futureshaper of aerospace, we are proud to support and invest in the future of advanced air mobility. Together with our partners, we're building the future of aviation, today.



NEXT GENERATION TRANSPORT WITH NEXT GENERATION TECHNOLOGY

A comprehensive portfolio designed to elevate your AAM aircraft to new heights of performance, safety, and efficiency.



NEXT GEN NAVIGATION

Getting from point A to B more efficiently.



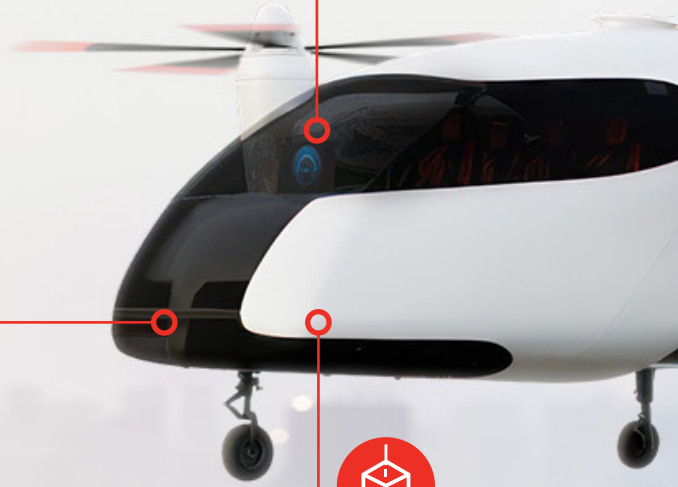
ELECTRICAL MECHANICAL ACTUATION

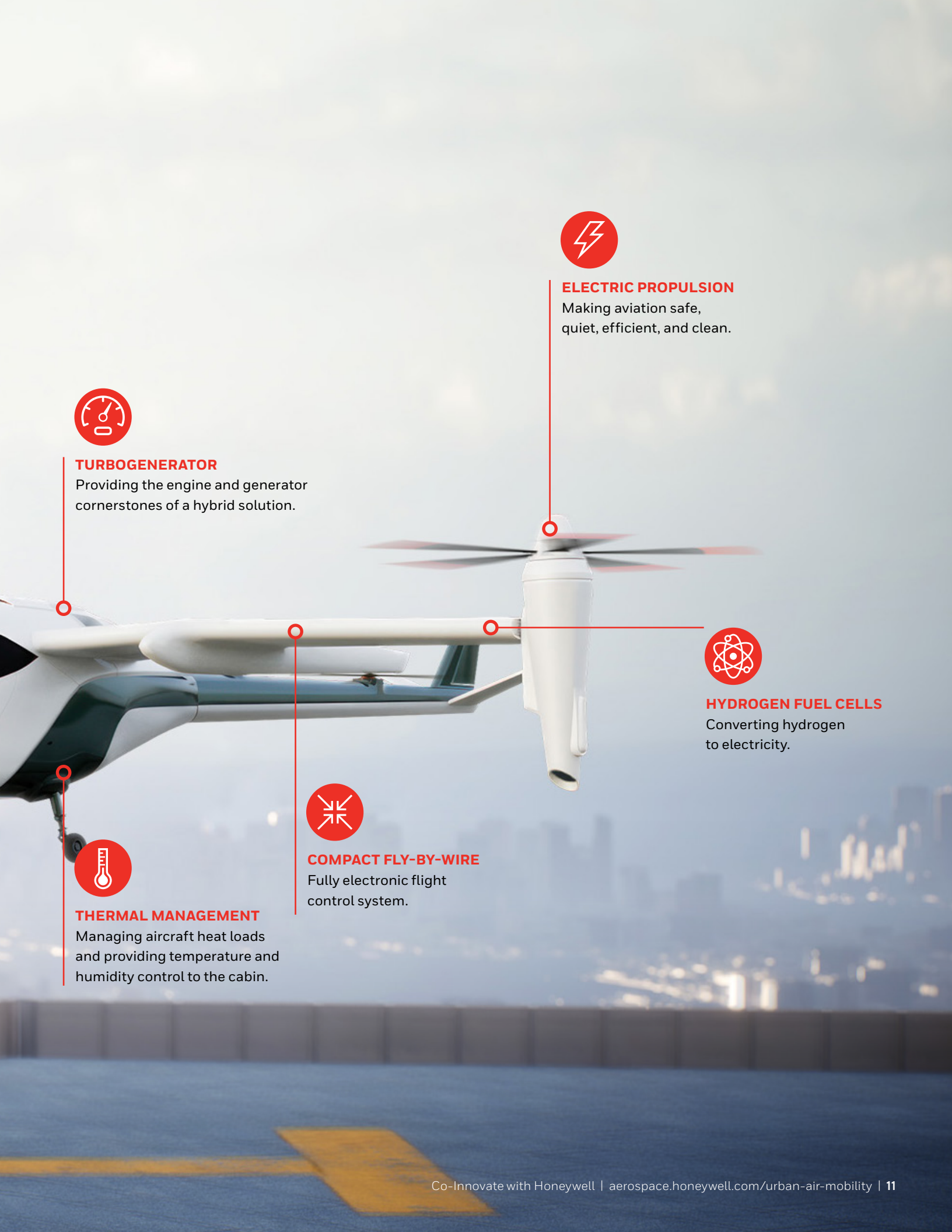
Converting electric energy into mechanical force.



INTEGRATED AVIONICS

A complete suite of solutions.





TURBOGENERATOR

Providing the engine and generator cornerstones of a hybrid solution.



ELECTRIC PROPULSION

Making aviation safe, quiet, efficient, and clean.



HYDROGEN FUEL CELLS

Converting hydrogen to electricity.



COMPACT FLY-BY-WIRE

Fully electronic flight control system.



THERMAL MANAGEMENT

Managing aircraft heat loads and providing temperature and humidity control to the cabin.

YOU PLAY A ROLE IN THE FUTURE OF SUSTAINABLE TRANSPORTATION

Your work is significant in advancing sustainability in aviation, but you aren't alone. Together, we can prove that reducing our environmental footprint is possible by reducing emissions and noise while improving connectivity through safe and efficient aircraft designs. And when we work side by side, we move closer and closer to creating a more sustainable future that transforms air mobility.



Scan to
Get Started

Honeywell Aerospace Technologies

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aerospace.honeywell.com/urban-air-mobility

10/24

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THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell