SEO Tags

1. **#personalvtol** - Relevant to the video's topic and helps users find content related to Personal Vertical Takeoff and Landing aircraft.
2. **#ultralightflying** - Targets viewers interested in ultralight flying vehicles, increasing discoverability for the video.
3. **#vtolaircraft** - Boosts visibility among those searching specifically for Vertical Takeoff and Landing aircraft.
4. **#bestflyingvehicles** - Highlights the video's focus on showcasing the top 12 best flying vehicles, attracting viewers seeking quality content.
5. **#aircraftreviews -** Attracts viewers interested in detailed reviews of aircraft, increasing engagement and reach for the video.

Script

TOP 10 Personal VTOL Aircraft

Hook

Have you ever wondered about today's top 10 most impressive electric vertical takeoff and landing (eVTOL) aircraft?

Intro

This video delves into the fascinating world of electric vertical takeoff and landing (eVTOL) aircraft.

With urban air mobility on the rise, eVTOLs have emerged as the go-to solution for reducing travel times, enhancing accessibility, and easing traffic congestion.

Let's embark on this journey through time and innovation together**.** But before we dive take a moment to subscribe to our channel **ElatedTopThings!**

Number 1: Joby Aviation- Joby S4

https://www.youtube.com/watch?v=vWni_rkj0V8&ab_channel=CNETHighlights

Joby Aviation, a California-based company, has worked on eVTOL aircraft for over ten years, starting in 2009. In 2012, they got the opportunity to collaborate with NASA on groundbreaking electric flight projects like the X-57 and LEAPTech.

Their latest creation, the Joby S4, is a five-seat electric aircraft capable of flying up to 150 miles on just one charge. What makes it stand out are its 12 tilt rotors, which enable Vertical Takeoff and Landing (VTOL) for a smooth and quiet flight experience. Excitingly, Joby

Aviation has teamed up with Toyota and Uber to create an eVTOL air taxi network soon. This partnership aims to revolutionize urban transportation and make air travel more accessible and efficient.

Number 2: Archer Aviation – Archer Maker

https://www.youtube.com/watch?v=lN0MK2PHgEo&ab_channel=Archer

Archer Aviation, a startup with ambitious goals, has secured $1 billion in funding to create innovative eVTOL aircraft for urban air mobility.

Their star product, the Archer Maker, is a remarkable four-seat aircraft capable of covering up to 60 miles at an impressive top speed of 150 mph. This exceptional performance is achieved through 12 rotors and a fixed-wing design, ensuring efficient lift and speed.

Looking ahead, Archer Aviation has set its sights on launching an exciting air taxi service in two major cities: Los Angeles and Miami. Their target date for this groundbreaking service is 2024, promising to revolutionize urban transportation and make air travel a reality for everyday commuters.

Number 3: Lilium – Lilium Jet

https://www.youtube.com/watch?v=ywJWka1evH8&ab_channel=Lilium

Lilium, a remarkable German company, has successfully engineered a one-of-a-kind eVTOL aircraft featuring 30 ducted fans that enable both vertical lift and forward thrust.

The impressive Lilium Jet is capable of carrying up to seven passengers and can cover remarkable distances, reaching up to 186 miles on just one charge. It has been thoughtfully designed for short and medium-haul trips, connecting cities efficiently.

What's even more exciting is that Lilium has already forged strong partnerships with several airlines and airports, laying the foundation for a promising future in urban air mobility. Their innovative aircraft is set to redefine the way we travel between cities, offering a greener and more sustainable solution for transportation.

Number 4: Vertical Aerospace VA – X4

https://www.youtube.com/watch?v=2QVUsYuN3Ho&ab_channel=VerticalAerospace

Vertical Aerospace, a pioneering British company, has crafted an impressive eVTOL aircraft featuring a sleek carbon fiber body and four efficient rotors.

The VA-X4, their flagship model, can transport up to four passengers and cover a remarkable distance of 100 miles while reaching an impressive top speed of 200 mph. With its successful completion of several test flights, the VA-X4 has proven its capabilities and readiness for the next big step.

Vertical Aerospace is set on the future, aiming to commence commercial operations by 2024. This means that soon, we might witness their cutting-edge eVTOL aircraft revolutionizing urban transportation and making air travel more accessible and efficient for everyone.

Number 5: EHang – EHang 216

https://www.youtube.com/watch?v=2WaYLNG5zX0&ab_channel=EHang

EHang, a pioneering Chinese company, has led in autonomous eVTOL aircraft development with its remarkable creation, the EHang 216.

This futuristic aircraft is designed to transport up to two passengers and covers distances of up to 22 miles, achieving an impressive top speed of 81 mph. Powered by eight propellers, the EHang 216 can operate without a pilot or crew, making it a true marvel of modern technology.

Already making waves in China, EHang has successfully launched its air taxi service in several cities and is on a mission to expand its innovative transportation solutions worldwide. With EHang at the forefront of autonomous eVTOL technology, the future of urban air mobility looks exciting and promising.

Number 6: Beta Technologies – Alia

https://www.youtube.com/watch?v=Dq7pXQ20YN8&ab_channel=XPlaneOfficial

Introducing Alia, the cutting-edge EVTOL aircraft by Beta Technologies. This remarkable aircraft is designed to accommodate six passengers and boasts eight electric motors and rotors, ensuring a smooth and efficient flight experience.

With an impressive range of up to 250 miles on a single charge, the Alia is perfectly tailored for both commercial and cargo transportation applications, opening up new possibilities for the future of air mobility.

Headquartered in Vermont, Beta Technologies has garnered considerable attention and support from major investors, including Amazon's Climate Pledge Fund. With such strong backing, Beta Technologies is poised to significantly impact sustainable aviation, pushing the boundaries of electric flight and shaping the way we transport people and goods.

Before we move to number 7, please consider to subscribe to "ElatedTopThings." Comment & share for more content!subscribing

Number 7: Volocopter – VoloCity

https://www.youtube.com/watch?v=QUC0YdgE_Ck

Meet VoloCity, the extraordinary four-person EVTOL aircraft developed by the innovative German startup, Volocopter. With a remarkable 18 rotors, this cutting-edge aircraft is purpose-built for urban air mobility, presenting exciting possibilities for air taxis and efficient transportation hubs.

Volocopter's dedication to progress is evident through the successful test flights of the VoloCity conducted in prominent cities like Singapore and Dubai. Moreover, the startup has formed strategic partnerships with renowned companies like Daimler and Geely, further solidifying its position as a significant player in the emerging world of EVTOL technology.

Number 8: SkyDrive SD-03

https://www.youtube.com/watch?v=58kEzTpPzS0&ab_channel=SkyDriveInc

5Japanese startup SkyDrive presents the SD-03, a thrilling EVTOL aircraft for two passengers. With four electric motors & rotors, it's tailored for personal transportation and air taxi services.

Having conducted successful test flights in Japan, SkyDrive plans to commercialize this technology by 2025. Exciting times are ahead for urban air mobility!

Number 9: Airspace Experience Technologies MOBi-One

https://www.youtube.com/watch?v=1LQtSvbgqrw&ab_channel=Elijah%27sDeliveryDronesStory

Michigan-based startup Airspace Experience Technologies presents the MOBi-One, a four-person EVTOL aircraft with six rotors on a tilt-wing and one on the VTOL's empennage.

It covers a range of up to 70 miles on a single charge, making it ideal for urban air mobility and transportation, serving passengers and cargo.

Airspace Experience Technologies has garnered support from investors like ShinMaywa Industries and formed partnerships with companies like Spirit AeroSystems.

Number 10: Alaka'i Technologies – Skai

https://www.youtube.com/watch?v=cPfBhZYKm2E&ab_channel=IoTAutomotiveNewsLtd

Meet the Skai, a remarkable five-person EVTOL aircraft by Alaka'i Technologies from Massachusetts. Utilizing hydrogen fuel cell technology, it offers extended range and zero emissions.

With six electric motors and rotors, the Skai is tailored for air taxi and emergency services.

Alaka'i Technologies has secured partnerships with companies like Honeywell and received funding from investors like Toyota and Airspace Experience Technologies.

Outro

Thanks for tuning in! We'd love to hear what you enjoyed most about this list. Leave your comments below, subscribe to **ElatedTopThings** for more exciting content, and don't forget to like and share. Stay connected for future updates!