



# CV



**PARTH  
DODIYA**

transportation design student

📞 Mobile: 09960599547

✉ Email: parth@dypdc.com



📍 Pune, India

## Career Objective

To gain experience in the field of design and also utilize my skills, in order to increase productivity of organization and individual growth.

## Business

Prakash Enterprises

Duration: 03 Years.

(Manufacturing of Sanitary parts, SS products)

Roles & Responsibilities:

1. Worked as a Team Leader.
2. Interact with users to resolve the queries, issues and problems.
3. Managing all kind of work like marketing, Customer enquiry, Designing, Production, Quality Checking.

## Traditional Skills

Good knowledge of Car Styling and Modelling. Prototyping using various materials like metal, clay & wood. Good knowledge of all machining processes like fabrication.

## Work Experience

Company Name : Prakash Engineering Works

Duration: 03 years.

Roles & Responsibilities:

1. Design & manufacturing of Fabricated Trolley, Tables, Hangers, Fixtures with proper dimensions.
2. Design & manufacturing of various machines like hydraulic overloaded device.
3. Providing high quality products to customers as per their requirement.

## 1 Internship

Duration: 03 months.



+



PEUGEOT

+



## 2 Internship

Studio 34 design studio

Duration: 03 months.

- worked as a designer and modeler



## 3 Internship

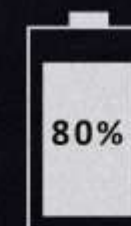


Gugu energy

Duration : 03 months.

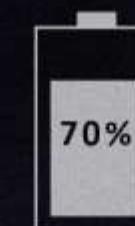
- worked as a modeler

## Digital Skills



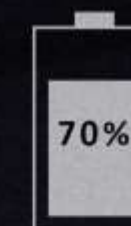
Ps

Adobe Photoshop



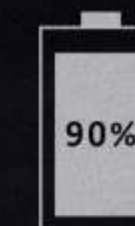
A

Autodesk Alias



V

Autodesk VRed



workshop

# C O N T E N T



MASERATI

" C A C C I A T O R E "

M C 1 2 C O N C E P T 2 0 2 0



Rolls-Royce

" D E S T I N Y "

F U T U R E C O N C E P T 2 0 5 0



" M A R S W A L K E R "

S P A C E S H U T T L E C O N C E P T 2 0 3 0



" T H E S C U L P T O R "

R E C R E A T I N G T H E P E U G E O T - 2 0 8





M A S E R A T I



MASERATI

A l f i e r i

S t o r i a

23 September

The early years : 1900-1920

- 1900 - A Family passion
- 1900 - Carlo Maserati: from bicycles to engines
- 1903 - Carlo Maserati aiming high
- 1908 - The death of Carlo
- 1913 - Alfieri's first workshop
- 1914 - A new address for the Maserati workshop
- 1915 - War doesn't stop the Maserati brothers
- 1918 - D'Annunzio flies with Maserati Spark Plugs

Worldwide acclaim : 1940-1960

- New Headquarters, new opportunities : 1940
- Maserati A6: the first Pininfarina Gran Turismo : 1946
- Victory in Nice and the end of an era : 1946
- The dawn of Formula 1 : 1950
- The Fangio era : 1954
- The great Ferrari-Maserati duel : 1956
- The big turnaround : 1957
- The most spectacular victory : 1957

Alfieri Maserati

The beginning of a dream

Rivals and records : 1920-1940

- 1920 - The Trident: a Mario Maserati creation
- 1922 - Alfieri takes Diatto to victory
- 1925 - Diego De Sterlich: a nobile friend
- 1932 - Racing world mourns Alfieri
- 1933 - The great Nuvolari
- 1937 - Partnership with Orsi
- 1939 - A win at Indianapolis

La Dolce Vita and Presidential status : 1960-1980

- The white dame and the shah of Persia : 1960
- Another Maserati win : 1961
- The Birdcage chassis : 1961
- Success of the Quattroporte at the Turin Motor Show : 1963
- Pavarotti at the wheel of the Sebring : 1965
- The Ghibli, Giugiaro's first masterpiece : 1967
- The Maserati Bora, Giugiaro does it again! : 1971
- An era of big changes : 1970
- The presidential car : 1978

Fearless: A History of Determination, Defiance and Distinction. 1914



M A S E R A T I



C A C C I A T O R E

M A S E R A T I M C 1 2 A C O N C E P T 2 0 2 0

DESIGN A FUTURE VISION  
RACE CAR WITH THE VALUES AND  
EMOTIONS OF MASERATI



MASERATI



# MASERATI MC12

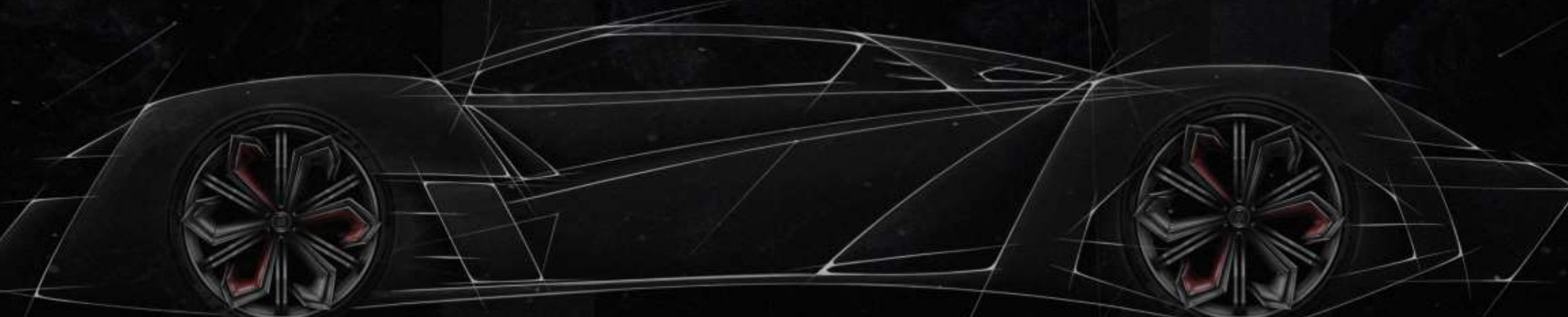
## Powertrain

Engine type V12  
 Displacement 6.0 l (366 ci)  
 Power 632 ps (624 bhp / 465 kw) @ 7500 rpm  
 Torque 652 Nm (481 lb-ft) @ 5500 rpm  
 Power / liter 105 ps (104 hp)  
 Transmission 6 speed  
 Layout middle engine, rear wheel drive  
 Curb weight 1335 kg (2943 lbs)  
 Dimensions 5.14 m (202 in) long  
 Wheelbase 2.80 m (110 in)  
 Power / weight 474 ps (467 bhp) / t  
 Torque / weight 488 Nm (360 lb-ft) / t  
 Introduced 2004  
 Origin country Italy



# MASERATI

## SPECIFICAZIONI



## MC12 Concept 2020

ENGINE SPECIFICATIONS	8.0 W16 (1,500 HP)
CYLINDERS	W16
DISPLACEMENT	7993 cm <sup>3</sup>
POWER	1103.3 KW @ 6700 RPM 1500 HP @ 6700 RPM
TORQUE	1480 BHP @ 6700 RPM 1180 lb-ft @ 2000-6000 RPM 1600 Nm @ 2000-6000 RPM
FUEL SYSTEM	Turbocharged Direct Injection
FUEL	Gasoline
PERFORMANCE SPECIFICATIONS	
TOP SPEED	261 mph OR 420 km/h
ACCELERATION	0-62 MPH (0-100 KPH) 2.3 s
TRANSMISSION SPECIFICATIONS	
DRIVE TYPE	All Wheel Drive
GEARBOX	7-speed automatic (DSG)



The MC12 was developed to signal Maserati's return to racing after 37 years. The Maserati MC12 is a limited production two-seater sports car produced by Italian car maker Maserati to allow a racing variant to compete in the FIA GT Championship.





# USER PERSONA



## Jon Olsson

Jon a 35 year old is a professional freeskier and enthusiastic person for ski racing he owns a ferrari la ferrari, buggati veryon and many more vehicles He loves to enjoy with friends and family, and he is about to marry his princess soon and would love to add a supercar to his collection as a wedding gift. he is passionate and risk taking



## Lifestyle



Visionary - Bold - Opulence - Sophisticated

# DESIGN MOTIVE



The aim of this project is to keep the real feeling, emotion of the old car and even keeping in mind that it was developed for high level road use and even the luxurious sense.



SKETCHES



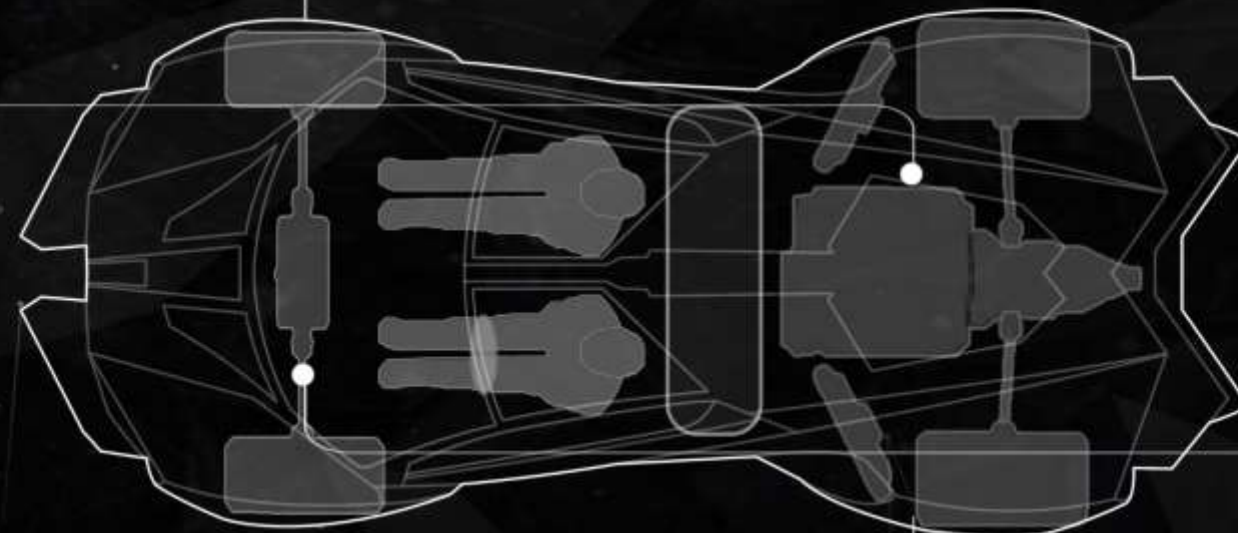
# POWERTRAIN



# PACKAGE

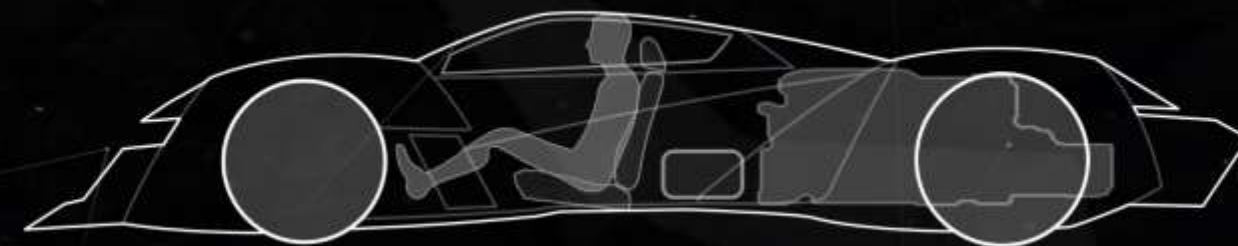
## Internal Combustion Engine

Engine type V12  
Displacement 6.0 l (366 ci)  
Power 632 ps (624 bhp / 465 kW) @ 7500 rpm  
Torque 652 Nm (481 lb-ft) @ 5500 rpm  
Power / liter 105 ps (104 hp)  
Transmission 6 speed  
Layout middle engine, rear wheel drive



## Electric Motor

Electric motor Indirectly water-cooled motors  
(one motor at each wheel)  
Power output 335.25 hp (250 kW) each wheel  
1,341 hp (1 MW; 1,360 PS) total  
Transmission 4 individual single-ratio transmissions  
(one gearbox at each wheel)  
Battery lithium ion batteries



1200 mm

5200 mm

# HEADLIGHT



SHAPE EXPLORATION

Daytime  
Running  
Lights

Laser Light

KEY SKETCH

DRL  
Light

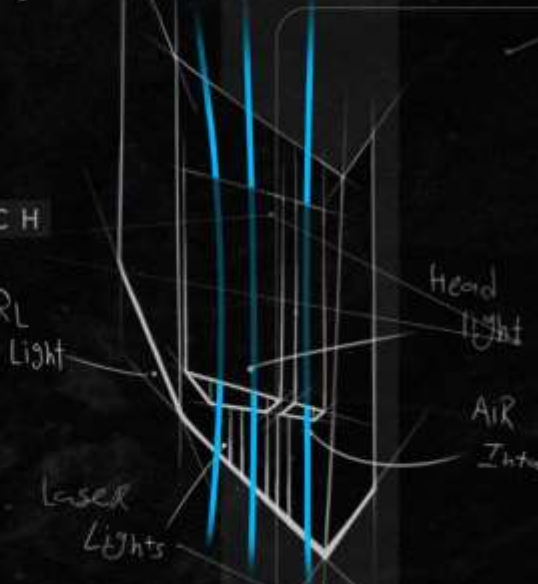
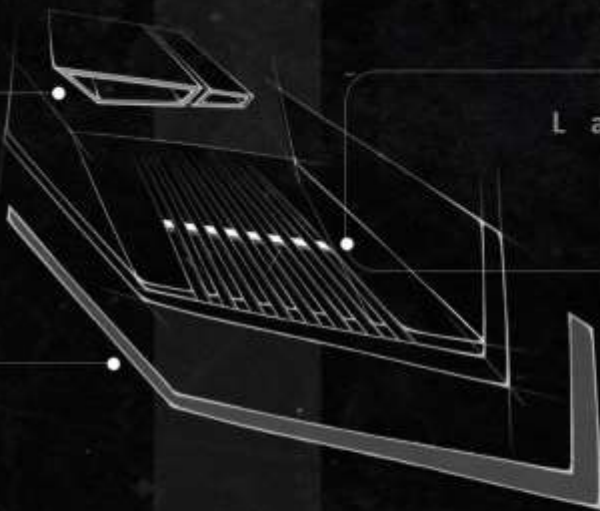
Laser  
Lights

Head  
light

AIR  
Intake

FINAL DIRECTION

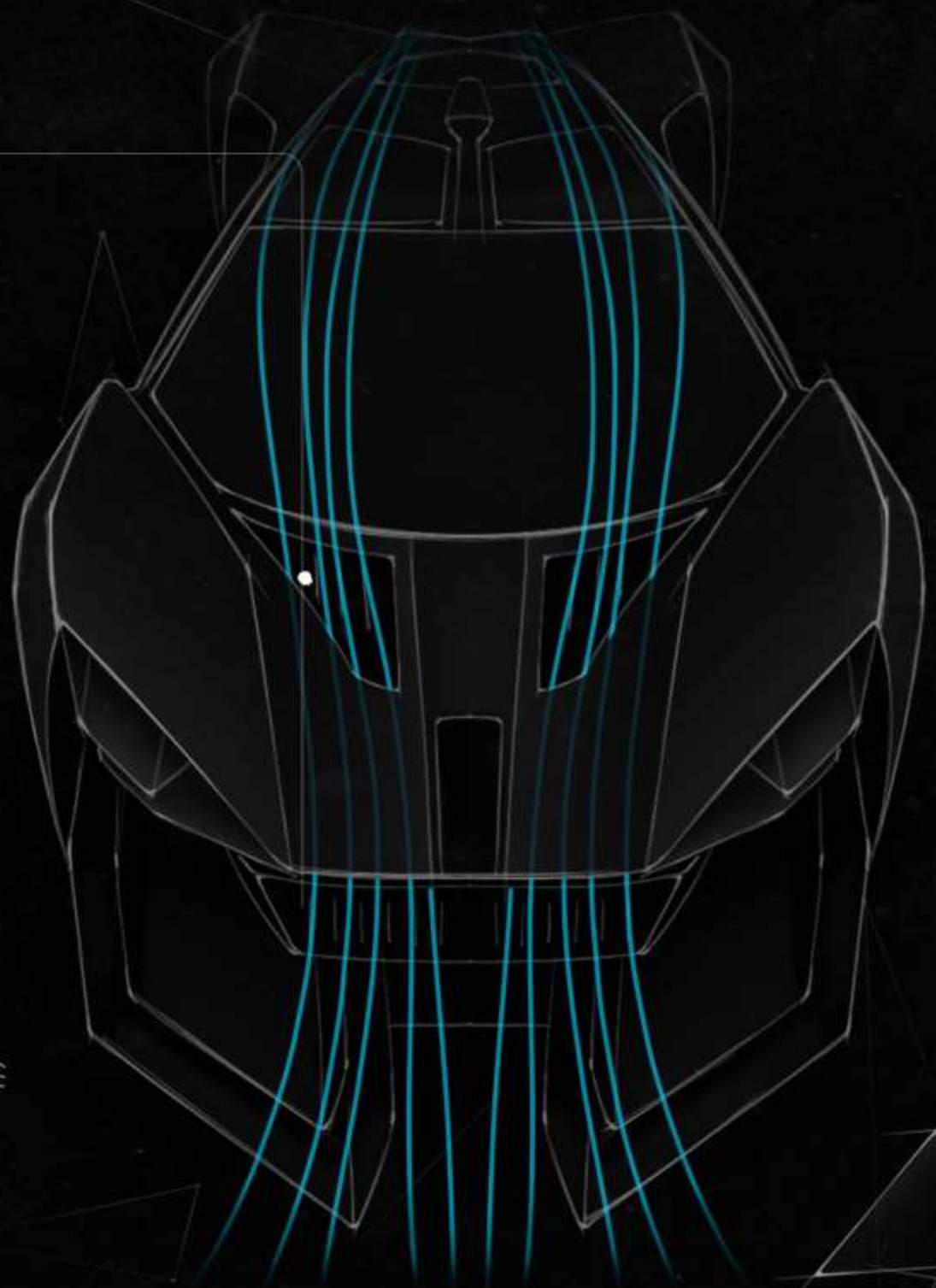
AIR FLOW



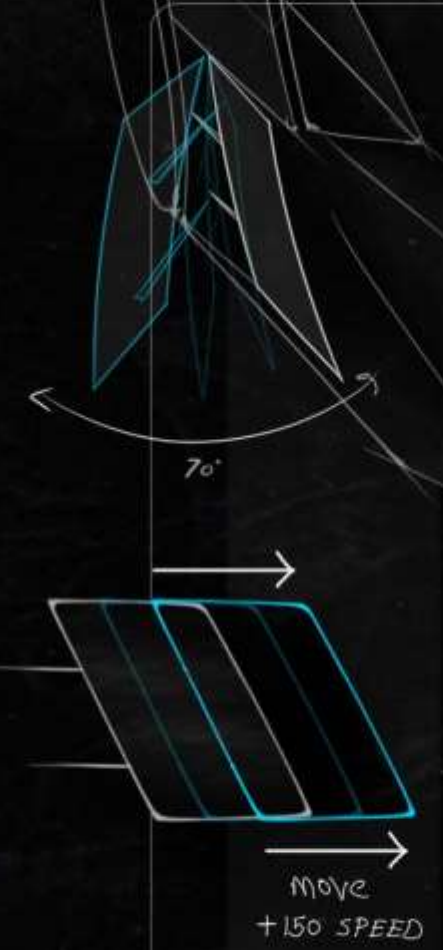
S P O I L E R



F R O N T  
A C T I V E  
S P O I L E R



S I D E  
A C T I V E  
S P O I L E R



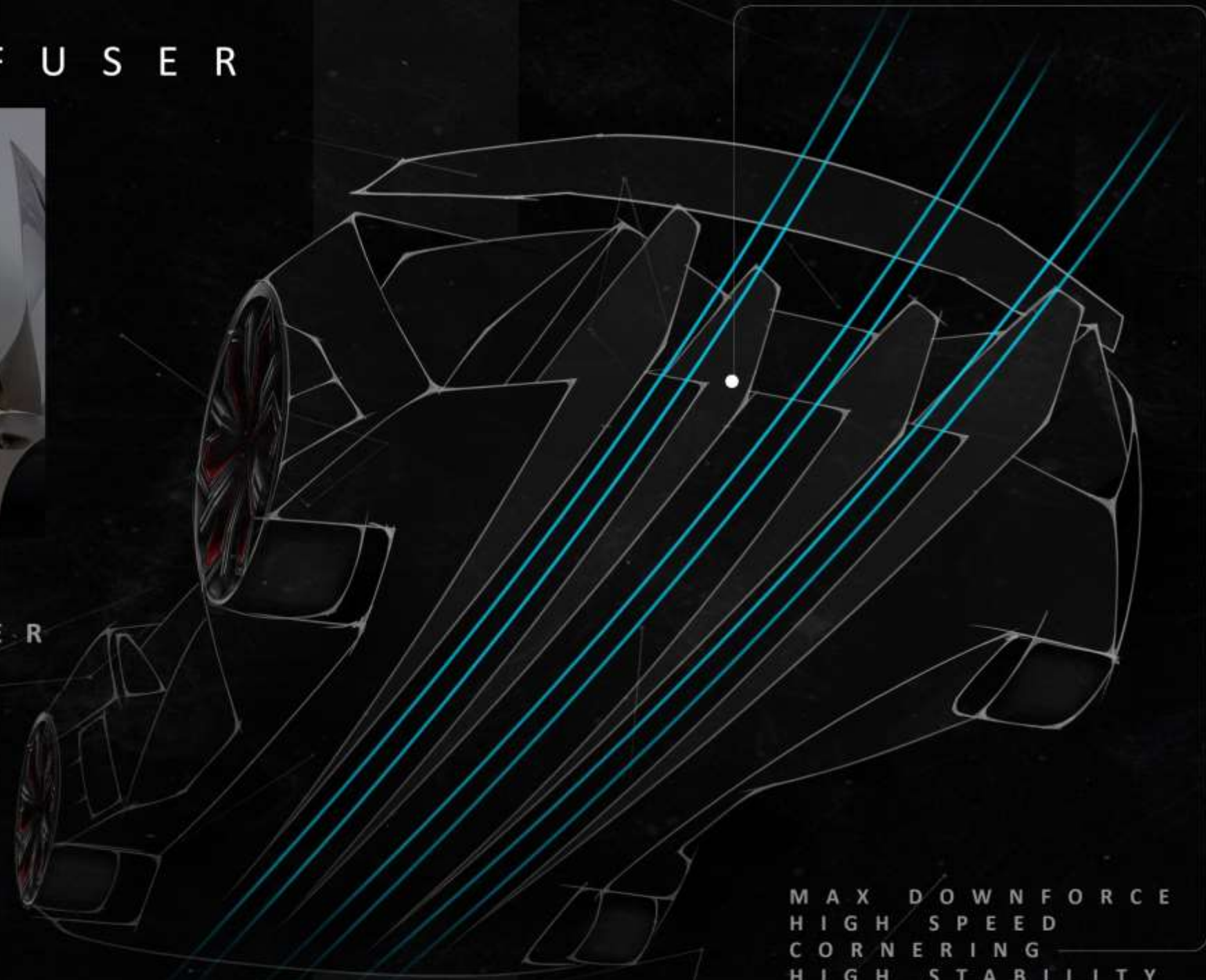
H I G H S P E E D  
C O R N E R I N G  
H I G H S T A B I L I T Y



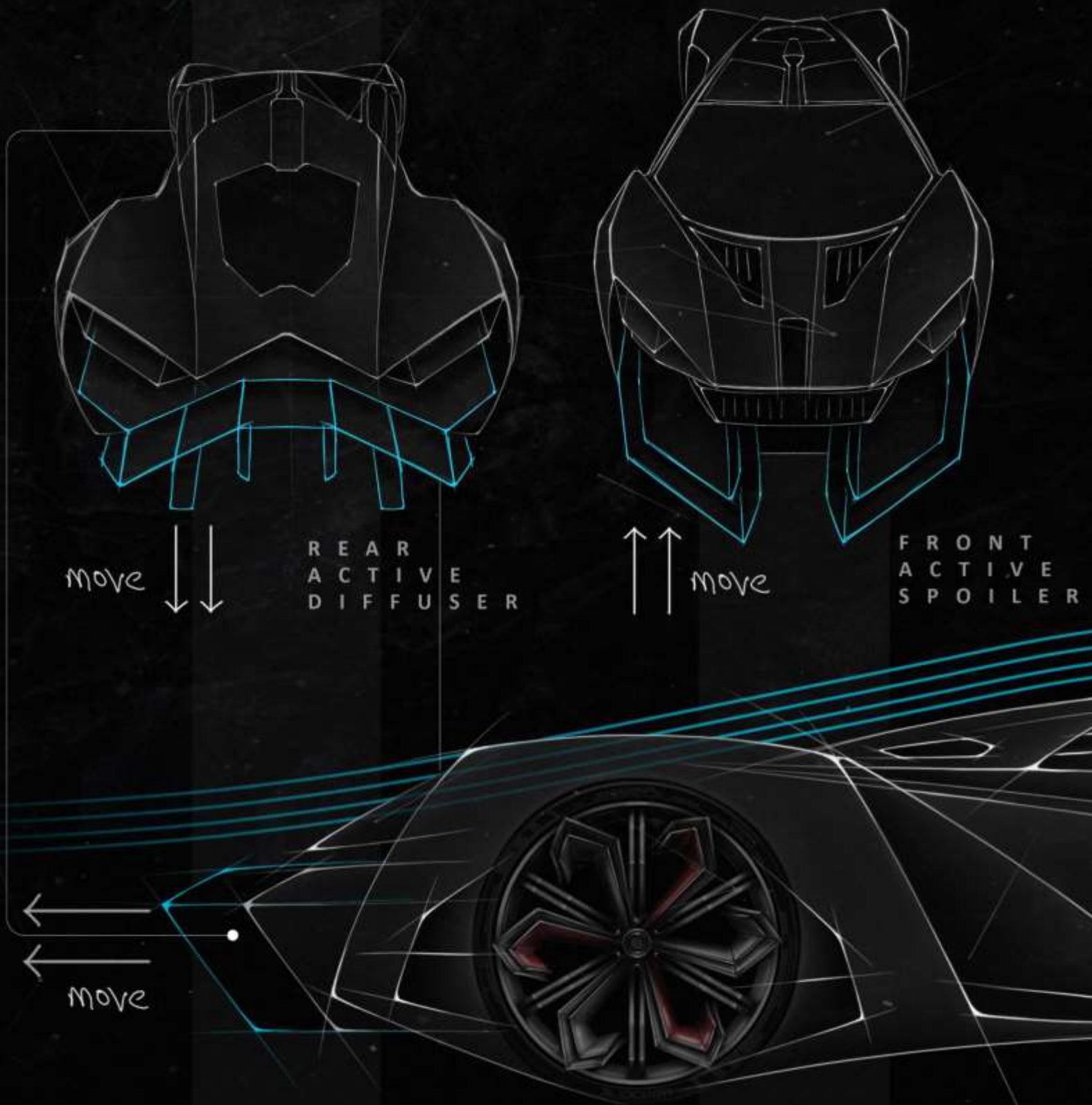
# D I F F U S E R



REAR  
ACTIVE  
DIFFUSER



MAX DOWNFORCE  
HIGH SPEED  
CORNERING  
HIGH STABILITY

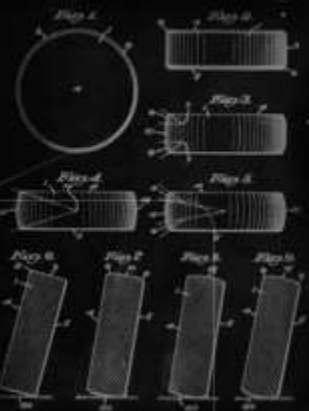


REAR  
ACTIVE  
DIFFUSER

FRONT  
ACTIVE  
SPOILER

move

# ALLOY WHEEL







PH  
FARTH DODIYA  
CONCEPT DESIGN ARTIST





PARTH DODIYA

TRANSPORTATION DESIGN PORTFOLIO





PARTH DODIYA

TRANSPORTATION DESIGN PORTFOLIO

Wx DATA SKYTWR<sup>1</sup> QUADRANT A3 177

01X9 208

Wx DATA SKYTWR<sup>1</sup>



DXC 49

X4 2084

TET CYCLE 17:26

PRESSURE X4 409

TET SYSTEM K7 226

DXC 49

DATA STATUS MONITOR FEED ACTIVE SUMMARY

PRESSURE X4 409 TET SYSTEM K7 226

DXC 49

X4 2084

17:26 PRESSURE X4 409 TET SYSTEM K7 226 DATA STATUS MONITOR FEED ACTIVE SUMMARY

FORCE xR P1 449



VELOCITY VECTOR 49 740





ROLLS-ROYCE



1930s

In the 1930s, Rolls-Royce broke world records on land and sea. And automation saw the arrival of Phantom III – the first ever Rolls-Royce to be built with a V12 engine.



ROLLS-ROYCE

# H I S T O R Y

1940s

The 1940s saw new developments in craftsmanship and design. Until 1939, each Silver Wraith had an individual coach-built body.

1877

27 August

Charles Rolls

TECHNICAL MANAGING DIRECTOR  
OF THE COMPANY

1863

27 March

Henry Royce

THE DESIGNER  
AND ENGINEER  
OF THE COMPANY

1950s

The 1950s marked the start of a long-standing relationship between Rolls-Royce and the royal family.

1960s

By the time the Swinging Sixties began, Rolls-Royce had begun to appeal to a new breed of owner. Actors, rock stars and celebrities chose the marque as a symbol of their success.

Charles Rolls - Henry Royce

The Best Motor Car in the World 1907

1970s

The 1970s was a challenging decade for Rolls-Royce but, following re-launch as two separate companies, the decade saw the arrival of two exciting new motor cars.

1980s

By 1980, British defence company Vickers had bought Rolls-Royce Motors Limited, producing Rolls-Royce alongside Bentley motor cars. The new Rolls-Royce Motor Cars Limited was floated on the London Stock Exchange in 1985.

1990s

The 1990s marked a new chapter in the brand's history when the BMW Group bought the rights to produce Rolls-Royce motor cars. With the change came a brand new manufacturing facility: the Home of Rolls-Royce at Goodwood. It was here that an exciting new chapter would begin.



ROLLS-ROYCE

"Take the best that exists  
and make it better. When it  
does not exist, design it."

Sir Henry Royce







ROLLS-ROYCE

D E S T I N Y

ROLLS ROYCE CONCEPT 2050

DESIGN A ROLLS ROYCE  
BEYOND  
VISION NEXT 100

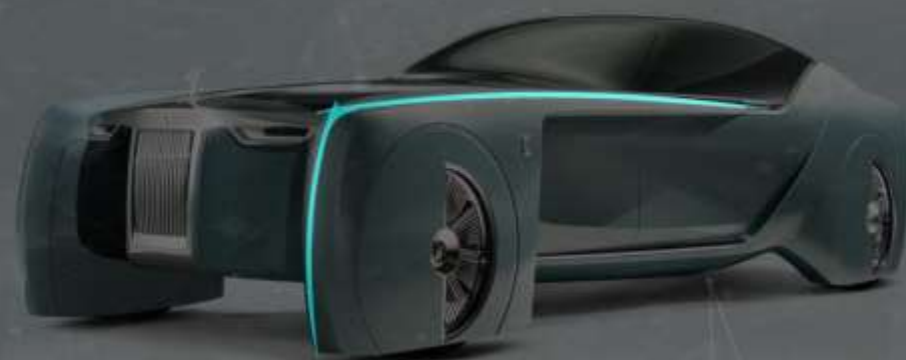


DESIGN LANGUAGE

Rolls-Royce Vision Next 100 (103EX)



DYNAMIC



BOLD



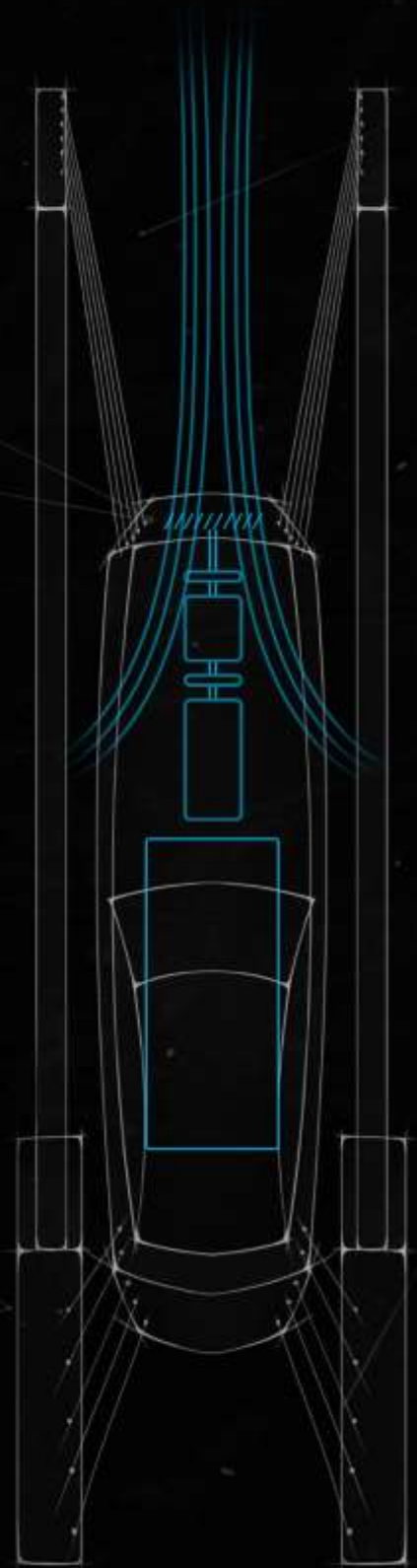
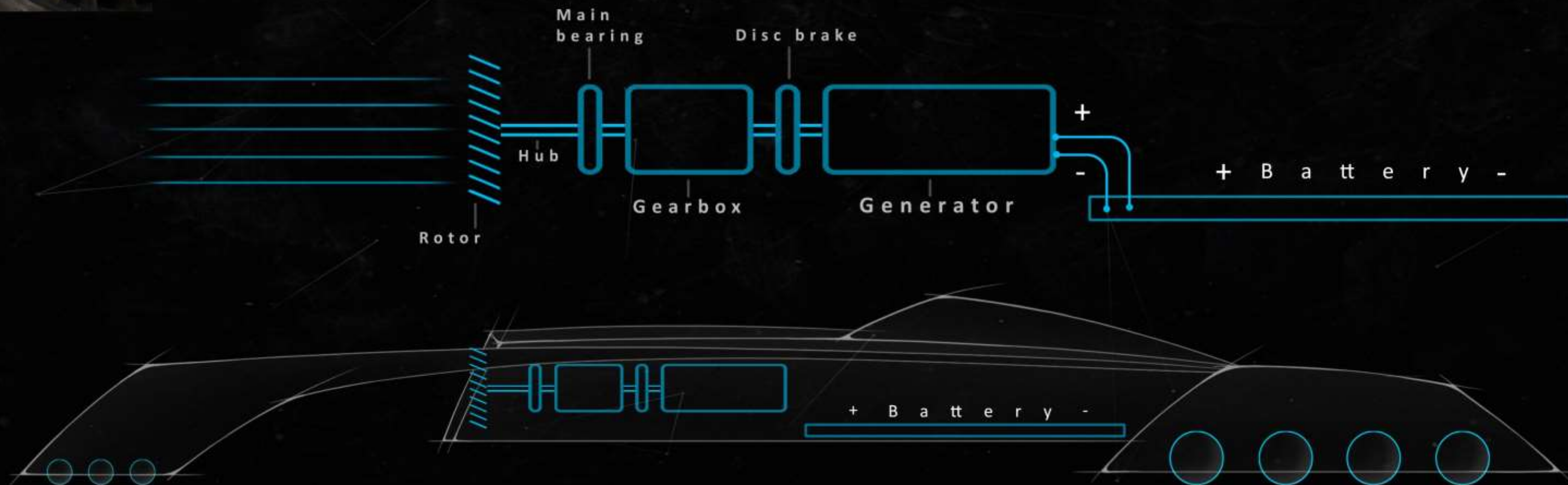
HEREDITARY

# TECHNICALITY



## HOW IT WORKS ?

The wind, when it passes through the rotor, it moves the gear through a shaft that helps the generator to produce power by the rotating motion, where the power produced is stored in battery

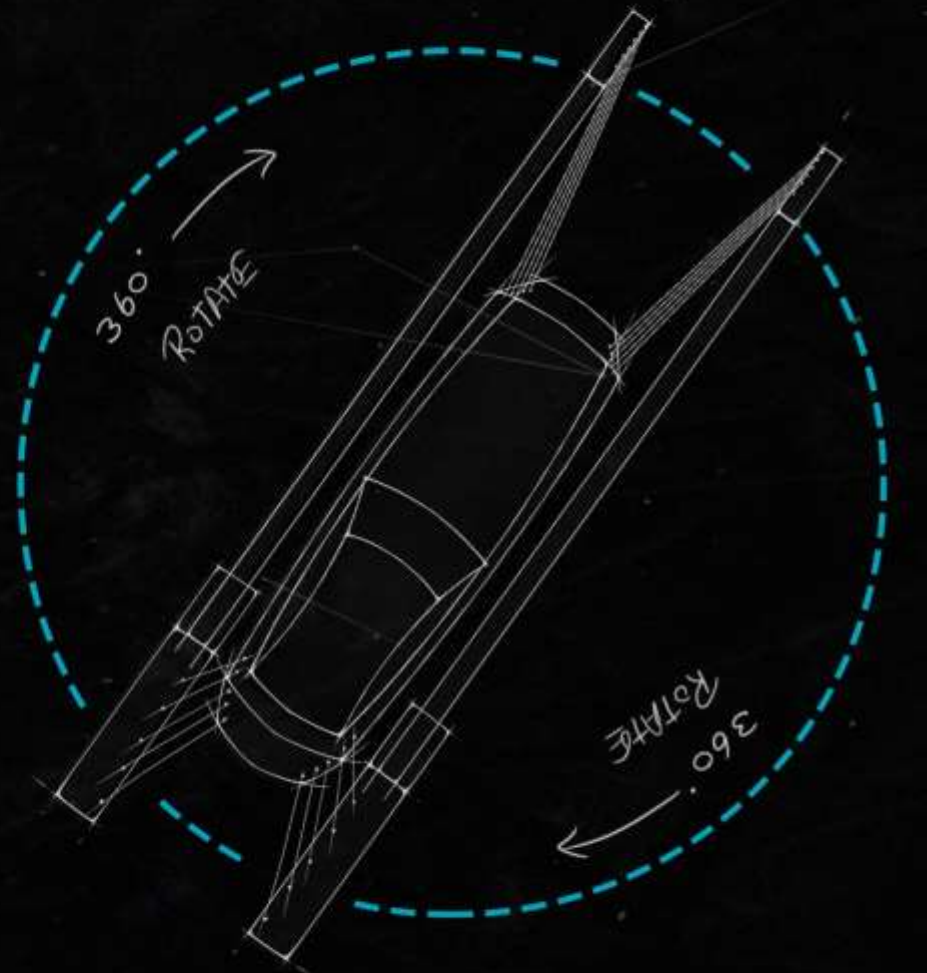


# W H E E L



## Connected via magnetic levitation

Spherical shape for ultimate maneuverability and safety



+ B a t t e r y -

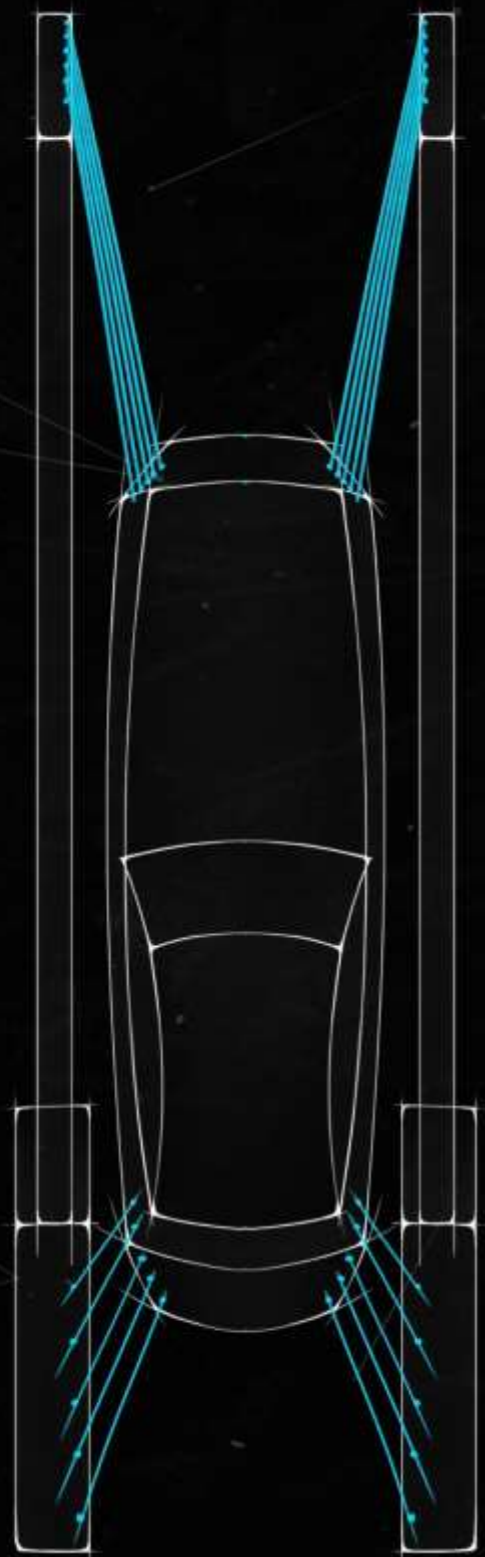
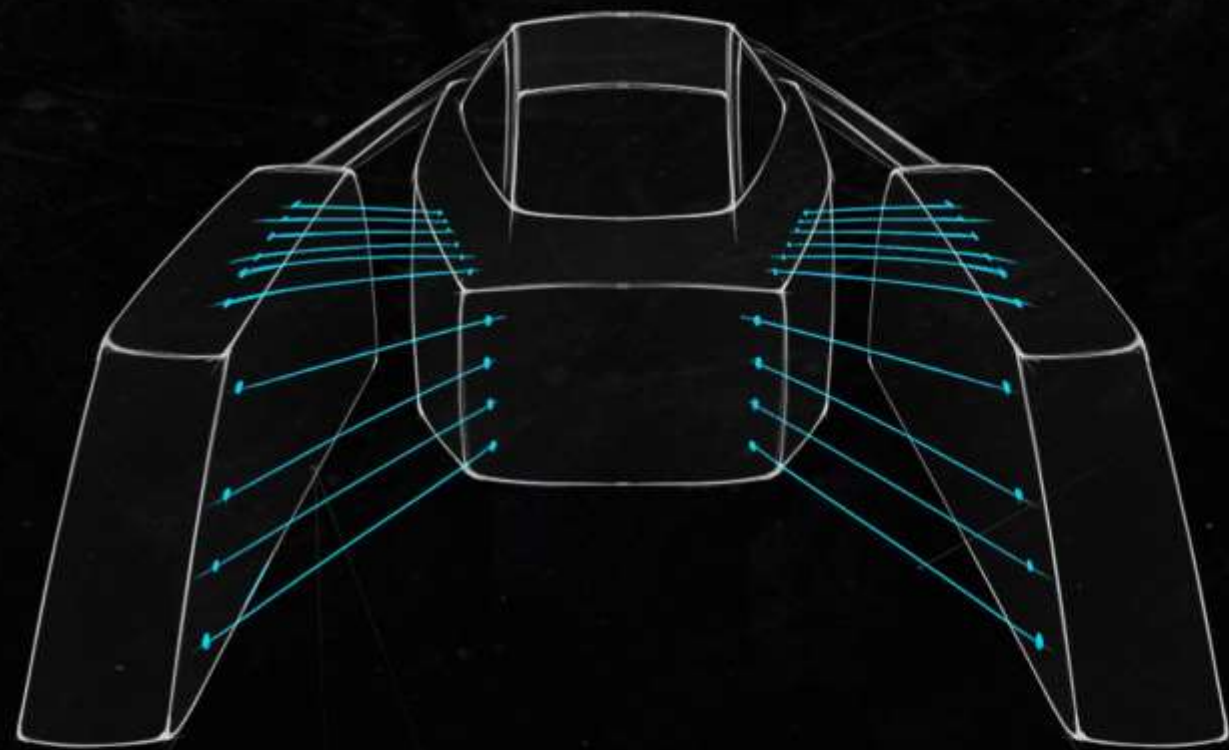
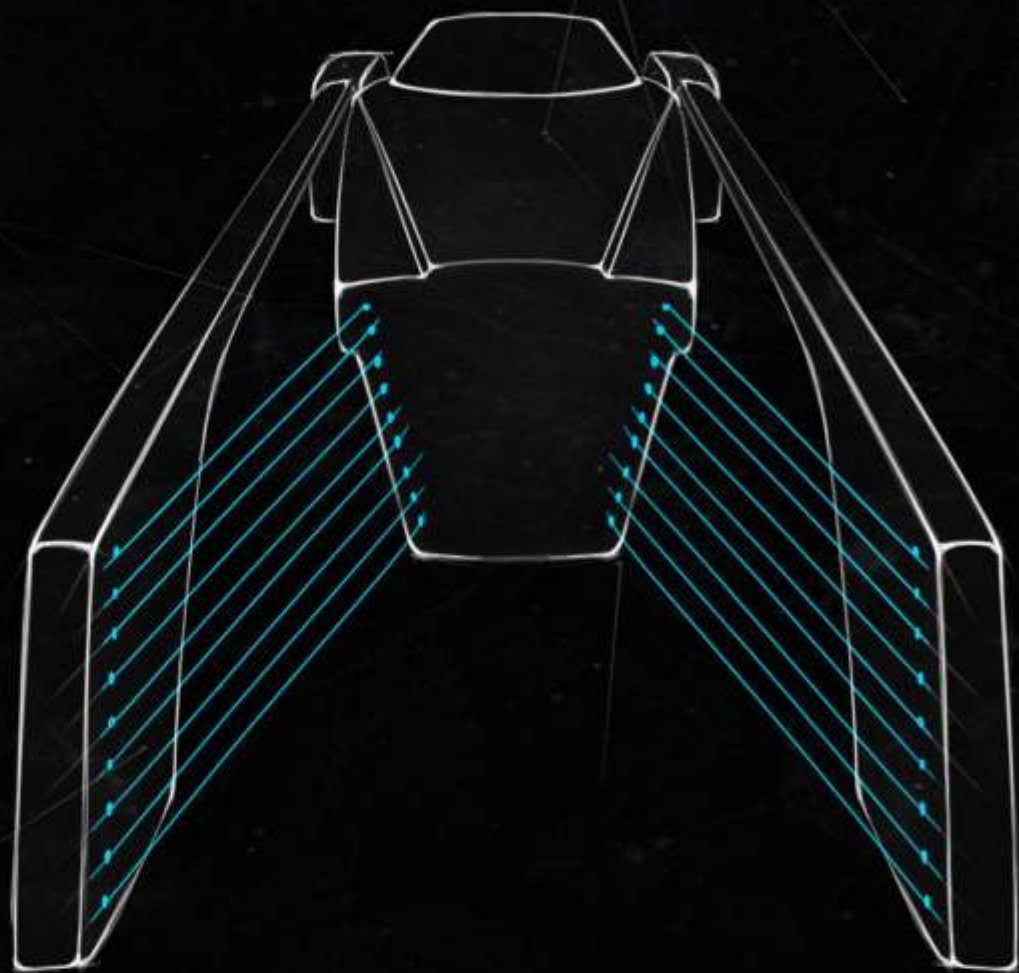
Connected via magnetic levitation



Connected via magnetic levitation



# S U S P E N S I O N



SKETCHES



PACKAGE

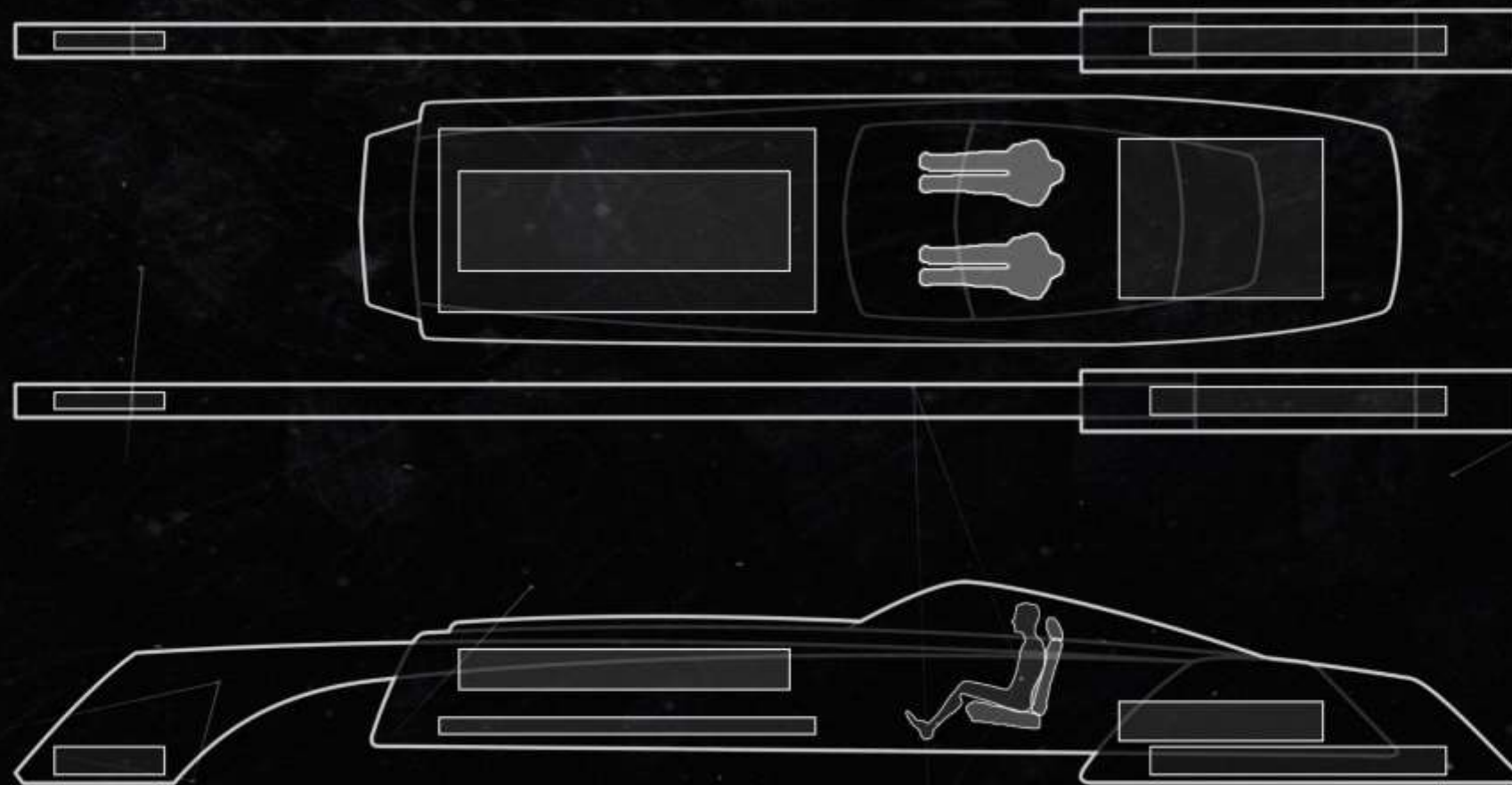


Generator

Battery

Electric Motor

Luggage Area



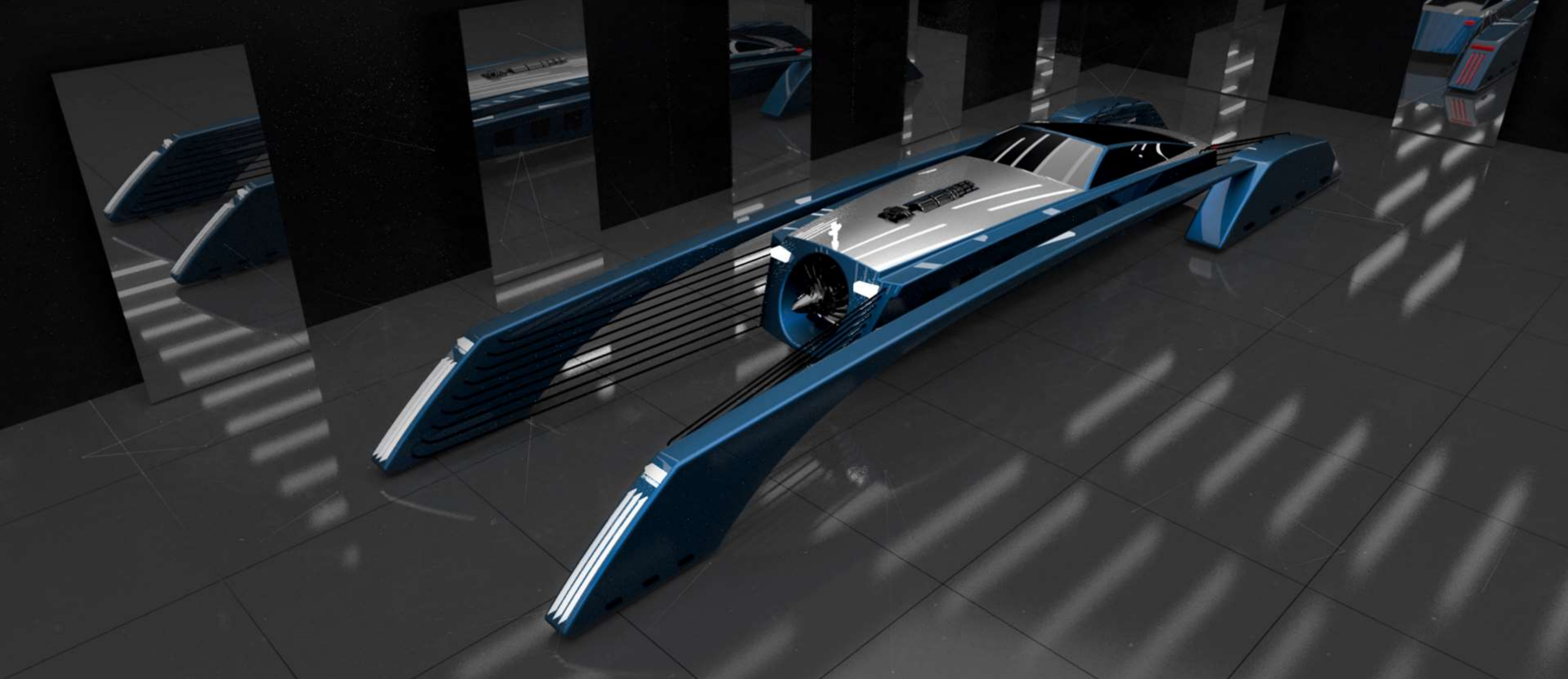


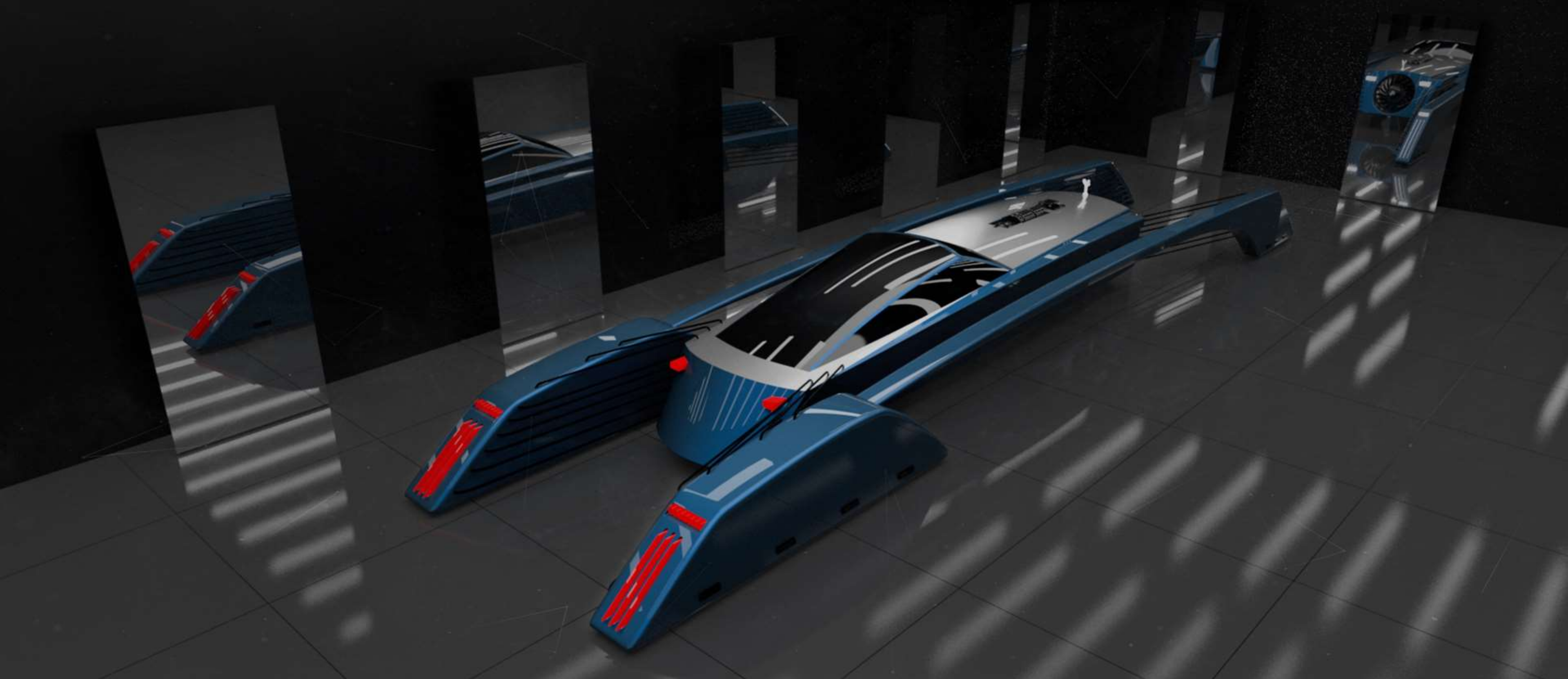














DUAL WIELD

土坏

有很多次米的

The image features the SpaceX logo centered against a dark, starry space background. The logo consists of the word "SPACEX" in a white, sans-serif font, followed by a white, curved line that arches over the letters "X" and extends to the right. The background is a deep blue and black, filled with numerous small, bright stars and some faint, wispy nebulae or galaxy structures. The overall aesthetic is futuristic and cosmic.

SPACEX

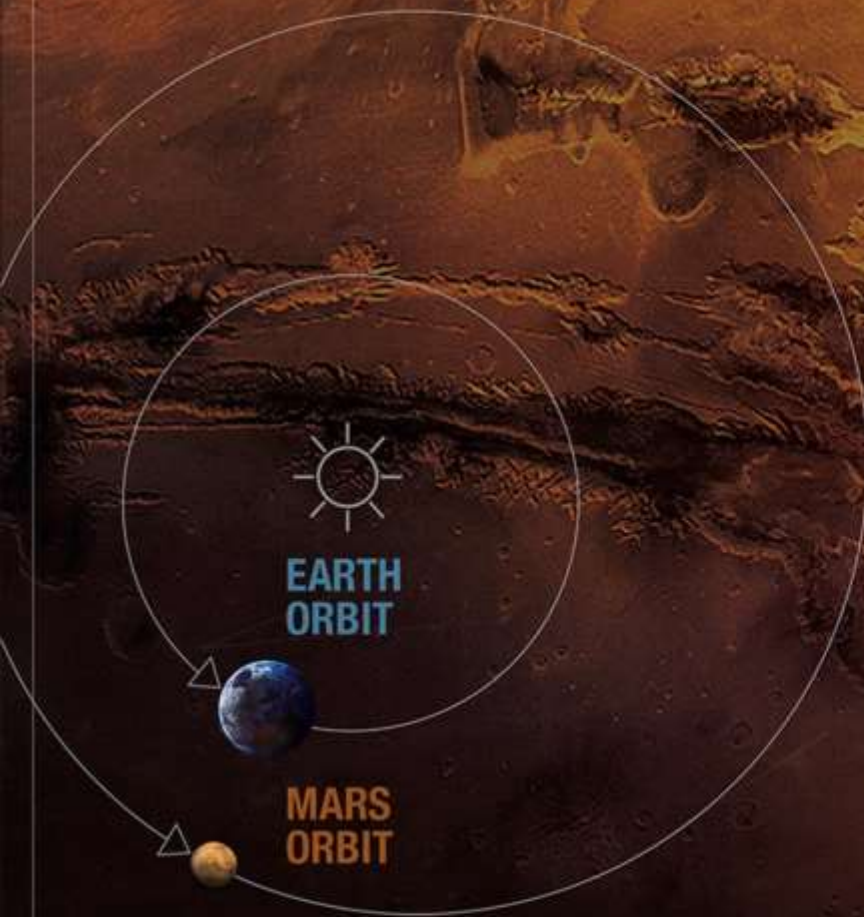


M A R S W A L K E R





# MARS



EARTH ORBIT

MARS ORBIT

Because Mars's orbit is different from Earth's, there is one launch window every

**26 MONTHS**

55.7  
401 TO

**MILLION KILOMETRES**

Distance from Mars to Earth depending on its orbit



Using current technology, it would take over two years for a team of astronauts to travel to Mars and back.



**MARS HALF THE SIZE OF EARTH**



**MARS 1/10TH THE MASS OF EARTH**

**687**

**ONE YEAR ON MARS**

Number of Earth days it takes for Mars to make one revolution around the Sun

**365**

**ONE YEAR ON EARTH**

Number of days it takes for Earth to make one revolution around the Sun



**24 HOURS, 39 MINUTES, 35 SECONDS**

Length of a Martian day, known as a "sol"



**-55**

**DEGREES CELSIUS**

Is the average temperature. When the sun is shining in the summer, the temperature near the Martian equator can reach 20 degrees Celsius, but it drops to -100 degrees Celsius at night!



**144**

**KM/H**

Highest wind speed recorded on Mars



Water has been found on Mars in the form of vapour, ice and snow.



**26**

**KILOMETRES**

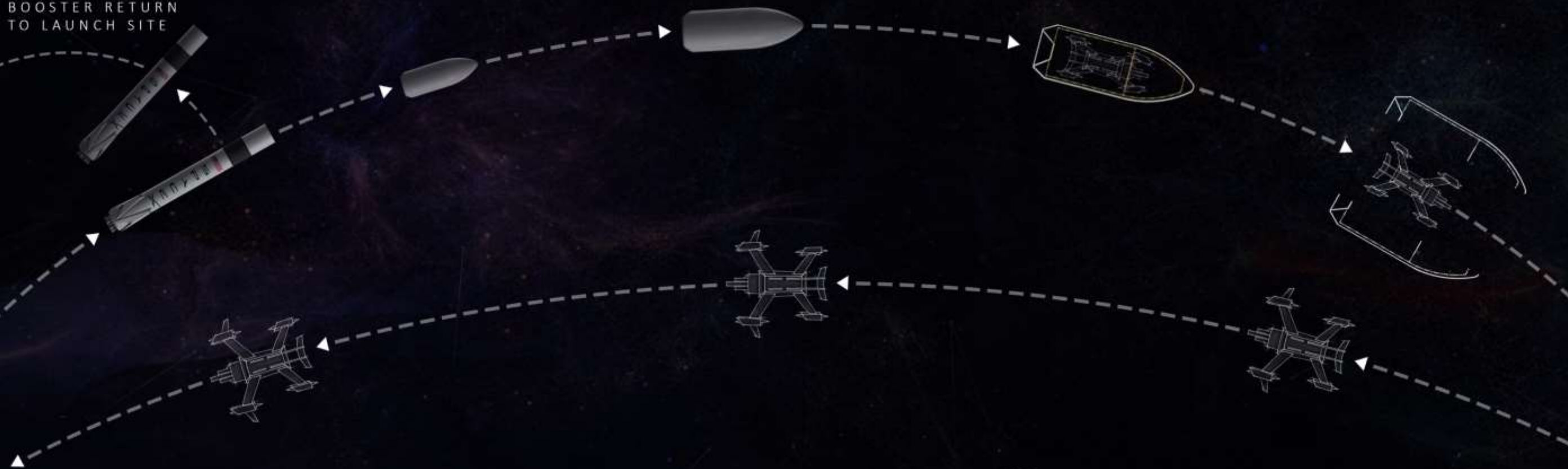
Height of Olympus Mons, the highest known mountain in the solar system (over three times the height of Mount Everest)

# MARS TRANSPORTATION

BOOSTER RETURN  
TO LAUNCH SITE



EARTH



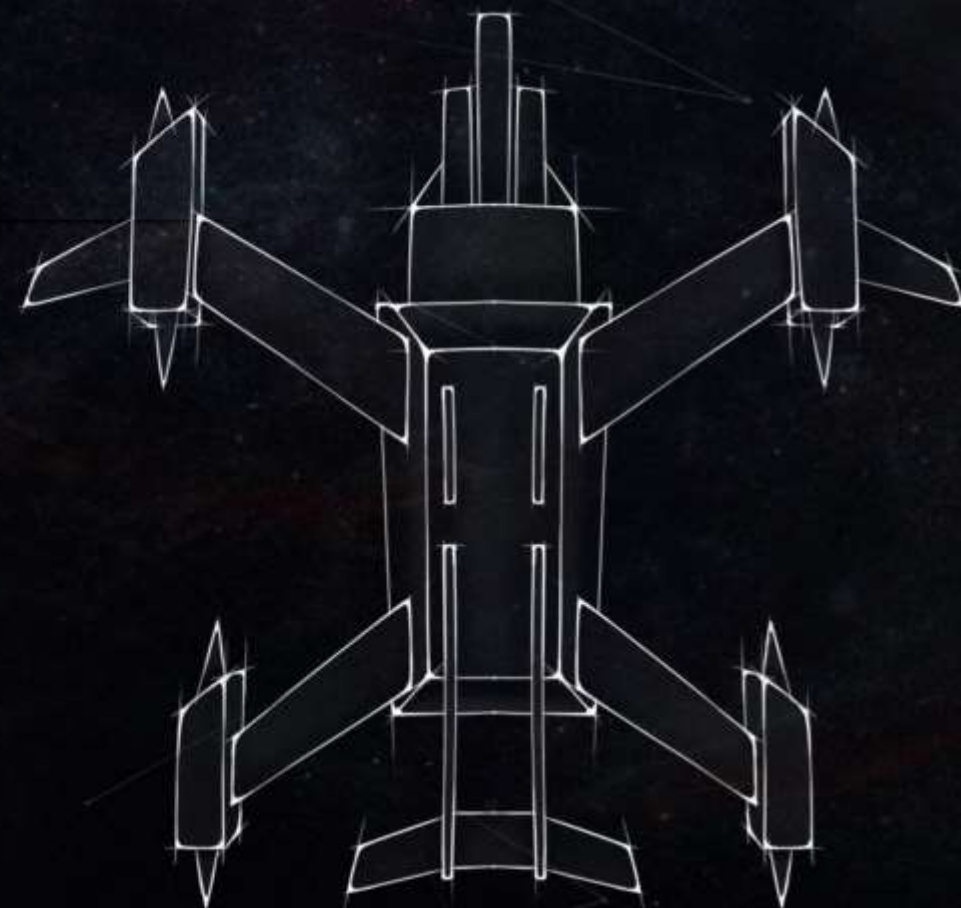
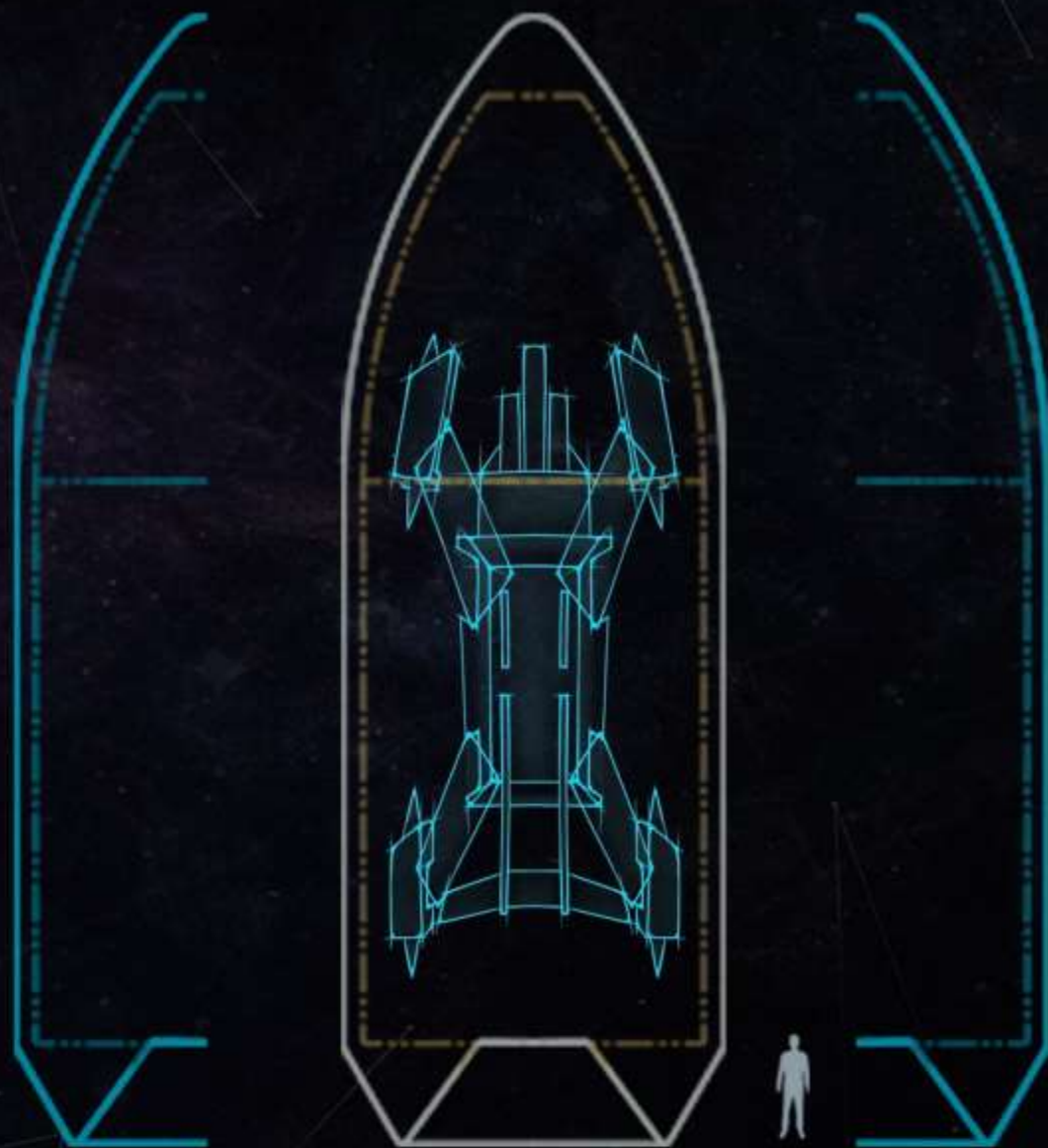
SHIP LANDS ON MARS  
WITH SUFFICIENT  
PROPELLANT TO  
RETURN DIRECTLY  
TO EARTH



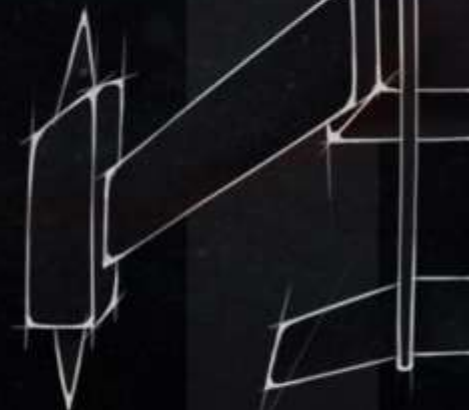
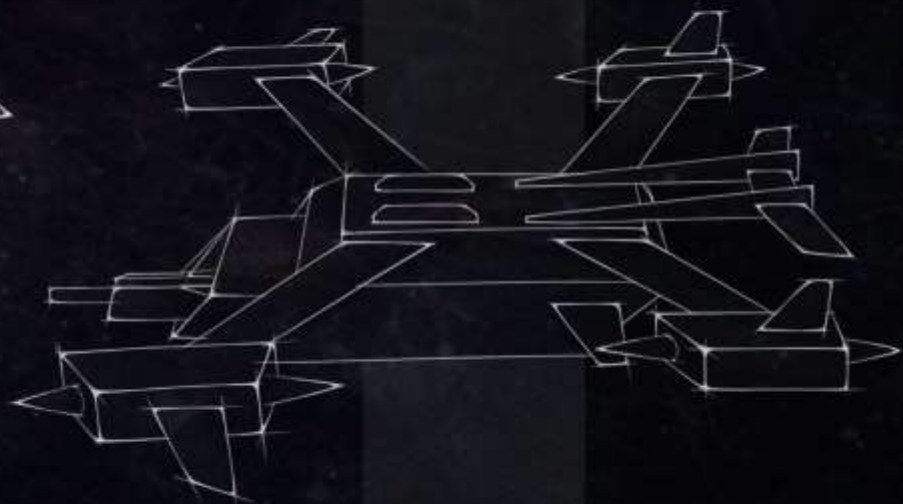
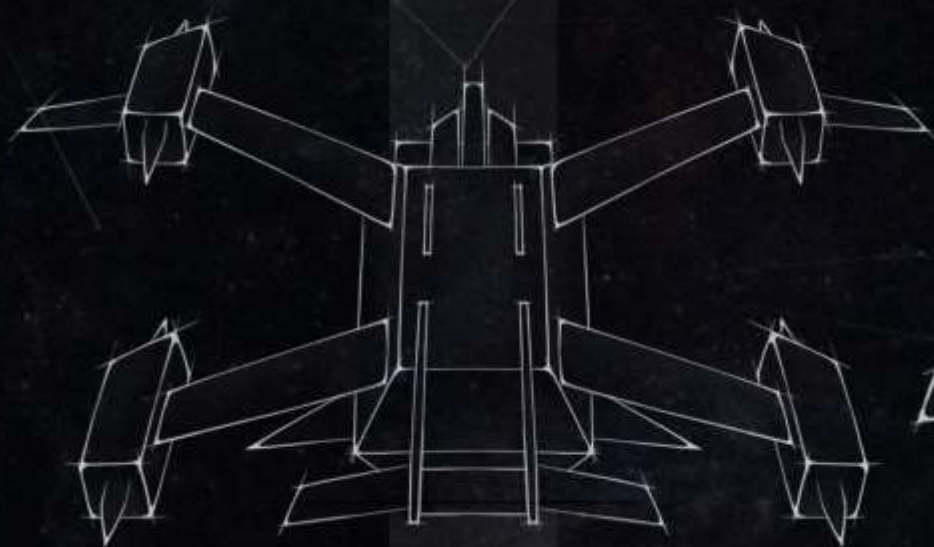
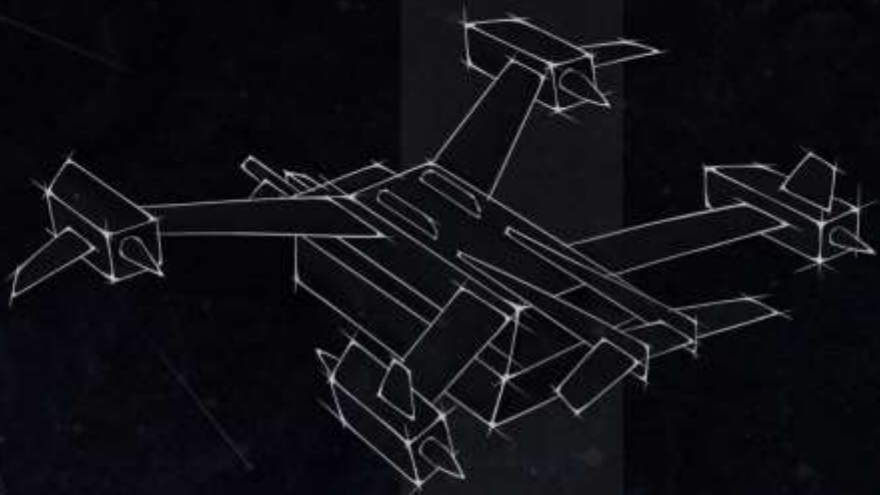
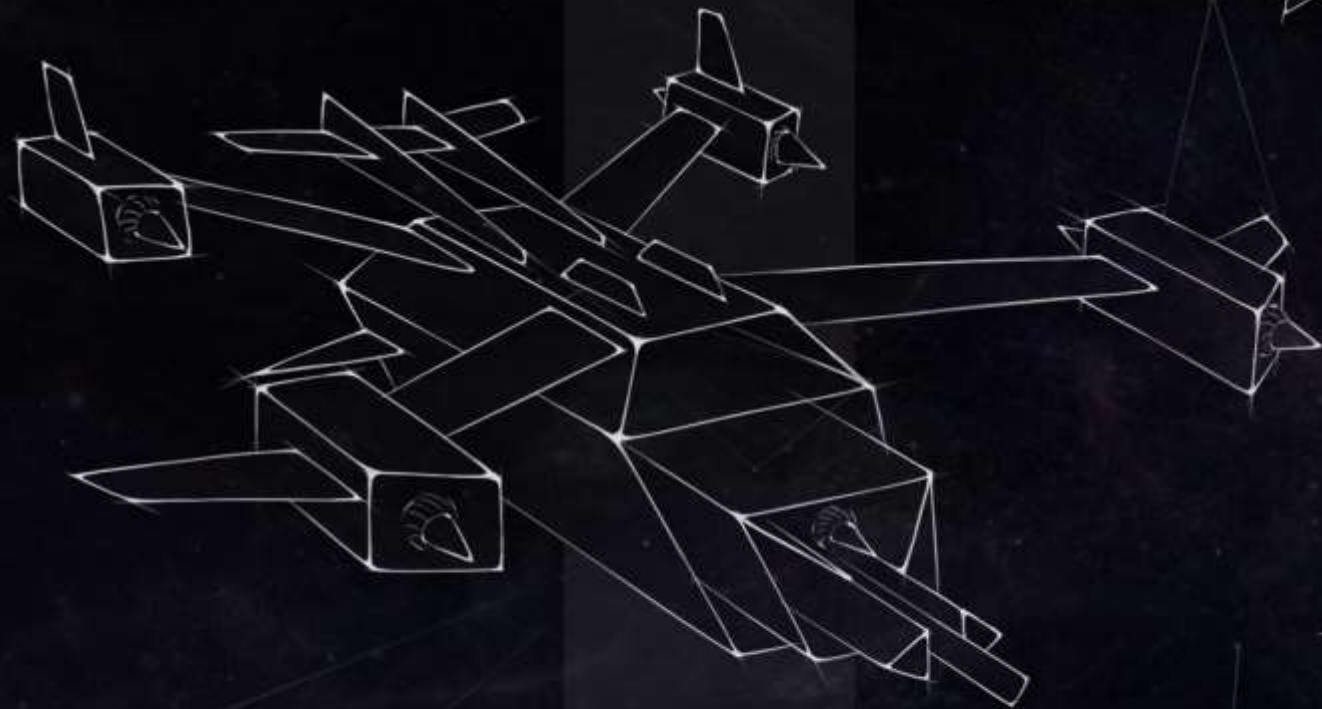
MARS



# PAYLOAD FAIRING



SKETCHES



PACKAGE

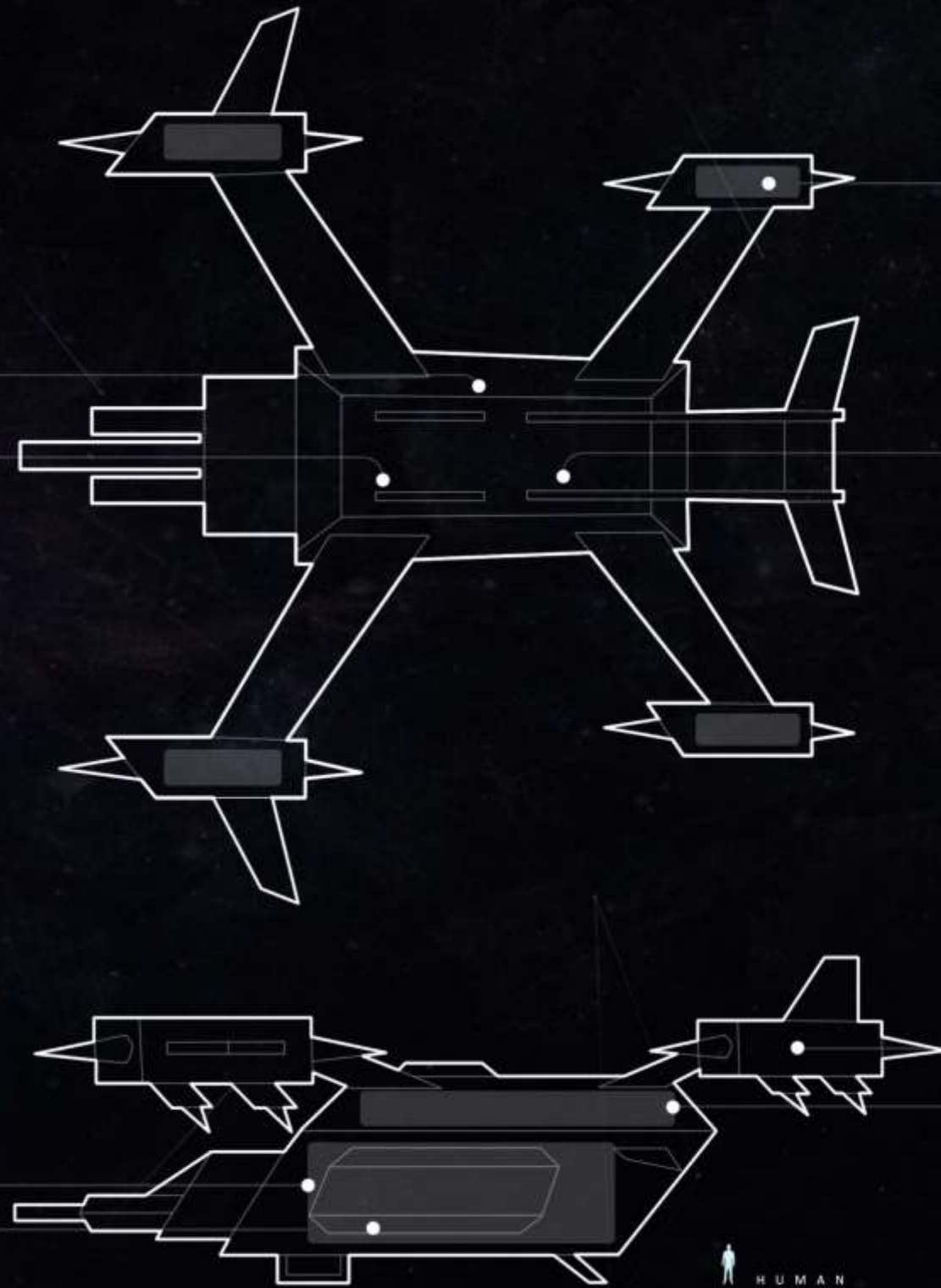
BOOSTERS

CARGO SPACE

JET ENGINE

CREW CABIN

HUMAN



















PARTH DODIYA

TRANSPORTATION DESIGN PORTFOLIO





PARTH DODIYA

TRANSPORTATION DESIGN PORTFOLIO





PARTH DODIYA

TRANSPORTATION DESIGN PORTFOLIO

