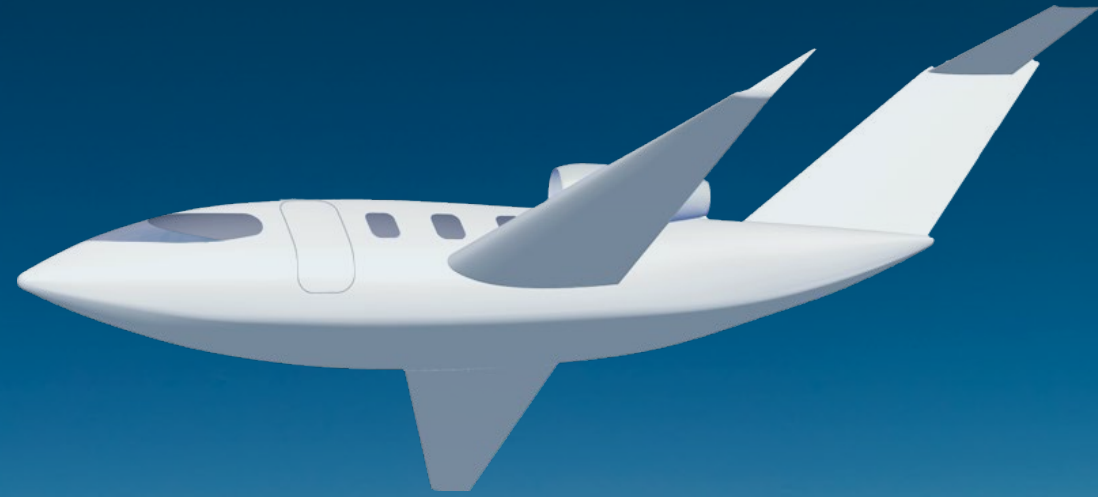




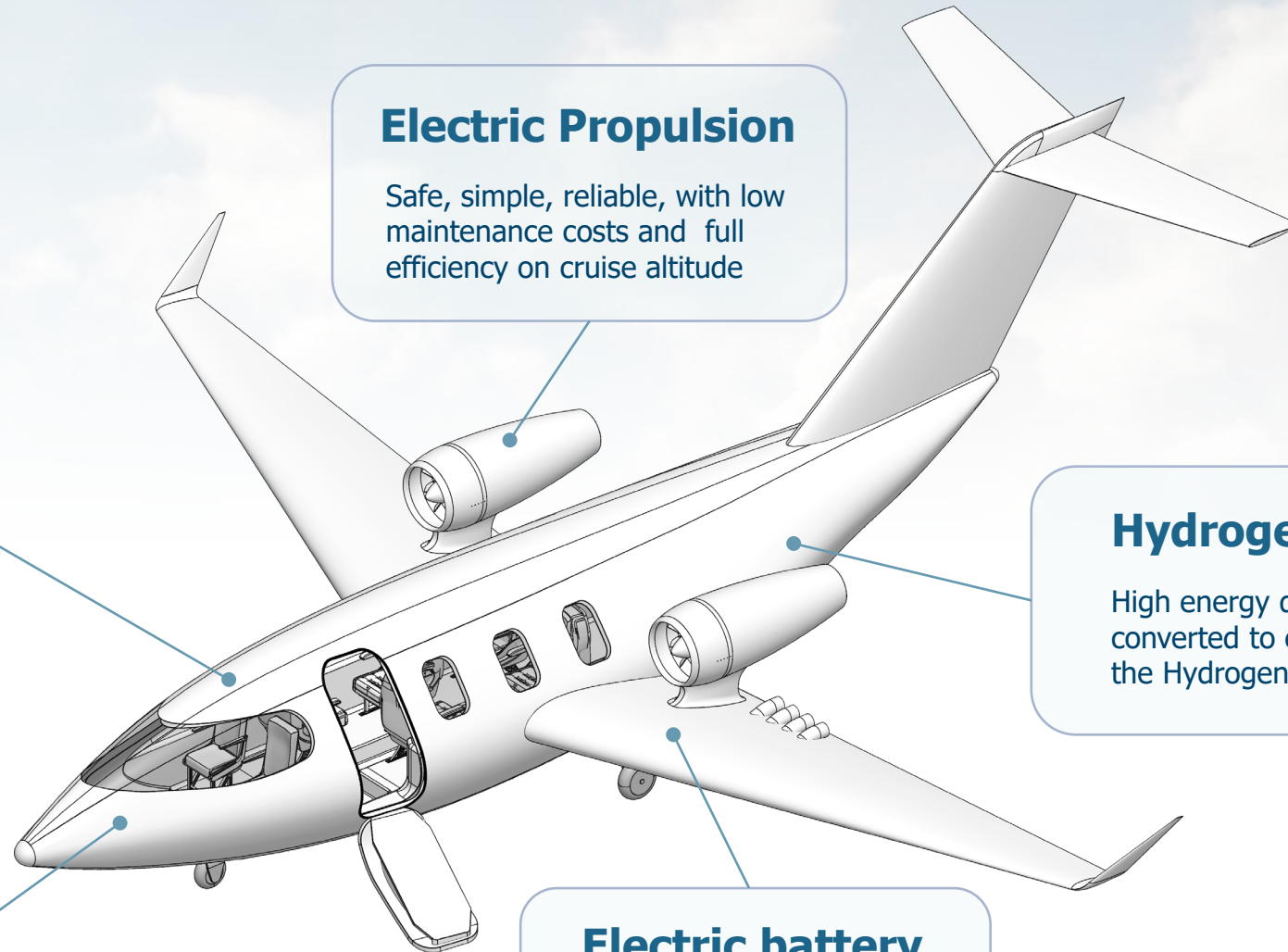
RED DWARF AERO



# T E R A N G I

H Y D R O G E N - E L E C T R I C 9 P A X

# Combining the Better from Available



## Electric Propulsion

Safe, simple, reliable, with low maintenance costs and full efficiency on cruise altitude

## Cloud Data Logging

Real-time flight and service data logging

## Hydrogen Fuel

High energy density converted to electricity by the Hydrogen Fuel Cells

## Conventional Airframe

Organic design of composite fuselage with proven efficiency and traditional application

## Electric battery

Take-off boost of power for STOL capability

# Bringing Supreme Capabilities

Z E R O  
E M M I S S I O N

H I G H  
P E R F O R M A N C E

O P E R A T I O N A L  
A U T O N O M Y

 314  
MAX CRUISE SPEED, KTS

 2,200  
PAYLOAD, LBS

 9  
PASSENGERS

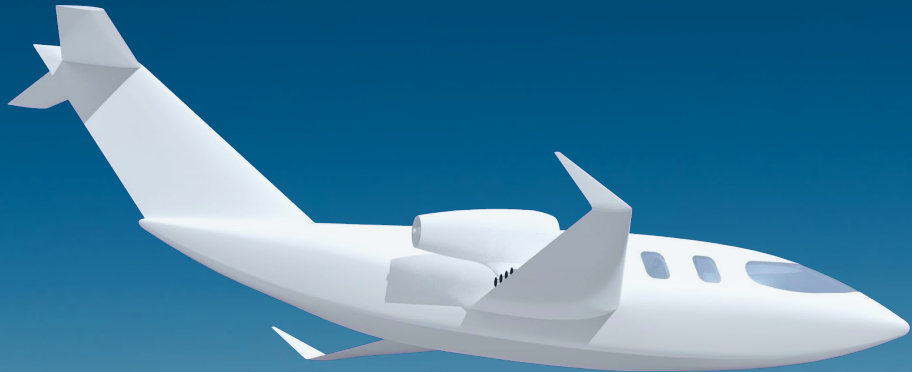
 1,350  
MAX IFR RANGE,  
NMI



- ▶ Return single replenishment flights for up to 440 km
- ▶ Paved or unpaved 600m+ STOL runways
- ▶ Day/Night, VFR/IFR, IMC, FIKI operations
- ▶ Available solutions of point-of-use fuel production

# Cutting the Expenses

Estimated hourly variable operating costs summary (USD)



Cruise Speed, km/h	450	580
Fuel	\$112.00	\$224.00
Maintenance (labor + consumables)	\$108.00	\$108.00
Overhaul, including spares (covered by subscription)	\$33.00	\$33.00
Landing/Parking	\$20.00	\$20.00
Carbon Offset	\$0	\$0
<b>Total</b>	<b>\$273.00</b>	<b>\$385.00</b>
<b>Total per passenger's seat</b>	<b>\$30.33</b>	<b>\$42.78</b>
<b>CASK (Cost of Available Seat Km)</b>	<b>\$0.067</b>	<b>\$0.074</b>

FOR ADVANCED REGIONAL AIR MOBILITY

# Creating New Opportunities

To Connect the Communities



Continue  
business  
as usual

Reduce  
OpEx

Claim  
avoided  
emission

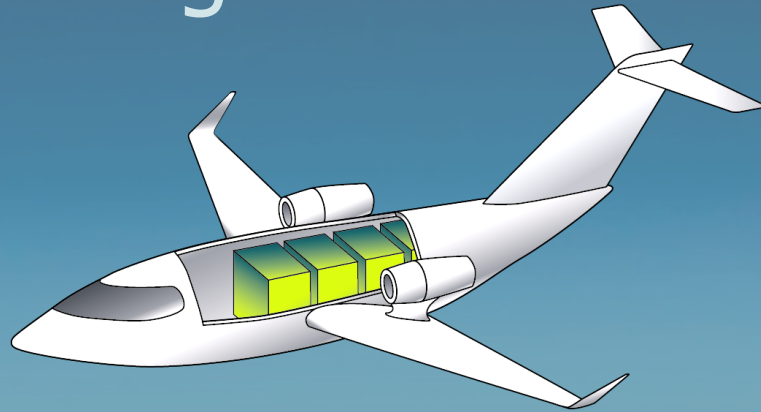
Serve more  
routes

Boost  
business  
reputation

# In Multiple Configurations

TE RANGI

## Cargo



Flight Crew – **2, 1 or UAS**

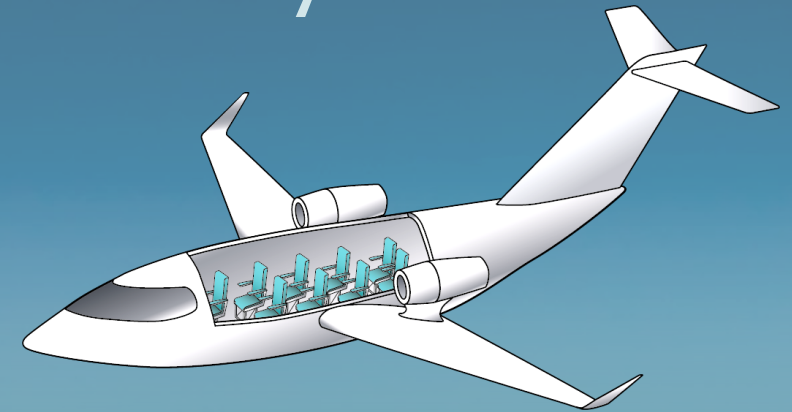
Payload – **1,000 kg to 1,700 kg**

Volume – **8.5 m<sup>3</sup>**

First Delivery - **2032**

TE RANGI

## Utility



Flight Crew – **2 or 1**

Payload – **9 pax + up to 700 kg**

First Delivery - **2034**

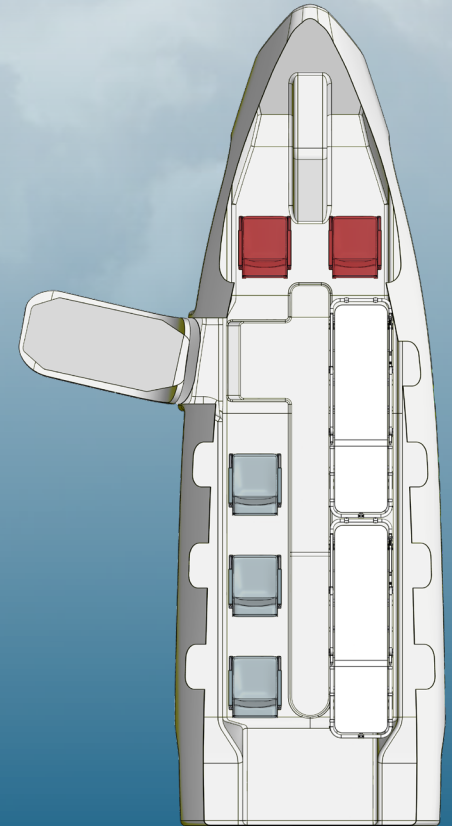
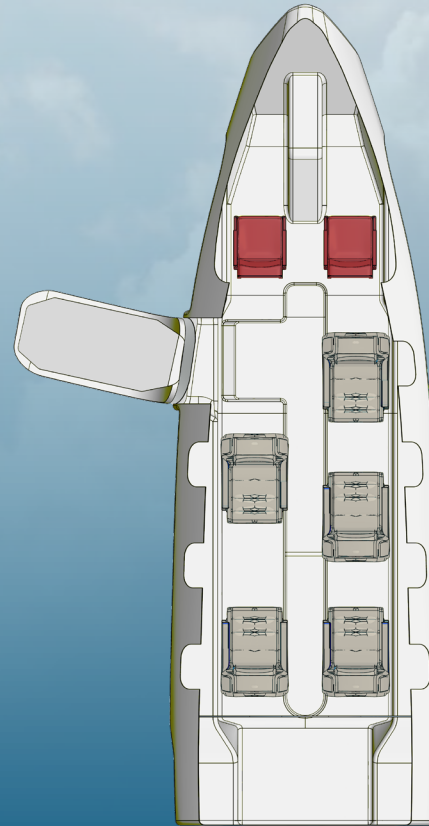
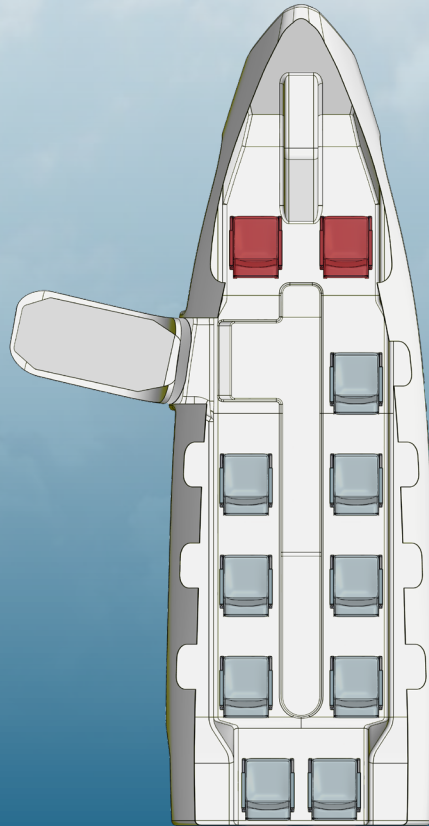
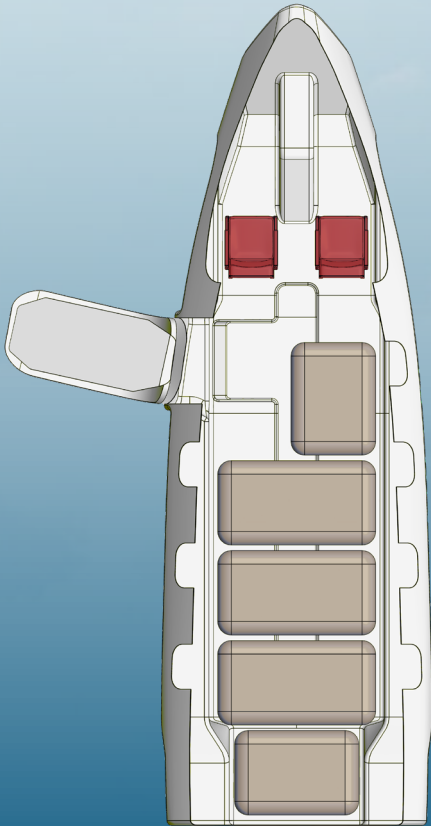
# For Various Roles

CARGO

9 PAX

EXECUTIVE

MEDEVAC



# TE RANGI

hydrogen aircraft



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