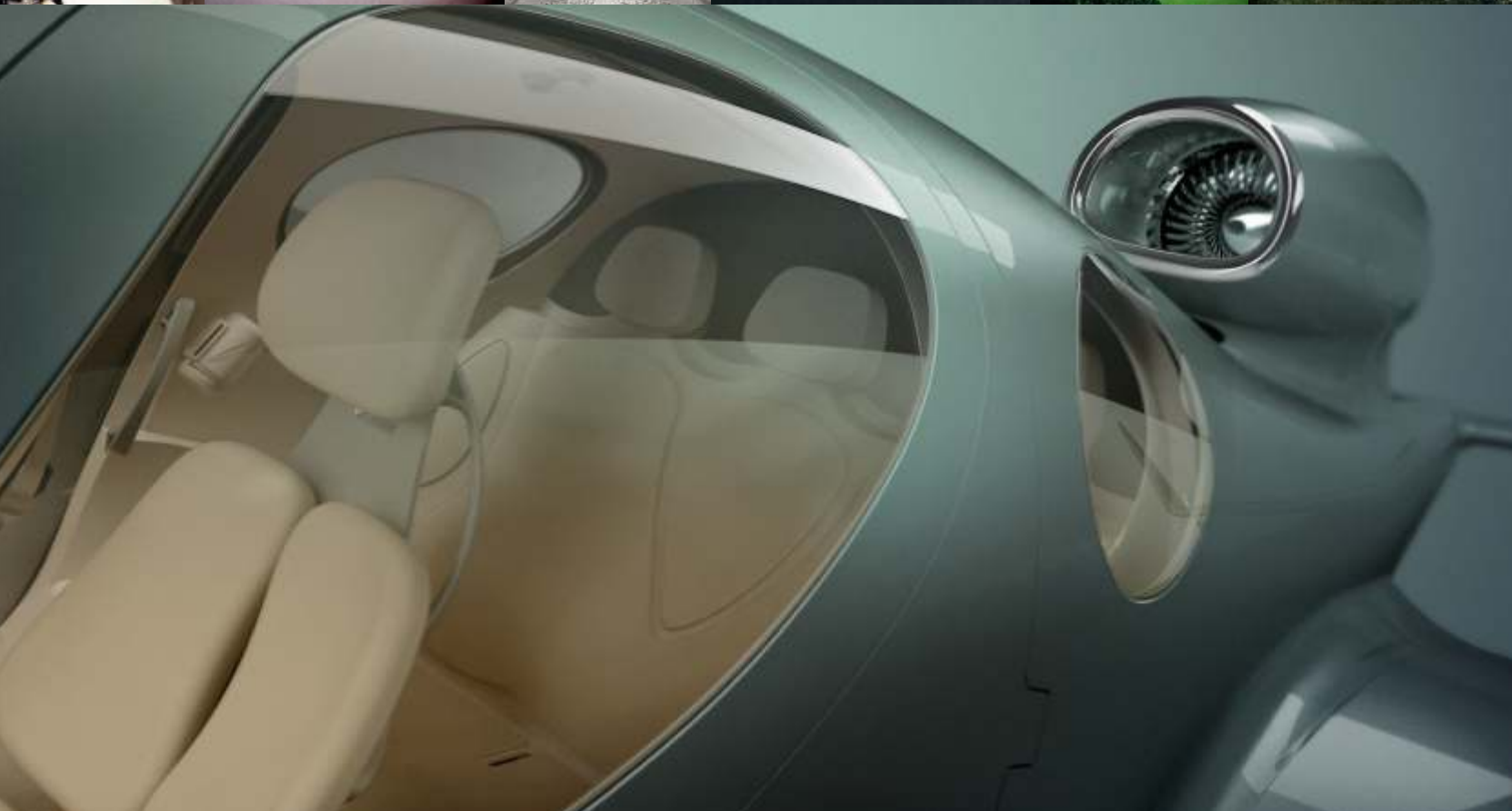




FLARIS LARØ1

feel free

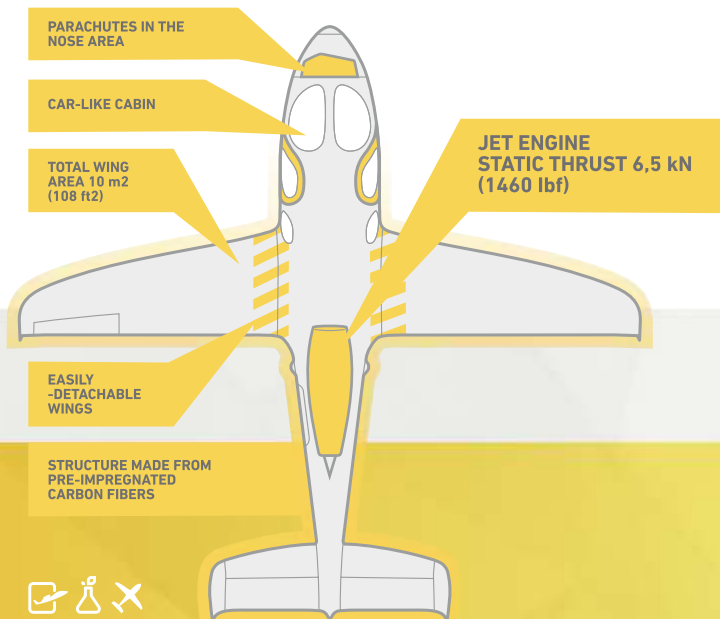


FLARIS

Here is a new kind of aircraft for amateur and experienced pilots

LAR 1 – is a new type of plane with the following properties:

- ease of flying typical for ultralight planes,
- a cockpit with a car-like feeling (comfort) for 5 passengers with doors on both sides of the fuselage,
- excellent lift-to-drag ratio ($L/D = 18$),
- takeoff mass: 1500 kg, (3300 lb),
- empty weight: 700 kg, (1543 lb),
- cruise speed: 700 km/h, (380 knots),
- range: 2500 km, (1350 NM),
- takes off and lands on grass airstrips,
- approximate price of USD 1.5 million.



There is no other plane like this one.

- FLARIS LAR 1 is a new type of personal aircraft which combines opposing characteristics: ease of flying, which is typical of ultralight planes, with the performance of jets (speed and range).
- It has uniquely-shaped semi-elliptical wings with profiles optimized for high speed and lift-to-drag ratio and benign stall.
- The plane fuselage geometric design provides a low drag coefficient with comfort.
- The design of the cabin with doors on both sides enables passengers to be seated without having to use external steps and provide ease of movement in the cabin of the aircraft.
- The method of connecting wings to the fuselage is unusual for jets and enables quick assembly of the plane and storage ease.
- A multi-bolt cabin door locking system (11 bolts) guarantees a firm air-tightness fit at minimum door mass.
- An innovative cabin structure design reinforced by the airframe.
- Original structure of the central part of the fuselage, supported by two integral duraluminium forms, which function as the fuel tank.
- These innovative designs are patented by Metal-Master.



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