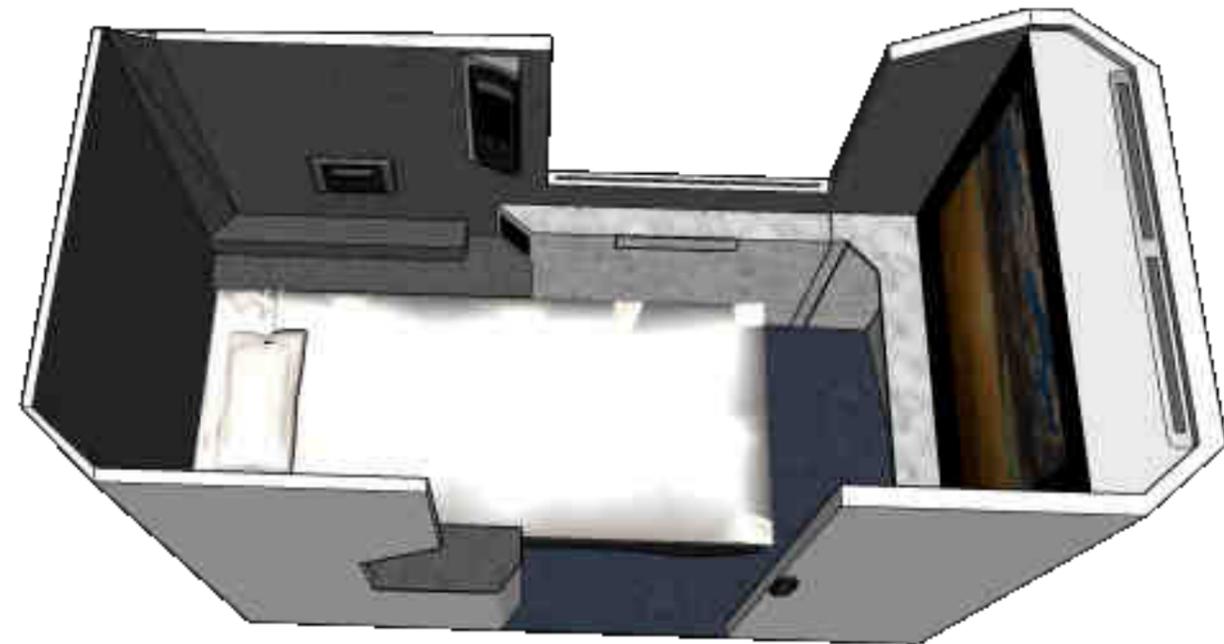


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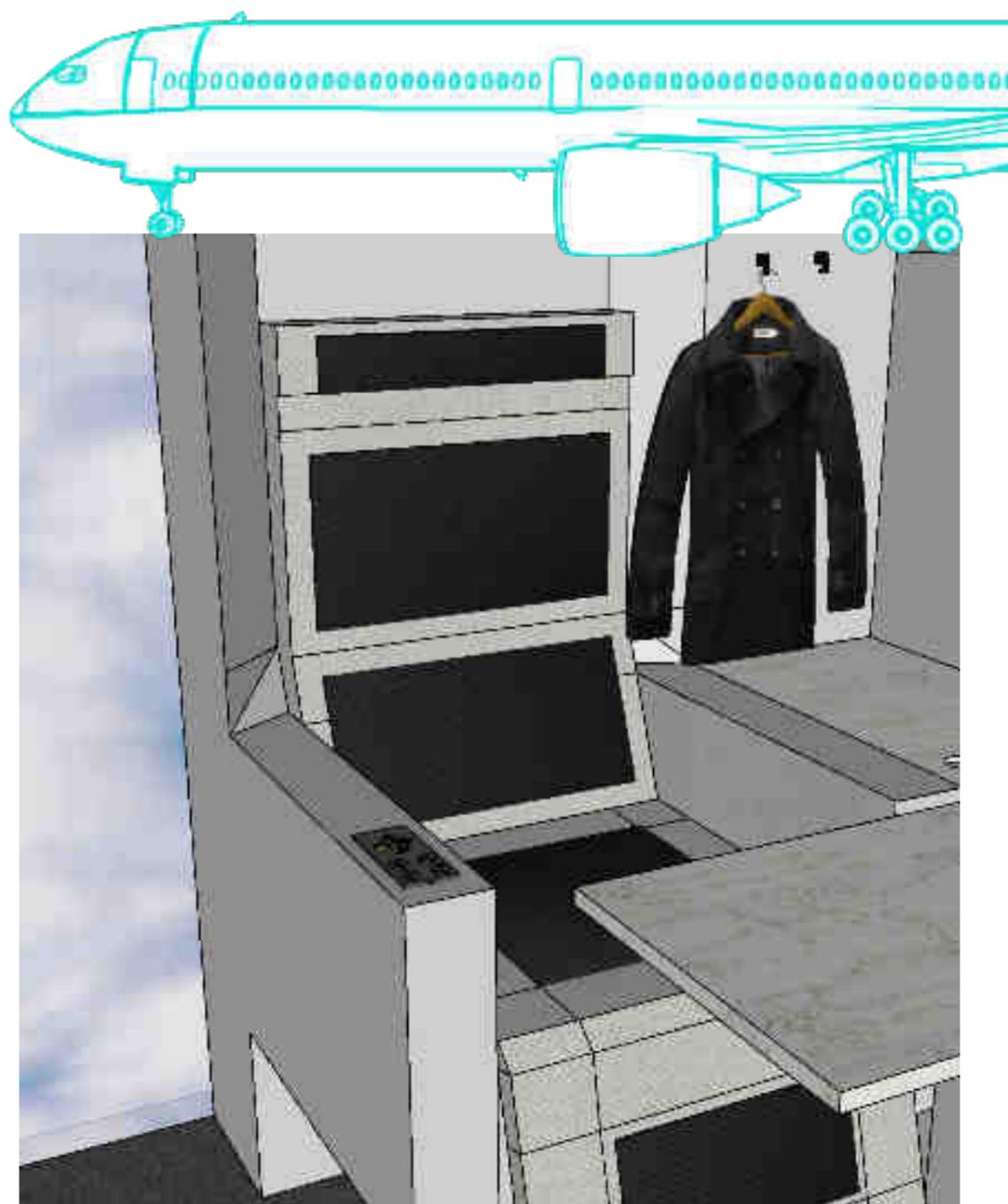


My aim/concept was to design a luxury sustainable and environmentally enriched cabin, lounge and products for the Airbus.

I was keen to source and research a range of eco, regenerated and recycled options which would reduce impact upon our planet.

I was also very keen to further develop and learn new software programmes which would support my career developments; for instance challenge myself with Sketchup and aspects of the Affinity programmes.

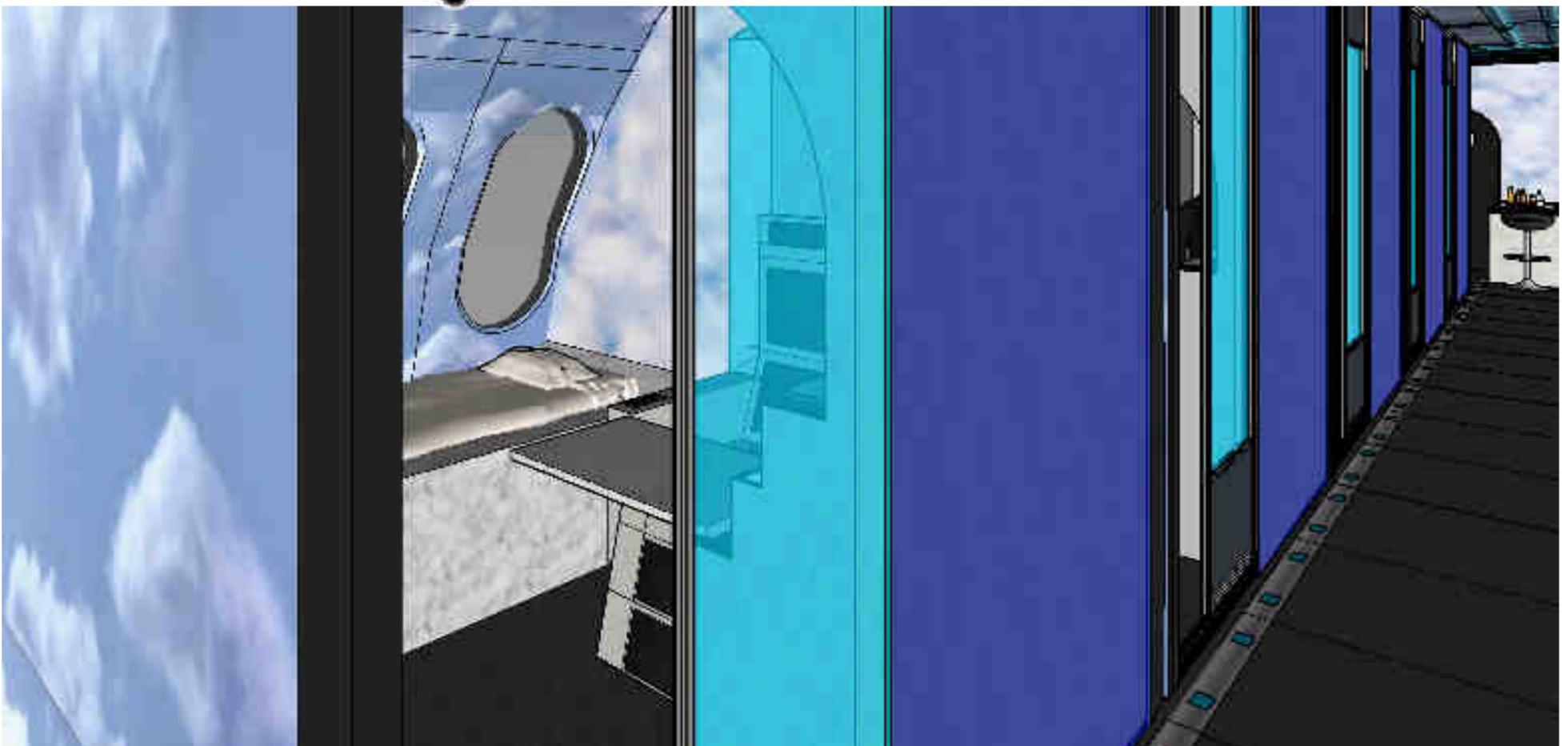
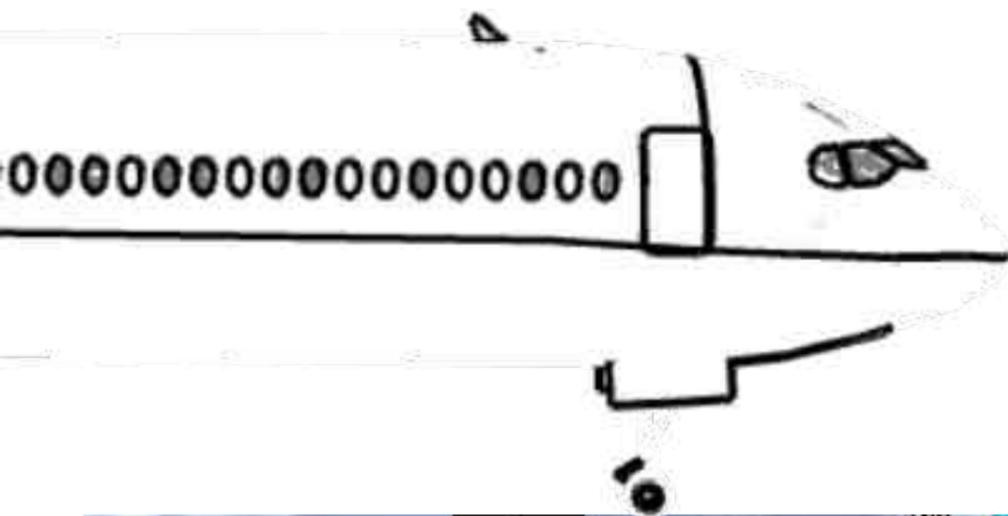
During this project I have liaised and communicated with a number of national and international companies who are leading the way and are extremely innovative with developing fabrications and fittings which are sustainable and eco friendly. For instance many companies are now using plant based fibres and waste.

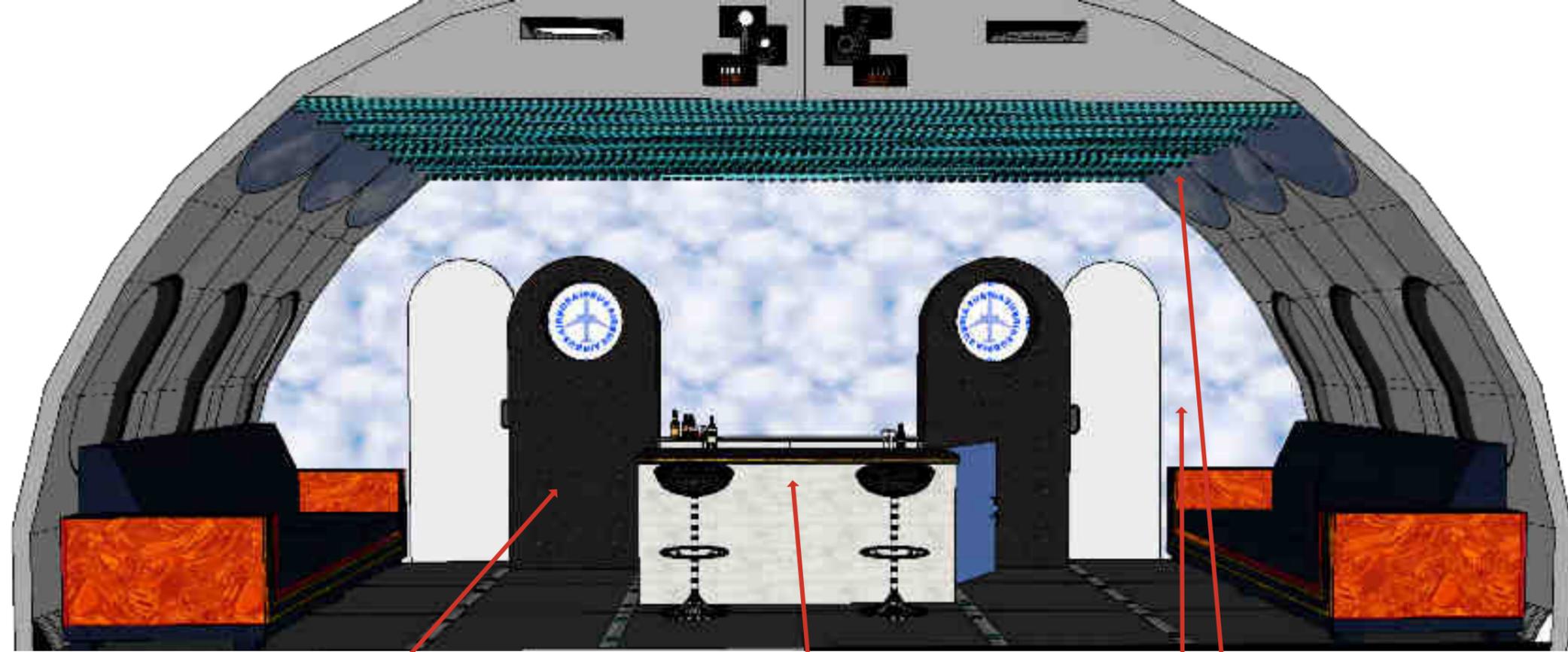




Some aspects I have researched and used to redesign and develop my concepts, include-

- **Costings and relevant specifications for all of my materials and fabrications.**
- **Technical specifications from the aeronaut industry**
- **Ergonomic design constraints linked to inflight comfort and spatial restrictions**
- **Colour and fabrications limitations linked to air pressures, light etc. I did this by requesting specific company Quality and Testing Results to explore how they felt they would perform for my concepts.**

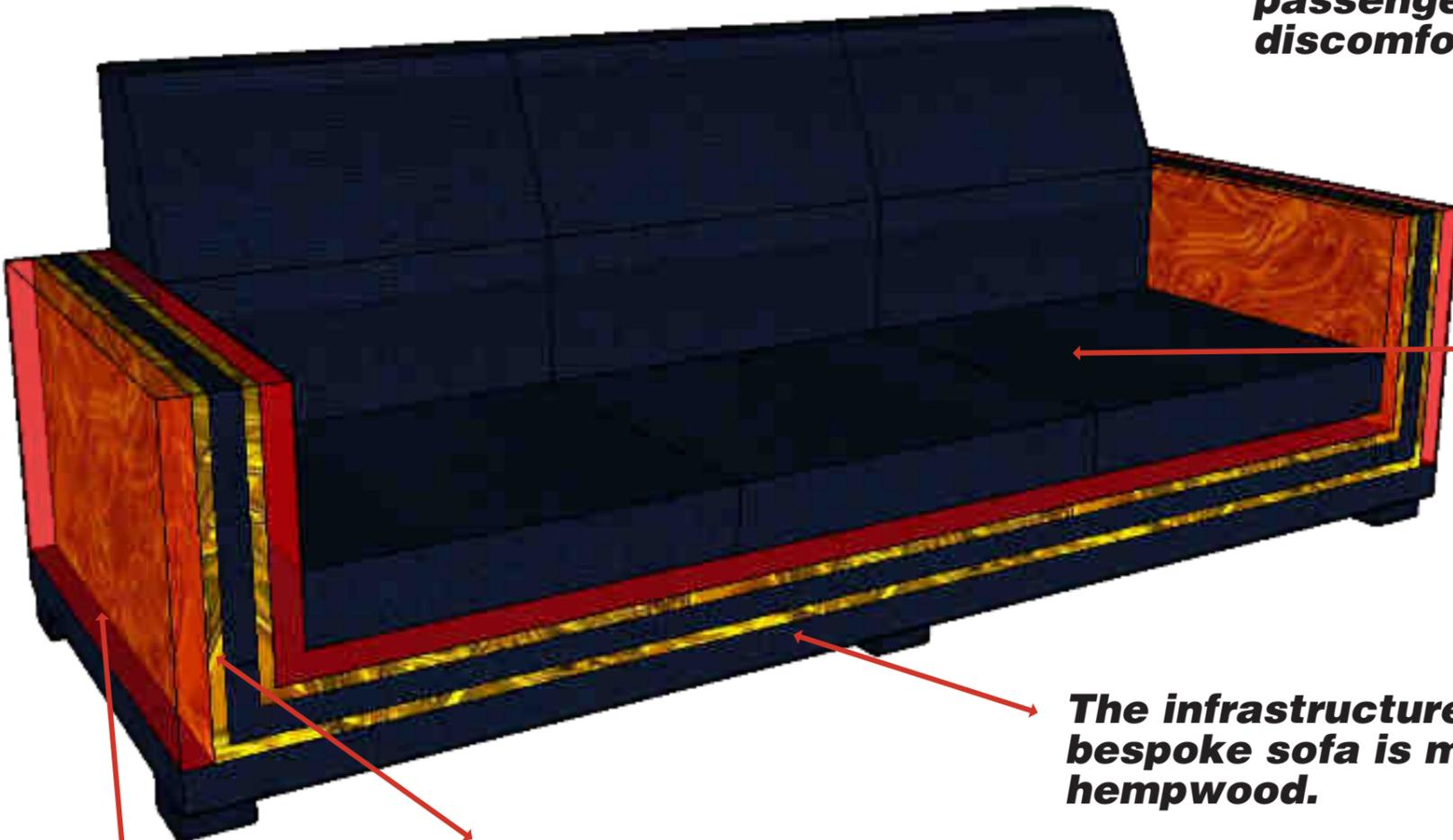




This bespoke piece has a infrastructure made of compost wood from HempWood and a thin layer of black quartz from MSI Surfaces with my Airbus Logo.

The Bar has the same materials as the columns on each side, additionally it has glass doors and the gold line you see in the countertop is gold fused into the quartz using electrolysis process.

The Clouds you see on the wall and ceiling is TV panels from Panasonic which would be connected to the cameras on top of the airplane to mimic the outside, In theory this shouldn't cause passengers any discomfort.

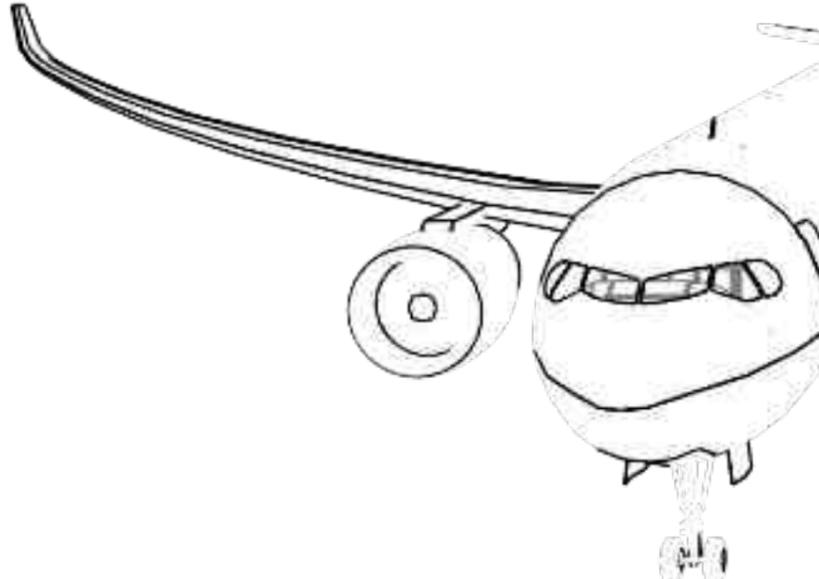


This navy blue fabric is from Spradling an environmentally friendly company that uses coated fabrics for contract use and other solutions.

The infrastructure of this bespoke sofa is made of hempwood.

This translucent red material is called cristalmood, which is sustainable resin fused with natural pigments of colour, this material is currently used for bathroom appliances but could be adapted to other functions.

Using electrolysis process it's possible to fuse gold effect on the outside part of hempwood, by mixing the gold during this process the outcome is a fluid gold effect.





By having TV panels on the walls to mimic the view from the top of the plane. In theory the walls would constantly change depending on the weather, but the panels could be changed to other visuals or just colours and the brightness can be fully adjusted.

The first-class cabins will have the same tv panels where the passengers can fully control it by using the remote control on the chair, this controller can also change the temperature in the room, lighting and main TV which will have state-of-the-art In-Flight Entertainment (IFE) systems.

