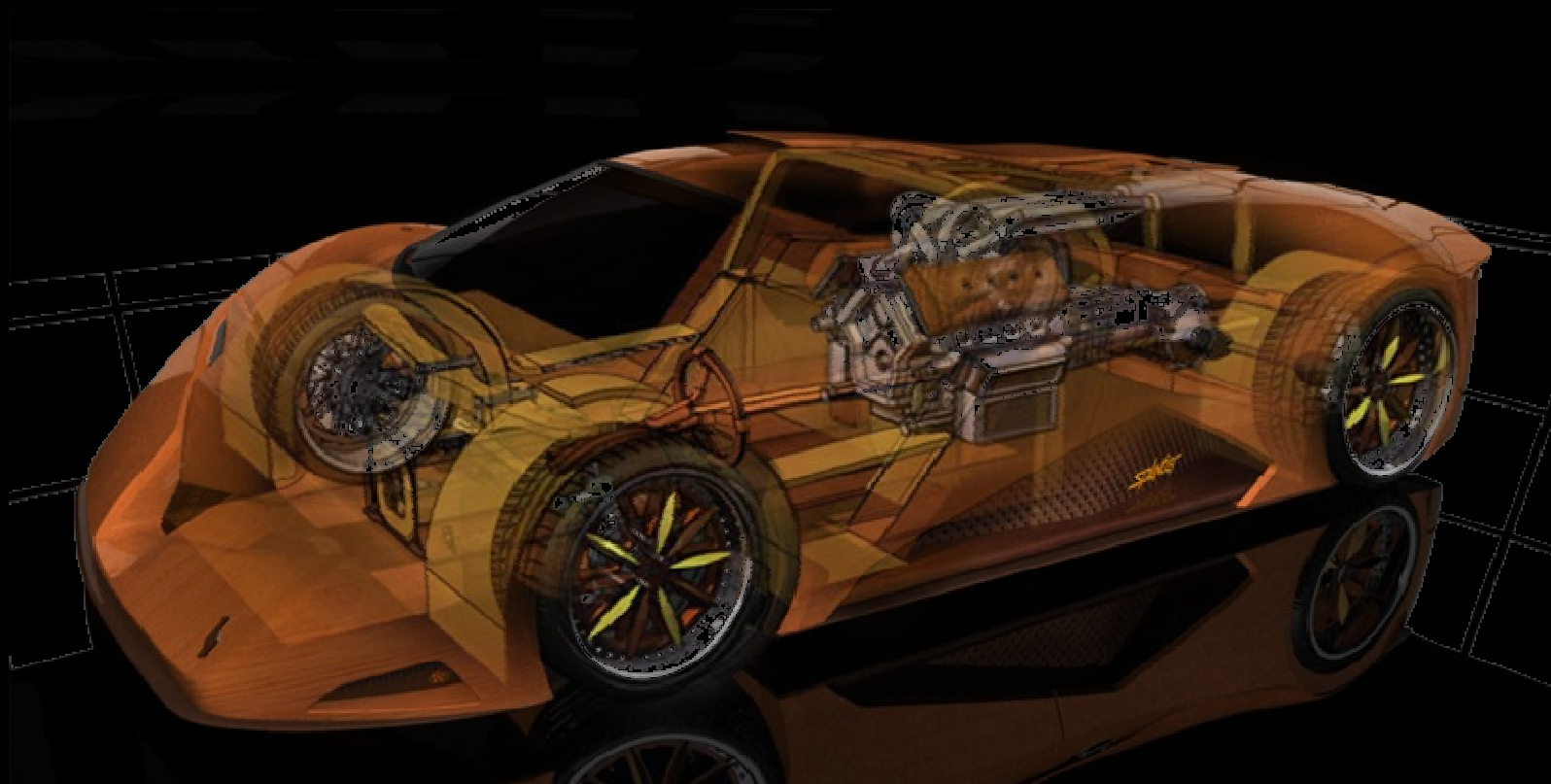


DAuto News Letter



Design engineers turn designs into reality. Without them, a great idea but nothing more than, well, a great idea.

Terrafugia flying car Set to Takeoff in 2011

The US Federal Aviation Administration has cleared the way for cars to fly with their approval of the Terrafugia Transition a.k.a. flying car or roadable aircraft. With this approval, the Massachusetts based Terrafugia Inc. has revealed that it will launch its flying cars to customers by late 2011.



The car which has foldable wings, successfully completed road trials and flight testing back in 2008 and 2009. Driving the two-seater car will require a sport pilot certificate. It is designed to drive on any road, and land and takeoff at small airports. The anticipated price tag is \$194,000.

Performance

Cruise: 100 kts (115 mph)

Rotate: 70 kts (80 mph)

Stall: 45 kts (51 mph)

Range: 400nm (460 mi)

Takeoff over 50' obstacle: 1700' Fuel burn:
5 gph

Fuel tank: 20 gallons

Useful Load: 430 lbs

On road: 30 mpg, highway speeds

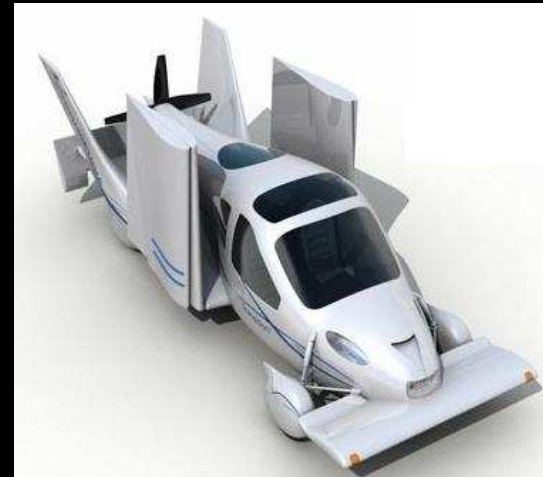
Light Sport Aircraft (LSA)

Dimensions

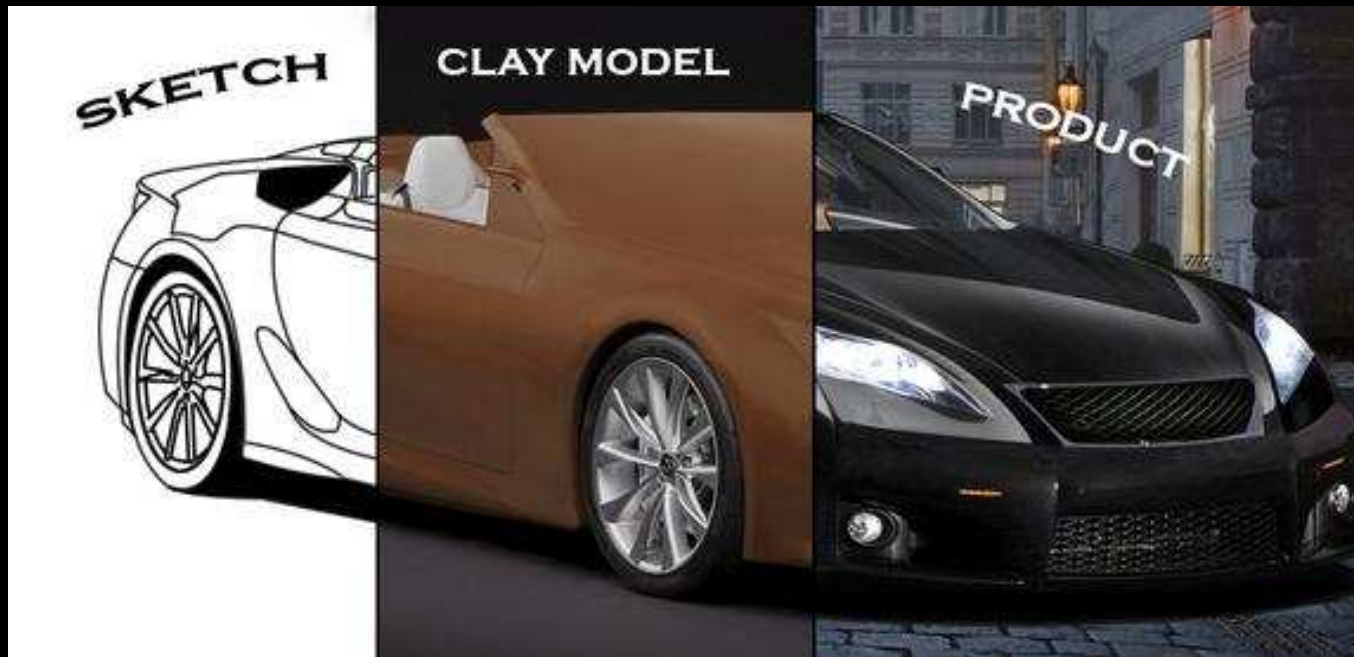
Folded: 6' 9" tall, 80" wide, 18' 9" long

Airplane: 6' 3" tall, 19' 2" long

Wingspan: 27' 6" Cockpit: 51" at the
shoulder



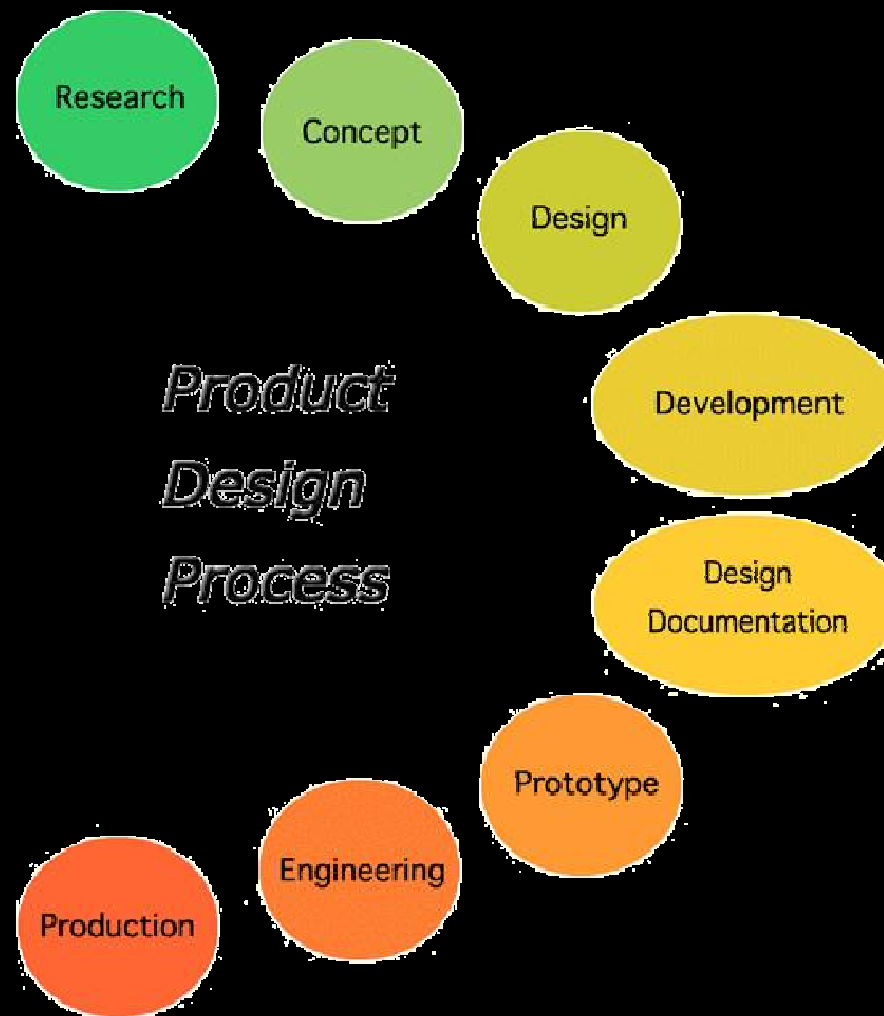
CAR Design Process



This is an example how to create a car. Start with a sketch, make a model in clay and finish of with the product.

Product Design Process

All Industrial Design projects follow the following process in order to launch a successful product into the marketplace. We work with our clients in using the following model to insure that all phases of the design process are addressed.



Various Type of Car Doors

Most of the exotic cars in the market come with unusual door designs. Now, with much car's accessories vendors available, it's possible to replace conventional doors from any brands with cool doors such as vertical doors. These are some types of vehicle's doors for reference if you want to change your doors into your personal taste

1. Gull-wing Door

This is a type of door that are hinged on their uppermost edge, at the roof rather than the side. They are so named because, when opened, the doors evoke the image of a seagull opening its wings.

Cars: Mercedes-Benz 300SL, Mercedes-Benz SLS AMG, Suzuki Cara

2. Vertical Door

Also known as scissors door or Lambo door, this is a door that rotate vertically upward, and are hinged at or near the end of the windshield. The design mostly accommodate for parking in tight space.

Cars: Most of Koenigsegg and Lamborghini types, Spyker C8 and C12

Various Type of Car Doors

3. Suicide Door

This is a car door that is hinged on the edge closer to the rear of the vehicle, known as the trailing edge. These type of door usually found in classic cars.

Cars: Fiat 500 and 600, Ford F-150, Rolls-Royce Phantom, Subaru 360, Vespa 400

4. Butterfly Door

This type is similar to scissor door, but while scissor doors move up, butterfly doors also move outwards, which makes for easier entry/exit at the expense of saving space.

Cars: Ferrari P4/5, McLaren F1 and MP4-12C, Nissan R390 GT1, Toyota Sera

5. Sliding Door

Ever see a hot dog or ice cream vans? They use a type of door that open by sliding horizontally, whereby the door is either mounted on, or suspended from a track.

Sliding door allows a large opening for equipment to be loaded and unloaded without obstructing access.

Cars: Chevrolet Van, Daihatsu Hijet, Dodge Caravan, Hyundai Entourage



Gull-Wing Door



Vertical Door



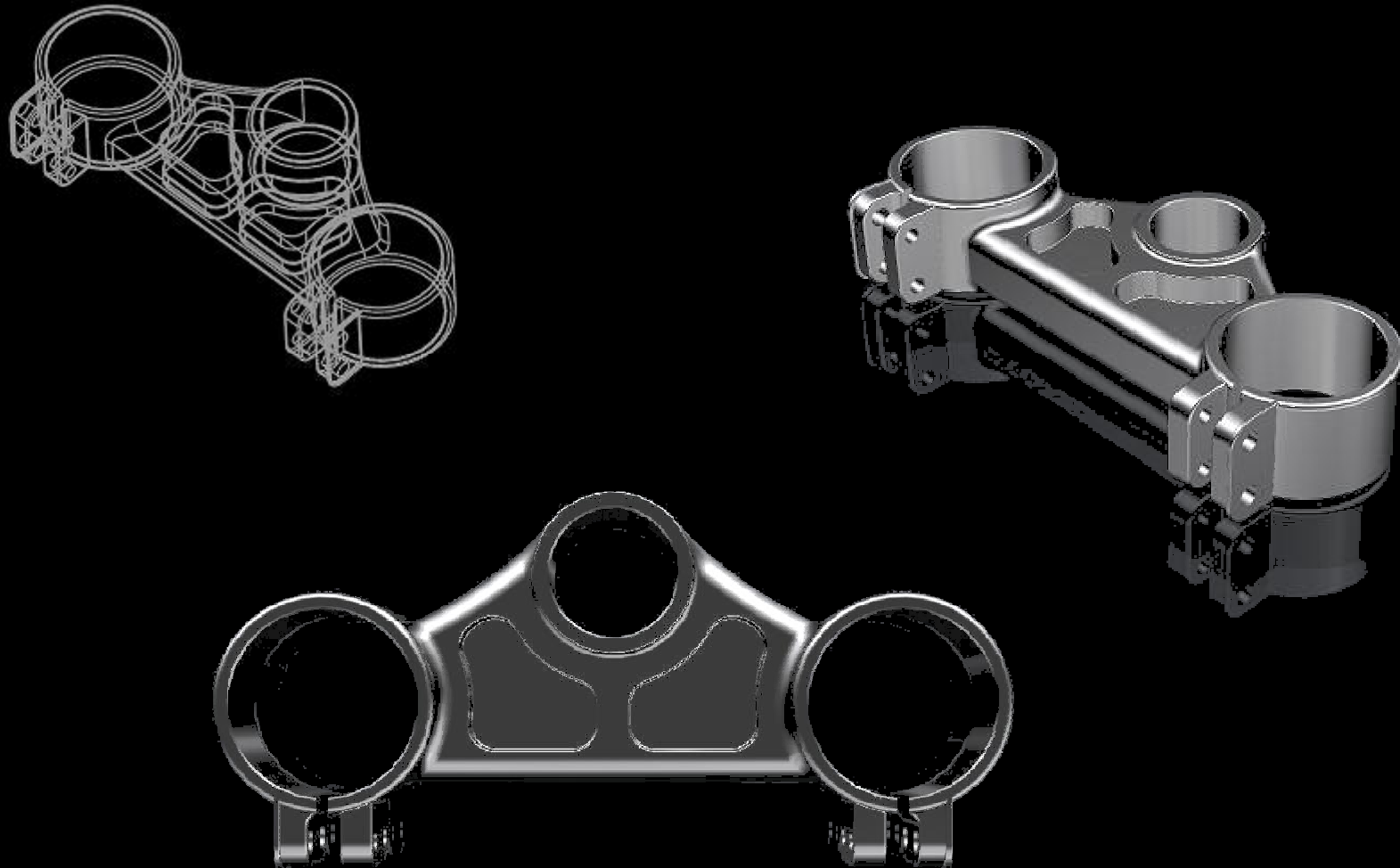
Sliding Door



Suicide Door



Butterfly Door



This contrive has been prepared and envisioned by one of the DAuto CAD School student during the period of Software Training on CATIA V5.

Good News : (OPENING AT DAuto)

DAuto Company has openings for the post of design Engineer, preference would be made for DAuto CAD School Students, Eligible candidates may send their Curriculum Vitae at :

careers@dauto.co.in

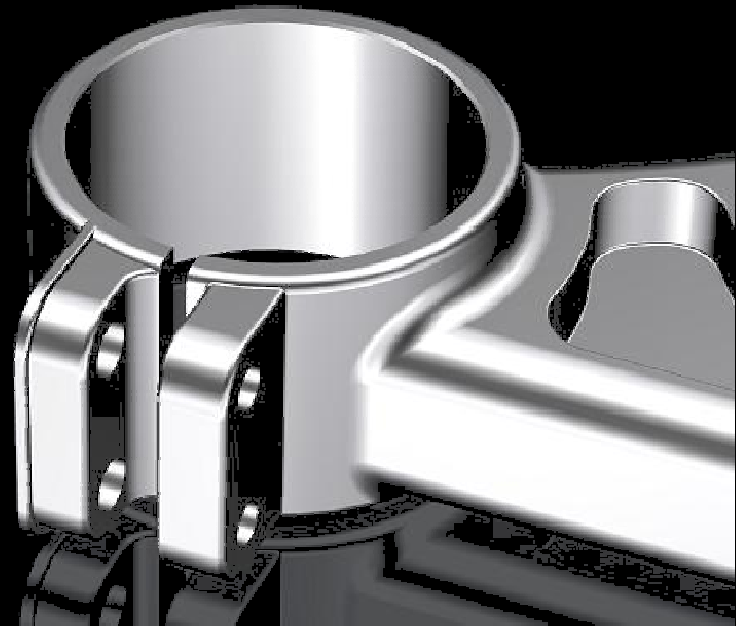
(LIVE PROJECTS WITH STIPEND)

DAuto initiated to provide live projects with stipend, it will be helpful for students in their hands-on experience and future building as well.

Design Courses on maximum Discount for students:

Being a student is good to grab the chance to get discount on CATIA V5 and Unigraphics NX to make a career in design and development.

For More Info : 9752006008/ 9981500100
training@dauto.co.in



Designed on CATIA V5.

Thank You !!