The Flying Wing Car

(*New Technologies to make the Flying Cars more Aerodynamic and Save the World Economically*)

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Abstract : The flying wing Car uses all outside surfaces to gain lift and maximize aerodynamic lift .The body and construction is based on ultralight and light-aircraft technologies.The use of compressed air to shape the outside structures to change the lift and drag according to the needs of flight..

I. INTRODUCTION *TO THE FLYING WING CAR*

The era of flying cars is upon us! The ideas proposed in this script are to tweak the performance and efficiency of the flying cars in general.

The Span of the foldable wings is E.g. 3.5 meters on each side with a chord of E.g. 2 meters and a variable camber that changes according to the inflation of the chambers in the wing causing an increase in the lift and increase in drag. This allows a good landing on a shorter distance. E.g. landing on an air craft carrier or landing in a short field. The Body of the plane is also a wing where the lift of the body alone can lift a person and the vehicle at a high speed with or without supplemental wings on either side of the craft. Relying on extra propellers and engines to maneuver the vehicle.

The vehicle with wings on both side and a wing body allows for slower ground speeds and safer lighter construction which also reflects on a cheaper cost .

II. THE PROBLEMS FACED

These ideas I I put into circulation in a conference in 1996 in Cairo however it met with stiff resistance from the political elite at the time. What brings me to bring up the matter again is a change in the political structure of the country I am in : Egypt. Also another reason is an updated Patent with new improved ideas.

III. WHERE DOES THE MONEY COME FROM ?

1 saving occurs in mass production and economies of scale of building engines & building frames savings also occur in buying materials in bulk also the raising of property values See No 8.

2 production of extras like extra fuel tanks and external and internal pontoons , spoilers , heavy duty undercarriages , 4X4 undercarriages ,extra security systems as extra parachutes , bumpers , weather / bullet proofing, air conditioning , aerials , entertainment systems etc. Giving value added to the vehicle.

3 (with respect to Services) note. IBM was a company that depended on products but now most of its income comes from services .So the services you can provide are maintenance and checking before takeoff and after landing, storage and repair of vehicles, parts (such as wings etc.) and supplying and teaching personnel to check for road and air worthiness of both cars and systems around the cars.

4N.B Microsoft gives a teaching certificate ICDL (International Computer Driving License) for simple users and for Microsoft Systems Engineers, there are other courses. Similarly your car company can take upon itself the training, certification and continuous learning of the general public and maintenance and design engineers for all stages for a fee… The engineers can build (1) the plane (2) the runway (3) the traffic control (4) the equipment. All these by installing and making and fixing and checking all of the above certified by you. Also the building of simple airports (simple meaning not built to withstand heavy planes it may be simply a gravel road with basic utilities.

5 the setting up of a club membership that pays for use of the infrastructure and which includes airports usage & its traffic control and the set up of beacons etc .

6 the setting up of security systems and on the ground personnel that check for unwanted luggage, and paperwork and other safety issues etc. giving the green light for checked cars on the traffic control monitor and the yellow for cars safe but unchecked (police cars &decent individuals) and the red light for potential threats on the traffic control screens so they can be dealt with accordingly. (More Jobs and more income)

7. I suggest the setting up of a Ready to take off maintenance & check list station where the wings are fixed and put on the cabin body the fixing of the parachute and a check list and similarly a production line style station where the car is readied to go on the road after landing, where the parachute is removed along with the wings etc. (even more income and jobs)

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8. The buying of land in picturesque remote areas and the set up of a simple station and simple tarmac or gravel road as an epicenter of a new community based on leisure or the value added given by the area be it weather or scenery or populous or safe housing or other ….

These areas once allowed access by the general public will raise the price of land country wide or even worldwide!! (taking the nation and the world out of depression)

ACKNOWLEDGMENT

Special thanks go to my piloting instructors Mr. William Radcliffe and to NASA who have teaching programs for the scientific minds. I hope to upgrade peoples minds like my tutors have done to me .Thank you to all who have sponsored and to those who want to sponsor Call .

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