

Transport in the future



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Imagine that you wake up the morning and drink a cup of coffee and then enter your car and leave them free rein to take you to the headquarters of your business. Or imagine that you go on family leave, and you drive your car to the path of self-driving cars on the highway, and you press a button and then manages the throne, the direction of the other passengers and start playing cards or watching a movie with I And maybe your sweetie go to the city of Detroit, but it left you have enough leave to cut the trip from Dubai to Detroit. There is a technology jet will be able to take you across half the globe in about two hours so you can spend the weekend with this person dear to Qbaksahih that the technology is still far from enabling us to enter the machine-like trailer phone and move in a jiffy to another place across the other side of our world, most scientists agree that such a dream is not achievable. But we will see in our revolution in the travel allow us access to all parts of the globe, and beyond the globe.

The first changes started to occur already in regard to the most common and essential means of travel: the car. Car technology has become advanced to the point that some with three-dimensional maps include actual pictures to help you reach your kiss desired. There are also cameras installed on the cars allow us to see what is directly behind us and made us the warning signs of drowsiness, we drive a car or if we do not see the car parallel to us on both sides of the road as we move from the path to another. Also available control technology in speed according to the self-traffic conditions or weather, and a range of other entertainment devices. There is also a technology to sail from one place to another voice-and allow us to identify on the road. This says Karl Brauer, editor of Edmunds. com mail, which tracks

the rapid developments taking place in the automotive world, that today there are systems for navigation will allow you to print the name of the starting point and the access point desired then is take you through the images and voice commands to your kiss, but it remains to be You must drive the car. He adds that this will change eventually, “ What will happen is that I am I will go to my car and I will set my hand and, to the complex markets, for example, will launch the car in the pre-programmed routes.

It would be impossible to cars collide because each one of them know the site the other cars accurately. I can read a book or listen to music during this short trip. ”

One of the great advantages of this system is that all cars will be subject to control through computer, so they can start at higher speeds to reduce travel time to half-time to be the norm.

This technology is available thanks to the new radar systems and global positioning systems, which are provided by the car. And that talk of such technology “ after”, as is the case with PDAs (P. de A), computers, video games and cellular phones. Such devices that can help you even if you decide to drive yourself, “ and wrote that the radar can predict that an accident is about to fall,” says Brower. He adds: “ This technology will do what it takes to Tjnepk the effects of shock was the driver to push a chair back away from the wheel, or they closed the roof top slot to reduce the chance that you or your stuff flying out of the car.”

High .. Away

The problem lies in vehicle travel in many countries of the world in road congestion. The population is growing steadily, and people are buying more cars, roads and reached their maximum expansion. What is the only place that can be resorted to? It is the sky! Does this seem a fantasy too? Nope. Not according to Dr. Paul Mueller, the inventor of the car bodies, he believes we will see a car like this is used in emergency services by police, ambulance and fire services within five years. Then expanded to include the use of commercial services such as parcel delivery service.

Mueller is expected to reach these cars revealed in the public sector within 10 years, and we may begin to move our car to the plane, as does George Jitson in cartoon strips.

Says Müller: “ It will start off in front of your doorstep, then you will be redirected automatically to the line of air. And maintain your vehicle at a fixed distance from other vehicles, everyone UNOMSA the same speed because the process is all geared-wire. Will move people from one place to another while reading a book or magazine or a newspaper or playing computer games or doing what they would like to do while being transported from point A to point B “.

It will be the maximum load of the car is heavenly six people, while the maximum distance will be 1200 km. Because these cars will move quickly revealed more than 500 kilometers per hour, it will go the distance from the city of Boston to Washington DC in less than an hour and a half. There will be no traffic jams. Not only that, but it would be a means of travel is completely safe, as he says Müller: “ the vehicle itself will be many details on that,

incredibly, they will be equipped with several engines and several umbrellas, computers and multiple devices for global positioning. This will be supported by systems in Russia and Europe. ”

Dr. Daniel Golden is expected to head the U. S. Agency for Space Administration (NASA) that is available for this type of aircraft the runway for about 25% of the population of the United States within 10 years and 90% of the population within 25 years.

He adds Bruce Calkins is an executive working for Muller, said: “ Technology will be available that will allow the car revealed that fly on their own, and it will travel in this way is easier than driving a car.”

It would be possible for many of the flying cars that reside in the atmosphere at the same time without collision thanks to the initiative “ the way Heavenly Express.” It saw the U. S. space agency and the Federal Aviation Administration that it is necessary to make the possibility of a normal person, led by a small aircraft, such as car bodies, likely applicable. Therefore, the two institutions developed a program my computer will allow anyone under the leadership of a small aircraft.

Mueller said: “ I do not think people realize how much we are close to the possibility of finding the area of air is run entirely by computer. Initiative is the way celestial highway, once achieved, will not allow you any discretionary powers in their drive a vehicle in the air. The last thing we want is someone there lacks the expertise or the captain drunk. ” There is another reason why the launch of the car revealed possible, that he would not be necessary to invest any funds for the construction of new infrastructure.

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Muller says: " The beauty of this idea that they would not need 50 years to build a network of highways, it is all in the end the equipment and software."

We should remember here that the construction of new infrastructure is a problem faced by the development of trains, " Mag Lev" high-speed and extremely efficient. They rush at high speed high off the tracks in several inches, while remaining connected to them by the magnet.

Says Ray Bilukwiyn Vice President Al Arti K. and Associates, one of the largest engineering design firms in the world, one of the reasons that may prevent the transport systems between the public and achieved in the future is the high cost of building new tracks.

Bilukwiyn says: " The government should provide funding. For this to happen, we need a generation of people say: I am tired of spending four hours in travel every day."

Faster than a bullet

Although the idea may be the heavenly car on the ground, but it will not solve the problem only travel over the average - the distance traveled by buses and trains. But what about crossing the Atlantic Ocean to the other side of our world?

Has made the U. S. space agency test engines running at speeds exceeding five times the speed of sound of planes and arrived in speed to the speed of Mac -15, or 15 thousand kilometers per hour. This technology will make the farthest reaches of the globe in only two hours away.

Charles McLinton former chief technology officer for a NASA Hyper-X in the center of Langley technology that hypersonic is boom five times in the future of transportation, it will revolutionize air travel.

He adds: “ You can day breakfast in Boston, and lunch in Los Angeles.

Imagine that you eat lunch in Boston and dealing with breakfast in Tokyo.

You can today to receive the parcels sent to you the day before from many places in the world. Imagine that you receive the package at the same the day it shipped. We see astronauts today as they rampaged through space.

Imagine being able to go to space travel portal and travel through space with the same degree of security that travel across the land. The technology that hypersonic five times could turn this dream to reality. ”

McClinton say that the engines that operate combustion technology that ultrasonic motor is the only effective and that exceed the speed of the speed of a Mac 5. He adds: “ On this level of speed, the aircraft flying at higher levels in the atmosphere. And if the plane was flying at speeds of Mac 10, it will fly at a height of about 30 km in the atmosphere, and the trip from New York to Tokyo, less than two hours. is likely to require these high speeds out of the atmosphere and then enter it in the vicinity of the place of access. ”

One of the advantages inherent in traveling at higher speeds and higher on the paths is the presence of a greater number of airways that aircraft could travel through it. A further advantage for the design of aircraft faster than the speed of sound is five times higher reduction of noise means that aircraft can fly over the earth, as in the case of aircraft normal.

And will become the technology ultrasonic high-speed is standard for air transport in the end.

However, the Mclinton says it is likely that there will be military applications in the beginning before they develop the technology to the first plane-like spacecraft capable of being used again. The next stage after that, it will extend the reach of this aircraft for global military and civilian. Clinton adds: " I think that this technology will be available for service within 10 years, while operations will take further development and commercialization of a longer time, about 50 years old will be more than sufficient to achieve this."

The vehicles that run on combustion mode ultrasound bridge between the science of aviation and space exploration. Has become the aircraft speed ultrasound is high the next space shuttle, or, at least, a tool launch vehicles in space.

Says Mclinton: " The vehicle-speed ultrasound high is the next generation in aviation science, studies show that the launch systems developed from this pattern could have done everything that you do space shuttles and the additional advantages. Goshen does not exceed 1 / 5 weight shuttles regular and cost does not more than 1 / 10 of the cost. and that the risk is much less in terms of not more than 1 / 1000 of the risks as well as the usual high flexibility. " These can generate speeds of vehicles to be launched outside the atmosphere, but would be able to launch or landing in any large airport because it is more secure than the rockets. Has become the key to this is the space tourism industry.

The need for fuel

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But the scene is not without its skeptics. Many of them point out that we will continue to be dependent on fossil fuels. Whether it's cars or cars or heavenly planes and combustion ultrasound, we are still in the communities dependent on oil. Says Tom Mast, author of more than a barrel: A concise guide to the oil shortage

Over a Barrel; A Simple Guide to the Oil Shortage Our use of oil will be restricted during the 60 years since " there will be cars and other media for transport fuel derived from oil for decades

But we need to develop other fuels for vehicles that use ground fuels derived from oil at the earliest possible opportunity. We have not done enough efforts in this regard; problem is we do not do what is necessary. We still do not approach the issue with the seriousness required. "

The reason for our need for alternative forms of energy to ground transport such as cars and trains is the lack of models of vehicles until the aircraft that use alternative energy. There are no many options in this regard in the present. May become an effective source of hydrogen and capable of growth. However, currently requiring greater amounts of energy to convert it into fuel than those provided by us. Mast believes that the wave of the future will not be traveling in cars or planes divine the ultrasonic high speed, flying from New York to Sydney in two hours, but movement in the electric cars.

Says Mast: " hybrid cars working with electricity will have batteries larger enable the car from a distance of 100 km. Then you'll be able re-shipped from your home. Studies have shown that most people do not drive their cars for more than 100 km per day. This means that it would bethe average

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person can use fuels not derived from oil in several days. But these hybrid cars will be equipped with operating electric tank of gasoline so that one can switch to if the need to travel for more than 100 kilometers. ”

These vehicles like hybrid cars available in the market now. It will be more expensive but will not use gasoline at all. But if we start to use electric-powered cars, we will need to generate more electricity. This means: more fuel to generate more electricity. We'll need to support network for electric cars because they can not go the same distance traveled by the vehicle fuel derived from oil.

Mast believes that true innovation in the future will be in this area, “ vehicle of the future will be more efficient in terms of energy consumption. It will not fly in the air but will go longer distances, using less energy.” And adds Mast said: “ the greatest inventions of the future will be in the area of energy storage. But how do we store energy in a car? At the wheel include the operating system enhances the kinetic energy? Or by using hydrogen? Or using batteries? Solution may be in other ways not thought of yet” .

Whether it is a car electric car or a plane or space jets or ultrasonic high speed, the forms of travel are going to change dramatically in coming decades.

And will become the means of transport more efficient, faster and more far-reaching, and will become the world a smaller place than it is today. egad you satellite you and your family safely to the beach at 200 kilometers per hour.

Helped the successful experience of the U. S. space agency to launch an experimental aircraft traveling at 5 thousand miles per hour, increasing hopes of a revolution in transportation in the future.

There is no doubt that transportation plays a vital role in our lives may affect many of the decisions such as selection of site of the house where we lived and the places where we spend holidays.

Scientists say “ NASA” The plane pilot called “ X-err -43” make the world seem much smaller. The success of the experiment to some predicted that one day take a flight from Britain to Australia just two hours.

But, apart from considerations of cost, the government is always concerned about the environmental impacts of such innovations, but it may hamper the use of technology that could harm the Earth’s environment.

And does the future hold any revolutions on the means of transportation?

What are the ideas? Is it possible for her to see the light of day?

Flying cars

The development of light aircraft technology will make it possible to acquire each individual car is a plane containing the cabin closed and heating system and a place for two people.

Possible to separate the wings and complete the journey on the ground

Can this car take off from a field or a highway and when you access can be separated wings are installed and complete the journey on the ground.

Advanced engines and reduce costs as would maintain the environment.

Does that happen?

It is not unlikely. Pegasus face competition for the manufacture of light aircraft are already built cabins are closed, and some of the aircraft can travel at speeds exceeding 130 miles per hour for four hours.

Says Bill Brooks, president of Pegasus that the cost of a combination of a light aircraft and a small car is about 30 thousand pounds sterling.

But jumps to mind the possibility of accidents in the air.

Usually prevent the Meteorological Agency of British light aircraft flying, and have allowed only during daylight hours and there must be a path to take off and landing as well as to learn to fly is not easy.

There is also a question about the development of driving machines that can make the cargo safely.

Rocket jet

Use the James Bond rocket jet carrying on the back to escape from Castle France in one of his films. Luther, as the opening ceremony of the Olympic Games in Los Angeles in 1984.

Rocket jet costly

And you will be able to use rockets jet, the size of Asitwanti Diving bear on the back, short trips, perhaps to go shopping . Can also be used to clean the windows in the floors high and access to non-traditional concerts.

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Does that happen?

Although there are models which, it is still hard to produce cheap copies of expensive and unreliable in practical uses.

Taxis without drivers

These can be controlled by the electronic transfer of passengers to cross paths fixed.

Cardiff have tested the use of taxis that operate online

Other these cars and a speed of 25 miles per hour and walking path will be secured by fencing on both sides of the road to prevent accidents.

There will be no waiting times for taxis, which will leave the stations and are used to pay the flight by using a prepaid card.

And decreased consumption of those vehicles, which will be on the way to meter-wide and a half, for energy by 75% compared to the car and 50% compared to the bus.

Does that happen?

There is a good chance to appear in the future. Were tested in Cardiff, where he hopes to processors in the production of 160 of these vehicles to operate by 2006.

Said Martin Lawson, CEO of Ultra that there was interest from other regions. Such as some airports.

But the difficulty lies in convincing investors and political support of the project, in addition to the possibility of sabotage of vehicles.

Environment-friendly cars

Cars of the future will be less harmful to the environment significantly and will be equipped with devices to reduce future incidents.

And can operate vehicles using reactor fuel waste.

The cars will look more rotated by safety laws. And will be equipped with sensors to track pedestrians and other cars and airbags inside and outside.

He may be the way to identify them by satellite, it might be possible to control traffic flow through the "talk" between the cars to regulate the traffic flow, which means the end of traffic jams.

Does that happen?

Society says that manufacturers and sellers of cars has already been developing fuel-cell vehicles. And expects the Assembly "to see the models, including twenty years working on hydrogen will come out with only water."

But it will be many years before the spread of new cars, and it will take a long time to bear the improvements that were introduced from both sides of safety and environmental effects. The technology used is still experimental. There are doubts about the conviction of car manufacturers and their ability to produce them.

Maglev train outstanding

Cut off the trains that use electromagnetic technology, the distance between cities at speeds of 260 miles per hour, twice the speed used by travelers in Britain.

Maglev train is already in use in China

Will run the train on the tracks above a certain electromagnetic cushion reduces grinding bars.

Does that happen?

Operates the first train of this kind already exist between the city of Shanghai and Pudong Airport in China. Was reached to this technology in Britain and held the line between Birmingham International Airport and railway station nearby. But was sacked in 1995 because it was not practical.

But the costs of running this type of trains forced Chinese authorities to cancel the establishment of a similar line between the capital Beijing and Shanghai.

There is very fast trains operating in Europe, Japan and the speed of the speed of approaching trains, but on the electromagnetic bars.

Transition to the new era in more like universe to move into an era of imagination. Cars and aircraft flights into space and fuel electric, all that makes the future of travel and like an extension of the movie from the science fiction movies, but this future is much closer than we think or expect. Imagine that you wake up the morning and drink a cup of coffee and then

enter your car and leave them free rein to take you to the headquarters of your business.

There is a technology jet will be able to take you across half the globe in about two hours so you can spend the weekend with this person dear to your heart. I've been around the computer and the Internet in advance to the world a smaller place by allowing us to engage with others in the information anywhere, anytime. It is true that technology is still far from enabling us to enter the machine similar to a trailer and move the phone in a jiffy to another place across the other side of our world, most scientists agree that such a dream is not achievable. But we will see in our revolution in the travel allow us access to all parts of the globe, and beyond the globe. The first changes started to occur already in place for the most common and essential means of travel: the car. Technology has cars are advanced to the point that some with maps of three-dimensional including images of real help you reach your kiss desired, there are also cameras installed on the cars allow us to see what behind us directly and warning signs that made us sleepy and we drive a car or if we do not see the car parallel to us on both sides of the road as we move from the path to another. One of the great advantages of this system is that all cars will be subject to control through computer, so they can start at higher speeds to reduce travel time to half the time required norm. This technology is available thanks to the new radar systems and global positioning systems, which are provided by the car. And that talk of such technology yet, as is the case with PDAs (P. de A.) computers, cellular phones, and can this device help you even if you decide to drive yourself, and wrote the radar can predict that an accident is about to fall .

The beauty of the idea that they would not need 50 years to build a network of highways, it is all in the end the equipment and software. We should remember here that the construction of new infrastructure is the problem faced by developing trains Mag Lev high speed and the amount of efficiency. They rush at high speed high off the tracks in several inches, while remaining connected to them by the magnet. This idea is planned for one of the largest engineering design in the world, one of the reasons that may prevent the systems of mass transportation and achieved in the future is the high cost of building new tracks, and for that to happen, we need a generation of people say: I am tired of spending four hours in movement per day.

Transport is the most important pillars of economic structure which is the essential foundation for the development of economic activity when any of our network I slavery and modern means of transport must find the economy of this state in very advance

This was the development and transportation along with the evolution of man on this earth and increasing requirements of various commodities and complexity of economic systems.

The idea of Transport stated that the man was carrying things on his back or withdrawn on the ground, has been found that the withdrawal of anything on earth will be easier in the case of the ground smooth, or if placed on the crawler and pull crawler itself, and then developed this idea to develop the veins wooden cylindrical bottom crawler for easy rolling and this idea is the main reason for the invention of the wheel. The pharaohs built the pyramids

to withdraw blocks on the ground and put it in place with the work of special passages with a tendency to gain access to the alleged required. And then use the rights of animals in transport. Given the nature of the geographical conditions was credited with the invention of the ancient Egyptians sailing Almjaddavip and use of transport in the River Nile for more than five thousand age