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Salam, as I promised, here I will show you all a tutorial on how to reverse engineering with catia v5 for Boeing 747 400 commercial aircraft. This reverse engineering method requires only 3 view planes (top, side, front) as a datum reference to do 3D modeling. This method is not accurate only with 80% accuracy, and it has lost high accuracy in the field of detail. But, higher accuracy can be obtained by purchasing images that are in high detail, such as a detailed drawing plan. This method requires the user to use the various workbench in CATIA v5, which are Wireframe and Surface Design, Photo Studio and Build workbench. I did this tutorial using these three workbenches. You can travel through these videos step by step, but unfortunately some of the videos can't be played on YouTube because of its objections to videos that are over 15 minutes long, so these videos can't be viewed at this point. InshaALLAH, when I have time, I will share it to make it in less than 15 minutes. Click here for the image link. thanks to the website for images. The review of the use of numerous systems to develop digital products from physical prototypes is complex and costly, leading to delays in product development. Companies require intuitive environments that are ergonomic and fully integrated to achieve rapid ROI. CATIA - Reverse Engineering allows you to quickly capture the physical shapes of the prototype to improve your style, making the 3D virtual model the standard design. It provides powerful technologies in the CATIA environment that make it easy to manipulate dot clouds and quickly transform them into high-quality 3D surface shapes. 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You can someone send me a link or a note or a video etc..., please send me . CadCloud Responded on April 20, 2018 10:49 AM You can't learn the reverse engineering you have to try to decide how the product is made and then try to replicate it to the best of your skills. Vladimir Tigliev responded on April 20, 2018 04:21 PM If you want to reverse engineer a product that is one. If you need to know the process is different. From what I have taught the process goes as follows: 1) You have to document everything you do. 2) Use the product and see how it functions and what other products are on the market that do the same function. 3) Create a product CAD model. - Don't break any part that can't be disassembled. - Once you've documented all the prosses and all the cad parts that you could disassemble. Break the remaining parts and see what type of glue was used. 4) After completing the CAD build to create a product report, it states which parts have been designed for what users are. 5) Also identify the materials that have been used and the manufacturing process for each part. After all this, you need to have a good understanding of what it is to draw a product engineer. The best way to describe the process: You have to get into the mind of the team that created this product and read it. Salam, as I promised, here I will show you all a tutorial on how to reverse engineering with catia v5 for Boeing 747 400 commercial aircraft. This reverse engineering method requires only 3 view planes (top, side, front) as a datum reference to do 3D modeling. This method is not accurate only with 80% accuracy, and it has lost high accuracy in the field of detail. But, higher accuracy can be obtained by purchasing images that are in high detail, such as a detailed drawing plan. 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