

The aircraft selection of Emirate

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Abstract

Nowadays Traveling by plane is very popular around the world and there are many airlines that happen all the time both of low cost airlines and full service airlines. The aircraft is the main resource in the aviation industry. And companies that produce aircraft that are quite popular with airlines around the world. There are 2 companies, Airbus and Boeing.

Emirates is the world's top airline. And as the airline that has the most route of the flight is a long haul. That's why Emirates select use aircraft the largest size of the Airbus and Boeing is the airbus 380 and the Boeing 777. And now Emirates has scrapped all the old planes, leaving only 2 models.

Keywords: “Airbus” , “Aircraft” , ” Airline” , ” Boeing” , ” Emirates”

Introduction

The world's largest aircraft manufacturing companies have 2 companies, Airbus and Boeing, which have produced many different models of aircraft. And the relatively popular model is the A300, A320, A330, A340, A350, B737, B747, B767, B777 and B787.

The airline in the Middle East has three big owners, Etihad, Emirates, and Qatar, which has three routes. Most of them are long haul, so the choice of aircraft is quite large. But the airline emirate chose to use a variety of aircraft but nowadays, every plane has been scrapped. Leaving only A380 and B777



Research Methodology

Objective of the research:

1. To study why Emirates choose to use only two aircraft models.

The main reason for using different planes is to maintain the aircraft. Because the engineer is repairing the plane, there must be a license to repair the aircraft in each model. And must have received the correct training that is why the Emirate chose to release all other aircraft models and left only two models of aircraft.

2. To see the value of choosing these two aircraft.

To avoid the cost of sending engineers to train and avoid wasting time to train all models that may mean the plane is ten models that can be Maintenance is easy due to the time that the aircraft is damaged. Finding spare parts and repairing is also easy.

Emirates is a large airline in the Middle East. And is a famous airline Making this airline to be trusted by people in many countries and trust in using the service That makes this airline has a variety of destinations, including routes that are very long-term flights in the European zone. This is another advantage of using these two large sites. And is a good plan of the airline when the problem occurs, the plane must be changed The airline will have a plane that is large enough to handle various situations that will occur.

Emirates is the largest operator of the Airbus A380 and Boeing 777 aircraft with 85 Airbus 380s and 160 Boeing 777s in its fleet. The airline has 150 orders on its books for the new Boeing 777X aircraft. It's is due to take delivery of its first 777X in 2020.

The new version of the 777 is designed to compete with Airbus 350. Boeing says the plane will be the largest and most efficient twin engine jet in the world. The

interiors will feature some elements taken from the company's 787 Dreamliner, including larger windows and mood lighting.

Emirates has grown rapidly over the past decade and in 2016 alone has taken delivery of 36 new aircraft – 20 Airbus A380s and 16 Boeing 777.

Boeing 777 is a wide body aircraft. Use 2 engines with long range flight Produced by Boeing Commercial Aircraft Production Department Which is regarded as the first commercial aircraft designed and developed on every step of the computer.

Airbus 380 is spacious in the cabin. Making it an advantage in long distance travel which each airline there will be a design of this model aircraft with added convenience. In different angles Such as a massage room, a spa room, a bar, a drink, etc. There is also a flight test of this model aircraft. The result is that the Airbus A380 is a very quiet cabin. There is very little noise while traveling.



Conclusion

The results from this research have been answered by the objective of why Emirates only chose to use two aircraft models. That Emirates has an investment strategy that choosing to use a variety of aircraft causes a waste of capital. Both in terms of capital and about sending engineers to train again that makes them choose to dispose of the old model that has only two versions, the A380 and B777 and the

second objective is what is the value of choosing these two models of aircraft? The two planes are very popular models of both companies. And is a plane that can be called a super jumbo as well with that Emirates is a world-class airline that has a route to fly mostly long haul, so they do not hesitate to choose Airbus and Boeing's giant aircraft service.

Discussion and Recommendation

From doing the above research Making known that the work must be planned And foresight To find the best way to invest And this research, which has been prepared in accordance with the knowledge that has been learned That is, choosing to use a plane with the least variety of models will save both time and budget. This research makes the educators aware of the investment of the giant airlines. And agreed with this type of decision because it is reasonable

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