

Analysis the Development of Commercial Aviation

The Social, Political, & Technological Impact on Society

Executive Summary

The purpose of this report is to discuss the development of commercial aviation, and its impact on society. The Airplane has reduced our travel time dramatically and increases our working efficiency. It pushes economic development and shortens the distance among countries across the planet.

The scope of this report focuses on the commercial aviation and the analysis is conducted based on the impact of the social life, global economy, environment and policy. What's more, in recent years the development of high-speed rail (HSR) has grown in some countries and provides an alternative to aircraft travel. To analyze the impact of HSR on air transportation, this report chooses China as a case study to develop forecasts and to evaluate the impacts of both modes. This report sets out to provide clear evidence for a widespread and deeper public debate on these issues and concludes with a number of recommendations for government leader to make a long-version infrastructure investment and ensure that aviation continues to contribute to the economy globally.

The major points covered in this report are the followings: 1.introduce the background and the milestones of the development of commercial aviation; 2.analyze the impact of the air transportation on several sides- social impact, economy impact,

environmental impact; 3 analyze the impact of high-speed rail on the commercial aviation; 4 concludes and makes suggestions for the development of commercial aviation.

The major conclusion of the report is that in order to achieve the sustainable aviation development, air transportation and high-speed rail can serve in a complementary manner. And together they can achieve the future goals for the low emission, environmentally friendly high speed travel.