That Used to Be Us: Through the Eyes of the Aviation Industry

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Abstract/Description
The U.S. economic success was rooted in an industrial policy which had five pillars of a prosperity formula that served as a catalyst for development and growth: 1) public/private cooperation on education, 2) immigration policy, 3) infrastructure, 4) risk/capital management, and 5) government-funded scientific research. In this paper, the development and growth of the aviation industry is viewed in the framework of such a prosperity formula in order to face the four areas that the entire economy will need to face in the current market in order to be competitive in the global market in the 21st century. Since the aerospace and aviation industry is an integral part of the US economy, it stands that those elements will also challenge the aviation industry's future. Considering the economic history of the industry and the prosperity formula, the industry has opportunities for not only normal growth but potentially can be used as a catalyst for industry health, significance and renewal in the future as well as the indirect aviation-related industries. It is clear that further research and thought are needed to provide pathways to meet the four economic challenges in the aviation sector identified in this paper. It is hoped that this paper will serve as a foundation for that research.

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discomfort or fatigue and to provide reasonable passenger comfort." The admission that irritation and transient symptoms can occur demonstrates non-compliance with the above rules. The global aviation industry continues to expand, with over 3 billion people expected to fly commercially in 2014, along with 38 million metric tons of cargo. This activity will have a huge impact on the environment and requires vast resources. In order to make air travel a sustainable option for future generations, the industry needs to perform continual research into technologies that reduce both economic and environmental costs. The 'remanufacturing' of components is central to the aims of the A*STAR Aerospace Programme and provides clear environmental benefits through reducing resource consumption. Keeping problems at bay. Before we begin exploring each company, we’ll present the common patterns that emerged throughout our research in this sector. Artificial Intelligence in the Airline Sector – Insights Up Front. The most popular AI applications from the top four industry leaders currently using AI appear to be AI is being explored in the commercial airline segment of the aviation industry and is being integrated across multiple areas including customer service, airport and flight operations. Airport development will be a particular area of importance according to an annual report published by the International Air Transport Association.