



Essay: Aviation critical essay example

Example assignment task: Critically discuss a recent development in the Australian aviation industry in relation to one of the topics provided.

<p>Recently important changes have been made to fire service management practices in the Australian aviation industry. <i>Workplace accidents are a reminder that safety and efficiency are reliant upon the effective teamwork of aviation rescue fire fighters. Effective teamwork, in turn, is dependent on the level of job satisfaction felt by rescue fire fighters.</i> This paper critically discusses the relationship between job satisfaction and team interaction, focusing particularly on leadership behaviour, and the implications of these two factors for workplace safety in aviation fire services in Australia.</p>	<p>Context</p> <p><i>Thesis statement/ main idea/ position</i></p> <p>Outline of essay</p>
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(Adapted from Bartolo & Furlonger 2000, p. 87)

Sample introduction 2

Example assignment task: Write an essay of approx. 1000 words critically discussing a contemporary aviation issue. In discussing the topic, you also need to clearly explain how the topic is relevant to you and your future career in aviation.

<p>To compete with their low cost competitors, many airlines, such as British Airways, have created their own low cost subsidiaries. <i>As a result, in order to remain competitive, these subsidiaries have created low cost employment systems and human resource management policies, which may be different from the parent company.</i> As a future manager in the Australian aviation industry, this is an important topic as Australian carriers face increased competition and price pressures. This essay discusses the impact of competition and pricing on management practices and employment relations. It begins with an overview of low cost subsidiaries and how and why they have come into being. The essay then compares management practices of low cost operators and their parent companies, including a discussion on flight crew attitudes.</p>	<p>Context</p> <p><i>Thesis statement/ main idea/position</i></p> <p>Outline of essay</p>
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(Adapted from Harvey & Turnbull 2000, p. 330.)

Sample introduction 2

Example assignment task: Critically discuss the contributions the Reason Model has made to the aviation industry.

<p>Aviation safety is of paramount concern to the industry and has grabbed international attention recently due to a number of high profile aviation incidents. <i>James Reason's theoretical model, also known as the 'Swiss cheese model', has become a template for understanding incidents and accidents. The model illustrates how accidents occur in organizations, focusing on both organizational hierarchy and human error. However, while the Reason model has had a positive effect on way the industry manages safety, it has also lead to overzealous implementations.</i> This essay critically examines the contributions the model has made to the aviation industry. It begins with an overview of the model and then discusses its several advantages and disadvantages, drawing upon other similar models as points of comparison.</p>	<p>Context</p> <p><i>Thesis statement/ main idea/position</i></p> <p>Outline of essay</p>
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Sample body paragraph 1

<p>Job satisfaction has considerable implications for employees' psychological and physical wellbeing, and is therefore a key consideration in the development of management practices in the aviation industry. <i>The Job Descriptive Index (JDI) is a measure of job satisfaction (Smith et al., 1969). In a recent study involving aviation firefighters the JDI was used to measure the satisfaction with supervision and co-worker (Bartolo & Furlonger, 2000). The results suggest that job satisfaction correlates with both supervisor leadership behaviour and firefighters' satisfaction with co-workers.</i> This indicates the need for team supervisors to be trained not only in leadership behaviours, but also how to promote effective teamwork.</p>	<p>Topic sentence</p> <p><i>Explain & support</i></p> <p>Concluding sentence</p>
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(Adapted from Bartolo & Furlonger 2000, p. 87)



Sample body paragraph 2

<p>Scheduled passenger airline service has become very safe. <i>With one passenger fatality per 7.1 million air travellers, 2011 was the safest year on record for commercial aviation worldwide (Michaels & Pasztor 2011). The International Air Transport Association reported that the global airline accident rate was one accident for every 1.6 million flights, a 42 percent improvement since 2000 (Hersman 2011). The improvement in safety during flight has led to increased attention to on-ground risks in the industry as the quest for improving commercial aviation continues (Pasztor 2011).</i> This suggests a need to examine more closely the hazards that occur before take-off and after landing.</p>	<p>Topic sentence <i>Explain & support</i></p> <p>Concluding sentence</p>
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(Adapted from Oster, Strong & Zorn 2012, pp. 148-164)

Sample conclusion

<p>Sleep inertia played a significant role in the crash of Air India Express Flight IX-812 at Mangalore in India on May 22nd 2010. <i>Studies of human factors in aviation have shown that a variety of factors influence the severity and duration of sleep inertia. These factors include depth of sleep, timing of sleep and chemical influences. If a crew member is awakened from a deep sleep, then it is likely their reaction time performance will be adversely affected. This appeared to be the case for Air India Express Flight IX-812 where the Captain was in a long sleep during the flight. As a result, upon awakening, the Captain's judgment appeared to have been impaired, resulting in a series of poor decisions.</i> The accident highlights the need for an effective Fatigue Risk Management System (FRMS) and a Crew Resource Management (CRM) system, along with focused training to ensure crew are fully aware of the impact of sleep inertia on performance, particularly decision making.</p>	<p>Restated focus/ purpose of essay <i>Sum up main points or findings from the body of the essay</i></p> <p>Concluding observation</p>
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(Adapted from Government of India Ministry of Civil Aviation 2010)

References

Bartolo, K., & Furlonger, B. (2000). Leadership and job satisfaction among aviation fire fighters in Australia. *Journal of Managerial Psychology*, 15(1), 87-97.

Government of India Ministry of Civil Aviation (2010) 'Report on accident to Air India Express Boeing 737-800 Aircraft VT-AXV on 22nd May 2010 at Mangalore' Government of India, New Delhi.

Harvey, G & Turnbull, P 2000, 'Employment relations, management style and flight crew attitudes at low cost airline subsidiaries', *European Management Journal*, vol. 25, no. 5, pp. 330-337.

Oster, CV, Strong, JS & Zorn, CK 2012 'Analyzing aviation safety: Problems, challenges, opportunities', *Research in Transportation Economics*, vol. 43, no. 1, pp. 148-164.