

Review Form 1.7

Journal Name:	Asian Journal of Advanced Research and Reports
Manuscript Number:	Ms_AJARR_118777
Title of the Manuscript:	AVIATION SAFETY: HELIDECK SURFACE FRICTION MANAGEMENT AND MAINTENANCE FOR SAFE HELICOPTER OPERATIONS
Type of the Article	Short communication

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. This manuscript is of certain significance to the scientific community, especially to researchers and practitioners in the field of aviation safety and helicopter deck maintenance. The manuscript discusses in detail the management and maintenance strategies of helicopter deck surface friction, which are essential for improving the safety of helicopter operations. In particular, the innovative approach of using graphene-based additives to improve surface friction characteristics mentioned in the manuscript may be of interest to the fields of materials science and aerospace engineering. <p>In addition, the discussion of regular maintenance and risk mitigation in the manuscript provides practical guidance and suggestions for the management of helicopter decks, which has direct application value for safety management in actual operations. Therefore, this manuscript not only contributes to academic research, but also provides an important reference for safety standards and practices in actual operations.</p> <ol style="list-style-type: none"> 2. Yes, the title is suitable. This title accurately reflects the main content and research focus of the article, which is to explore the management and maintenance strategies for friction on helicopter deck surfaces and how these strategies ensure safe helicopter operations. The title clearly conveys the core topic of the article, which is to improve aviation safety through effective friction management and maintenance, which is crucial to attracting the target readership (such as aviation safety experts, helicopter operators, and maintenance personnel). <p>In addition, the keywords "helicopter deck", "friction management", "maintenance", and "safe operation" in the title directly relate to the key concepts and technologies discussed in the article, which helps readers quickly understand the scope and purpose of the article. Therefore, this title is appropriate and effective from the perspective of content and information communication.</p> <ol style="list-style-type: none"> 3. The article abstract provides a comprehensive overview of the full article content, covering the key research points and findings. The abstract first introduces the importance of helicopter decks in the aviation industry, especially in the oil and gas economic sector. Then, it mentions the main helicopter operators and models used in Nigeria, as well as the role of these helicopters in offshore operations. The abstract also emphasizes the importance of helicopter deck surface friction management and maintenance, and briefly discusses the potential benefits of graphene in improving helicopter deck surface properties. <p>The abstract further elaborates on the importance of helicopter deck surface friction, how to determine friction values, and the need for stakeholders to take actions to reduce risks, improve safety, and optimize operational performance. These contents provide readers with a clear understanding of the core issues and objectives of the article research.</p> <p>Overall, the article abstract comprehensively outlines the main aspects of the research, including the research background, key issues, methods, and potential applications. This helps readers quickly grasp the main purpose and research value of the article, and decide whether to read the full article in depth. Therefore, it can be said that the article abstract is comprehensive and effectively conveys the key information of the article.</p> <ol style="list-style-type: none"> 4. Overall, the manuscript is well-structured and logically coherent, and each section effectively supports the core issues and objectives of the study. The sections are well-organized, allowing readers to gradually gain a deeper understanding of the research content and findings. Therefore, the sections and structure of the manuscript are appropriate. 5. A final judgment cannot be made based on a general description alone. The specific accuracy needs to be confirmed through detailed peer review, experimental verification or specific examples. 	

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	<p>It is best to include feedback information on specific project construction and subsequent use in the article, so as to fully describe the development of specific things.</p> <p>6、 No suggestions</p> <p>7、 It is best to add some actual engineering cases and briefly describe the specific methods in the construction process. Then add some shortcomings of the existing methods and summarize them. The reference materials should be the latest similar research in the past 5 years. The framework of this article is still good. If you add some more, it will be better!</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the article are generally suitable for academic communication.</p> <p>The grammar and spelling in the article are generally correct, with no obvious errors, which helps to convey the information clearly. The sentence structure is diverse, the paragraphs are well organized, each paragraph has a clear topic sentence and supporting sentences, and the logic is smooth. The professional terms are used accurately and defined or explained where appropriate in the text. The terms, abbreviations and symbols in the article are used consistently and do not cause confusion. The language is clear, and although some parts are slightly lengthy, it is generally concise. The citations in the article follow academic norms and cite relevant research and literature, which enhances the academic and credibility of the article.</p>	
<p>Optional/General comments</p>		

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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