

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_124540
Title of the Manuscript:	INVESTIGATING HOW BLOCKCHAIN TECHNOLOGY CAN ENHANCE THE SECURITY AND TRACEABILITY OF AEROSPACE SUPPLY CHAINS
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript offers valuable insights into the potential of blockchain technology in enhancing the security and traceability of aerospace supply chains, which are crucial due to the industry's stringent safety standards and complex global network. Its combination of quantitative and qualitative data strengthens the reliability of the findings. I appreciate the manuscript's focus on real-world applications of blockchain, such as mitigating counterfeit parts and supply chain disruptions, but it could benefit from a more detailed exploration of the limitations.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title "Investigating How Blockchain Technology Can Enhance the Security and Traceability of Aerospace Supply Chains" is appropriate as it clearly communicates the focus on blockchain technology's role in aerospace supply chains. However, a slightly more refined title might be: <i>"Enhancing Aerospace Supply Chain Security and Traceability Through Blockchain Technology."</i></p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is fairly comprehensive but could benefit from clarity. The discussion on the mixed-methods approach is strong, but including a brief mention of the challenges (like regulatory misalignment and interoperability) would provide a more balanced overview. Additionally, restructuring the sentence on the Cost-Benefit Analysis would improve readability.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript's structure is logical and well-organized. Each section flows naturally, addressing the core elements such as risks, blockchain applications, and environmental impacts. However, a clearer separation between technical and operational discussions could enhance readability.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript appears scientifically sound, offering robust data analysis through Structural Equation Modeling (SEM) and Cost-Benefit Analysis (CBA). The results align with existing literature on blockchain's impact on traceability and counterfeit risk mitigation, making the conclusions credible. The integration of case studies further reinforces its technical rigor, although more details on the implementation challenges would strengthen the manuscript.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references are recent and relevant, covering both blockchain technology and aerospace applications. However, it might benefit from additional citations in areas like data privacy or real-world case studies on blockchain in aviation.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language is generally clear but can be improved for readability. Some sentences are dense, and simplifying them would help. Minor grammatical adjustments and clearer transitions between sections would make the manuscript more accessible.</p>	
<p>Optional/General comments</p>		

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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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