

REVIEWER'S REPORT

Manuscript No.: IJAR- 57459

Title: An Analytical Study on the Consumption of Security Stickers in Air Cargo Operations

Recommendation:

Accept

Rating	Excel.	Good	Fair	Poor
Originality	Yes			
Techn. Quality	Yes			
Clarity	Yes			
Significance		Yes		

Reviewer Name: Dr. Ashish Yadav

Detailed Reviewer's Report

Reviewer Comment:

Reviewer Comment are mentioned below suitable for the paper titled “An Analytical Study on the Consumption of Security Stickers in Air Cargo Operations”

Reviewer Comments: Accept

Reviewer Comments –

1. Introduction

The introduction effectively highlights an underexplored yet operationally significant aspect of air cargo logistics—security sticker consumption. It clearly establishes the relevance of tamper-evident labels within regulatory frameworks such as DGCA and BCAS, linking compliance with operational efficiency. The problem statement is well-articulated, emphasizing the lack of structured tracking and inventory practices. The study successfully positions itself within the broader logistics and supply chain domain by focusing on a micro-level consumable with macro-level implications. The objectives are clearly defined, providing a strong foundation for the research. Overall, the introduction is concise, relevant, and aligned with industry needs.

2. Literature Review

The literature review demonstrates a satisfactory understanding of air cargo security, consumable inventory management, and logistics operations. It integrates concepts related to tamper-evident technologies, compliance mechanisms, and material resource optimization. Although the topic is niche, the authors have made a commendable effort to connect it with broader supply chain and inventory management theories. The review establishes a clear research gap regarding the lack of empirical studies on consumable tracking in cargo operations. Inclusion of regulatory perspectives enhances its practical relevance.

3. Methodology / Solution Approach

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The methodology is well-structured and appropriate for the study objectives. The use of mixed methods—direct observation, stock register verification, and standardized questionnaires—ensures data triangulation and enhances reliability. The inclusion of multiple operational departments (inbound, outbound, and security) provides a holistic view of the system. The approach to evaluating inventory maturity and identifying usage patterns is systematic and practical. The proposed solution, including RFID-based tracking and automated inventory systems, is relevant and forward-looking. The methodology demonstrates clarity, replicability, and alignment with real-world operational settings.

4. Results and Discussion

The results are clearly presented and provide meaningful insights into usage patterns and operational inefficiencies. The identification of key issues such as manual tracking, inconsistent application practices, and supply chain disruptions adds strong practical value. The discussion effectively interprets findings in the context of operational efficiency and compliance requirements. The study successfully bridges the gap between empirical observations and managerial implications. While the analysis is primarily qualitative, it is sufficiently detailed and logically structured.

5. Conclusion

The conclusion succinctly summarizes the key findings and reinforces the importance of structured inventory management for security consumables. It provides actionable recommendations, particularly the transition toward RFID-enabled systems and adaptive inventory control mechanisms. The study contributes both academically and practically by highlighting a neglected area in logistics operations. The implications for industry stakeholders, including cargo operators and regulatory bodies, are clearly stated. The paper also opens avenues for future research in digital transformation and smart logistics systems. Overall, the conclusion is coherent, insightful, and impactful.