

REVIEWER'S REPORT

Manuscript No.: IJAR-51745

Date: 22-05-2025

Title: Methodological assessment of the effects of gender interest in aviation job careers

Recommendation:

Accept as it is.....**YES**.....
 Accept after minor revision.....
 Accept after major revision
 Do not accept (*Reasons below*)

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

Reviewer's Name: Mir Jaffar

Reviewer's Decision about Paper: **Recommended for Publication.**

Comments (*Use additional pages, if required*)

Reviewer's Comment / Report

Abstract Review:

The abstract clearly states the purpose of the study, which is to explore the social and educational experiences that influence women to pursue careers in aviation. The use of a qualitative phenomenological approach is appropriately outlined, along with the key methodological elements such as the sample size, sampling strategy, and data collection method. The abstract highlights the main finding: the significance of nurturing environments in sparking interest in aviation careers. Overall, the abstract effectively communicates the research objectives, methodology, and key findings in a concise manner.

Methodology Review:

The methodology section outlines a sound qualitative design rooted in phenomenology, well-suited to investigating lived experiences. The use of semi-structured interviews ensures depth in the responses, and the reliance on NVivo for coding indicates methodological rigor in the data analysis process. The time frame for data collection and the mode of interviews (in-person and telephonic) are specified, contributing to the transparency of the research process. The use of the Rev Recorder App and professional transcription services adds to the credibility of data management practices.

Sample Review:

The sample consists of 11 licensed female pilots, selected through convenience sampling. The description

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of the recruitment strategy through the F.A.S.T. Facebook group is clear and demonstrates a focused approach to identifying participants with relevant experience. The inclusion criteria (possession of a commercial or ATP license) are clearly articulated. The mix of interview modalities—local in-person and remote phone interviews—demonstrates adaptability to participant circumstances while maintaining consistency in data collection.

Findings Review:

The findings are presented thematically and are grounded in both the participants' narratives and supporting literature. Two major themes are elaborated upon: early exposure to aviation and teacher encouragement. The data is presented in a narrative style that aligns well with qualitative traditions, and the themes are contextualized with reference to prior research. This enhances the interpretive depth and relevance of the findings. The discussion of geographic proximity to aviation and the influential role of educators provides compelling insight into the environmental and relational factors that shape career aspirations.

Overall Impression:

The study is a thoughtful and well-structured qualitative investigation into the factors influencing women's interest in aviation careers. The methodological clarity, appropriate use of phenomenology, and detailed reporting of participant experiences contribute to the overall credibility and value of the research. The findings are not only consistent with the literature but also add nuance to existing understandings of gender and occupational interest in male-dominated fields like aviation. The study offers a meaningful contribution to gender studies, education, and career development literature.