

All

ADVANCED SEARCH

Conferences > 2019 Modern Safety Technologi... ?

[Back to Results](#)

Pre-Research of Updated Criteria for Recovery State Processes within Integrated Flight Preparation and Training

Publisher: IEEE

[Cite This](#)

[PDF](#)

P. Petříček; H. Némethová; L. Choma; J. Jevčák; S. Makó; M. Pilát; F. Balla; V. Polishchuk [All Authors](#)

14 Full Text Views



Abstract

Abstract:

The optimizing of the National Pilot Training System for the State Operator - Air Force, is a permanent challenge. The training quality affects our future flight safety. The paper is a follow-up to the issue in the framework of the published work on the topic “Pre-Research of updated criteria for Failure status of Integrated Flight Preparation and Training”. The aim of the paper is an indicative pre-research to examine the updated criteria for identifying and describing the model recovery regimes within the Integrated Flight Preparation and military pilot training, as the part of the preparatory stage of the qualitative research of the issue. The paper focuses on defining the problem of updated criteria, the orientation analysis and the plan for further research of the issue within the preparatory stage of qualitative research. Failures of the Integrated Flight Preparation and Pilot Training System mean the identified deviations from the standard results of pilots in each subsystem. The main emphasis lies in the pre-research of updated criteria for the quantitative identification and analysis of 5 selected modes of the failure state recovery. The paper responds to a pre-research question concerning the updated criteria for the possible modes of failure recovery, it means the criteria for the corrections of deviations from the standard results of pilots in the proposed Integrated Flight Preparation and Training model of the future military pilots.

Document Sections

- I. Introduction
- II. Methodology of problem solving
- III. Discussion and results
- IV. Conclusion

Authors

References

Keywords

Metrics

Published in: [2019 Modern Safety Technologies in Transportation \(MOSATT\)](#)

Date of Conference: 28-29 Nov. 2019

INSPEC Accession Number: 19278046

Date Added to IEEE Xplore: 30 December 2019

DOI: [10.1109/MOSATT48908.2019.8944109](#)

► ISBN Information:

Publisher: IEEE

Conference Location: Kosice, Slovakia, Slovakia

I. Introduction

The second paper from the series contributes to the analytical part of the project “Model of training of professional personnel for the needs of the Air Force of the Armed Forces of the Slovak Republic” too. The [Sign in to Continue Reading](#) topics was conditioned by the fulfillment of partial research tasks within the project of the Ministry of Defense of the Slovak Republic for the Air Force of the Slovak Republic.

Authors

References

Keywords

Metrics

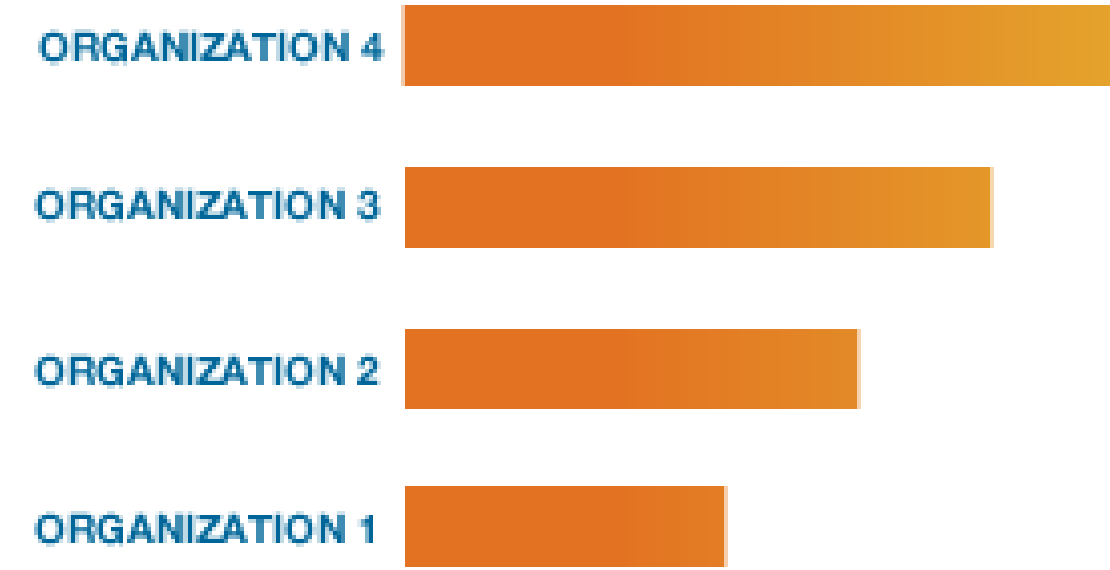
More Like This

[Safety Evaluation of Training Airspace Environment Based on Wavelet Neural Network](#)
2020 IEEE International Conference on Power, Intelligent Computing and Systems (ICPICS)
Published: 2020

[Improving flight safety in combat training: A step forward](#)
2011 IEEE International Conference on Quality and Reliability
Published: 2011

[Show More](#)

Top Organizations with Patents on Technologies Mentioned in This Article



IEEE Personal Account

[CHANGE USERNAME/PASSWORD](#)

Purchase Details

[PAYMENT OPTIONS](#)

[VIEW PURCHASED DOCUMENTS](#)

Profile Information

[COMMUNICATIONS PREFERENCES](#)

[PROFESSION AND EDUCATION](#)

[TECHNICAL INTERESTS](#)

Need Help?

US & CANADA: +1 800 678 4333

WORLDWIDE: +1 732 981 0060

[CONTACT & SUPPORT](#)

Follow

