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Titel des Beitrags:
Manual flying skills under the influence of performance shaping factors

Abstract:
This paper describes an experimental study investigating pilots' manual flying skills. In today's line oriented flight training, basic flying skills are neglected frequently. So, the study examines the manual flying skills of commercial airline pilots under the influence of several performance shaping factors like training, practice or fatigue in a landing scenario. The landing phase shows a disproportionate high percentage of aircraft accidents and it is typically flown by hand. The study is to be undertaken with randomly selected pilots in a full motion flight simulator to ensure a high validity of the results.

Zeitschriftentitel:
Work: A Journal of Prevention, Assessment and Rehabilitation

Jahr:
2012

Band:
41

Heft / Issue:
Supplement 1/2012

Seiten:
178--183

Volltext / DOI:
doi:10.3233/WOR-2012-0153-178

Occurences:
- Einrichtungen > Fakultäten > Fakultät für Maschinenwesen > Institut für Produktionstechnik > Lehrstuhl für Ergonomie (Prof. Bengler) > 2012
Entries: