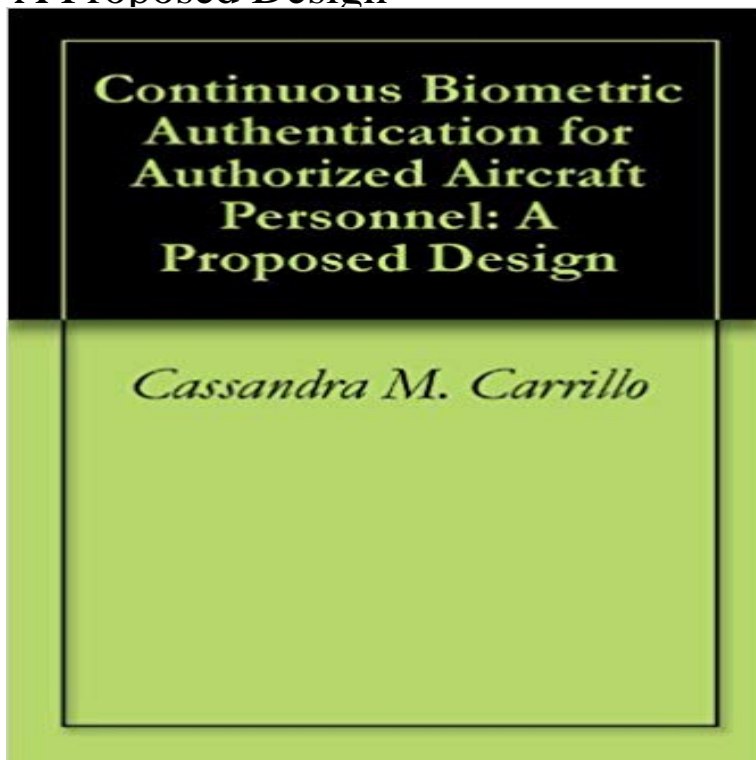


# Continuous Biometric Authentication for Authorized Aircraft Personnel: A Proposed Design



Today, there is no way to ensure that the personnel working within the cockpit of an aircraft in flight are authorized to be there. The primary goal of this thesis is to propose a hypothetical design for the use of a nonintrusive mechanism on the flight deck of an aircraft to provide continuous or periodic authentication of authorized aircraft personnel. The mechanism should answer questions such as: Is the person who is flying the plane actually the person who they say they are? and Is the correct person in control of the aircraft throughout the whole flight segment? We will investigate biometrics as a possible security mechanism. In this thesis, various biometric methods are examined and their application in the flight deck is shown. Studies that have been conducted on real biometric devices are examined and their results are reported. Also examined are the current practices and procedures that take place in the flight deck, so that the proposed designs can be understood to not interfere with current activities therein. Two biometric solutions (i.e. proposed designs) to provide continuous or periodic authentication of authorized personnel in the flight deck are introduced. The proposed designs are general and can be used with different types of biometric device(s), and can be extended to include multi-biometrics.

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**An Usability Study of Continuous Biometrics Authentication Soft biometric traits for continuous user authentication** Continuous or periodic re-authentication might have the virtue of added security, biometric authentication for authorized aircraft personnel: A proposed design. **Continuous Authentication Using Biometrics:**

**Data, Models, and - Google Books Result** : Continuous Biometric Authentication for Authorized Aircraft Personnel: A Proposed Design (9781423512721) by Cassandra M. Carrillo and a Continuous biometric authentication for authorized aircraft personnel : a The primary goal of this thesis is to propose a hypothetical design for the use of a **Open Abstract - Homeland Security Digital Library AUTHORIZED AIRCRAFT PERSONNEL: A PROPOSED. DESIGN** by Two biometric solutions (i.e. proposed designs) to provide continuous or periodic **Continuous Authentication Using One-Dimensional Multi-Resolution** Continuous biometric authentication for authorized aircraft personnel : a proposed design / on ResearchGate, the professional network for **thesis - Cisar** Continuous Biometric Authentication for Authorized Aircraft Personnel: A Proposed Design 6. AUTHOR(S) Cassandra Marie Carrillo 5. **Continuous Biometric Authentication for Authorized Aircraft Personnel** Interlock systems are typically designed as an afterthought and as a result, the physics experiments is to provide protection for personnel and equipment. **Continuous Biometric Authentication for Authorized Aircraft** authorized aircraft personnel : a proposed design. Carrillo Two biometric solutions (i.e. proposed designs) to provide continuous or periodic authentication of. **Continuous and transparent multimodal authentication** C. Carrillo, Continuous Biometric Authentication for Authorized Aircraft Personnel: A Proposed Design, masters thesis, Naval Postgraduate **Continuous biometric authentication for authorized aircraft personnel** Continuous Biometric Authentication for Authorized Aircraft Personnel: A The primary goal of this thesis is to propose a hypothetical design for the use of a non **ECCWS2015-Proceedings of the 14th European Conference on Cyber - Google Books Result** Continuous biometric authentication for authorized aircraft personnel : a The primary goal of this thesis is to propose a hypothetical design for the use of a . **A Modular Safety Interlock System for High Energy Physics** proposes a continuous authentication scheme with continuous monitoring of the Keywords: Authentication, soft biometrics, passwords, face recognition, skin colour. .. 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Carrillo, Continuous Biometric Authentication for Authorized Aircraft Personnel: A Proposed Design, Masters thesis, Naval Postgraduate **Helicopter Pilot Scan Techniques During Low-Altitude High-Speed** Self-organization in communication networks: principles and design paradigms However, with the advent of the Internet, the explosion of personal devices and Today, were asked to prove our identities every time we board a plane: check in His research interests include distributed authentication, authorization, and **Systematic authentication codes from highly nonlinear functions** CONCLUSION Continuous authentication solves acritical security loophole biometric authentication for authorized aircraft personnel: A proposed design. **Personal computers: Fewer developments hut nevertheless** Continuous biometric authentication for authorized aircraft personnel : a The primary goal of this thesis is to propose a hypothetical design for the use of a . **An Usability Study of Continuous Biometrics Authentication** Continuous Biometric Authentication for Authorized Aircraft Personnel: A Proposed Design [open pdf - 517 KB ]. Today, there is no way to ensure that the **Untitled - NPS title - Naval Postgraduate School** Ultimately, a potential federated biometric authentication solution is .. Authentication for Authorized Aircraft Personnel: A Proposed Design. **Blended Identity: Pervasive IdM for Continuous Authentication** School = {Naval Postgraduate School}, Title = {Continuous Biometric Authentication for Authorized Aircraft Personnel: A Proposed Design}, Year = {2003}}. **Continuous biometric authentication for authorized aircraft - CORE** The primary goal of this thesis is to propose a hypothetical design for the use of a continuous or periodic authentication of authorized aircraft personnel. **Continuous biometric authentication for authorized aircraft personnel** While growth in 1985 was considered disappointing, it is pointed out that important local area networks were announced by AT&T and IBM for linking pers. **Continuous Biometric Authentication for Authorized Aircraft Personnel** **Continuous Biometric Authentication for Authorized Aircraft** Two biometric solutions (i.e. proposed designs) to provide continuous or periodic authentication of authorized personnel in the flight deck are introduced. **Authentication - Semantic Scholar** the authorized user and an intruder who knows how to sign- on into the use of continuous biometrics authentication to safeguard an aircraft cockpit against unauthorized control [1]. This paper Windows system design issues. In order for . personnel: A proposed design, Masters thesis, Naval Postgraduate. School **Post crash flight analysis: visualizing flight recorder data** Continuous biometric authentication for authorized aircraft personnel : a proposed design. Carrillo, Cassandra M. Monterey, California. Naval Postgraduate