

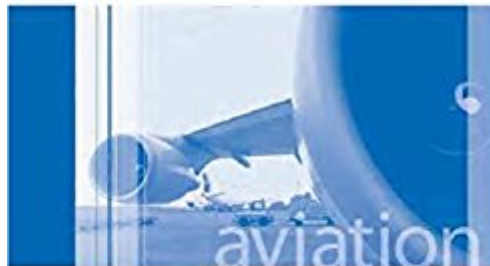


Ebook Directory
the best source of ebook

The book was found

Introduction Of Glass Cockpit Avionics Into Light Aircraft

Introduction of Glass Cockpit Avionics
into Light Aircraft



Safety Study
NTSB/SS-01/10
PB2010-917001



Synopsis

In a span of only a few years, the cockpits of new light aircraft have undergone a transition from conventional analog flight instruments to digital -based electronic displays commonly referred to as "glass cockpits." These new displays integrate aircraft control, autopilot, communication, navigation, and aircraft system monitoring functions, applying technology previously available only in transport-category aircraft. The enhanced function and information capabilities of glass cockpits represent a significant change and potential improvement in the way general aviation pilots monitor information needed to control their aircraft. The National Transportation Safety Board (NTSB) initiated this study to determine if the transition to glass cockpits in light aircraft has improved the safety record of those aircraft. Three different approaches were used in this study. First, a retrospective statistical analysis of manufacturer records, aircraft investigation information, and activity survey data was conducted to compare the accident experience of recently manufactured light single-engine airplanes equipped and not equipped with glass cockpit displays. Second, an evaluation of glass cockpit training requirements and resources was conducted to characterize the training and to identify areas for potential safety improvement. Finally, accident cases were reviewed to identify emerging safety issues associated with the introduction of glass cockpit displays into this class of aircraft.

Book Information

File Size: 3408 KB

Print Length: 90 pages

Publication Date: April 10, 2017

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B06Y6DDNKX

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #2,051,811 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #71

in Books > Engineering & Transportation > Engineering > Aerospace > Avionics #1061

in Kindle Store > Kindle eBooks > Nonfiction > Science > Astronomy & Space Science >

Aeronautics & Astronautics #1899 in Kindle Store > Kindle eBooks > Engineering & Transportation > Transportation > Aviation

[Download to continue reading...](#)

Introduction of glass cockpit avionics into light aircraft The World Encyclopedia of Aircraft Carriers and Naval Aircraft: An Illustrated History Of Aircraft Carriers And The Naval Aircraft That Launch From ... Wartime And Modern Identification Photographs Cockpit to Cockpit: Your Ultimate Resource for Transition Gougé In the Cockpit: Inside 50 History-Making Aircraft Avionics: Development and Implementation (The Avionics Handbook, Second Edition) Avionics: Elements, Software and Functions (The Avionics Handbook, Second Edition) Jane's Avionics 2007-2008 (Jane's Flight Avionics) Aircraft Instruments and Avionics for A&P Technicians/Order No Js312666 Aircraft Systems: Mechanical, Electrical and Avionics Subsystems Integration (Aerospace Series) Aircraft Systems: Mechanical, Electrical and Avionics Subsystems Integration Test and Evaluation of Aircraft Avionics and Weapons Systems (Electromagnetics and Radar) Career as an Aircraft Mechanic: Avionics Technician (Careers Ebooks) Software-Defined Avionics and Mission Systems in Future Vertical Lift Aircraft Aircraft Systems: Mechanical, Electrical, and Avionics Subsystems Integration (AIAA Education) ART GLASS - Breaking Glass To Make Money: A Beginners Guide To Making Money With Art Glass - Copper Foil And Lead Explained (Volume 1) Reality, Darkness into Light: Darkness into Light My Mueller Spiral-Ultra Vegetable Spiralizer Cookbook: 101 Recipes to Turn Zucchini into Pasta, Cauliflower into Rice, Potatoes into Lasagna, Beets into ... Slicer! (Vegetable Spiralizer Cookbooks) Flight Radio - US Aircraft Frequency Guide - 2017-2018 Edition: Guide to listening to Aircraft Communication on your Scanner Radio Classic Military Aircraft: The World's Fighting Aircraft 1914-1945 The Photo book of Aircraft. Selected images of classic & vintage planes, cockpits, helicopters, commercial, stunt and military aircraft. (Photo Books 5)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)