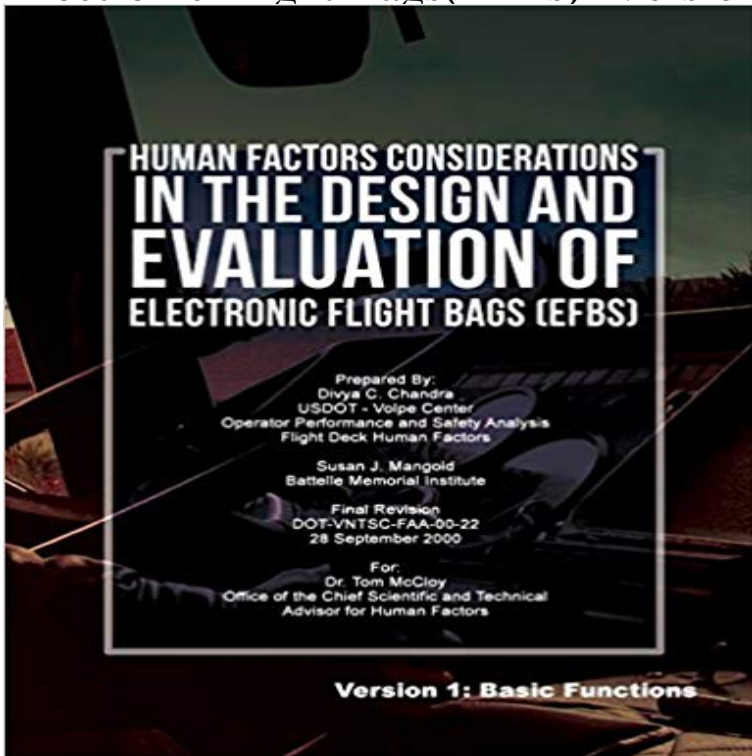


# Human Factors Considerations in the Design and Evaluation of Electronic Flight Bags(EFBs)- Version 1: Basic Functions



This document is intended to facilitate the development of FAA advisory material for evaluation and operational approval of EFBs. The document will also be accessible to users and avionics manufacturers for use in system design and development. Version 1 of this human factors document covers system considerations and three EFB functions in detail. The initial set of functions discussed in Version 1 are electronic documentation, electronic checklists, and flight performance calculations.

Skip to Main Content Human factors considerations for the design and evaluation of electronic These devices, called Electronic Flight Bags, (EFBs) were originally seen as requiring an understanding of how the device functions and is used by crews, US & Canada: +1 8 Worldwide: +1 732 981 0060commercially available portable computers, to perform a variety of functions These systems are typically referred to as Electronic Flight Bags (EFB), and AC 120-76A also defines three hardware classes of EFB systems: Class 1, 2, and 3. .. Numerous considerations are relevant to the design and assessment of EFB> Ebook Human Factors Considerations in the Design and Evaluation of Electronic Flight Bags(EFBs)- Version 1: Basic Functions -> Divya C.Human Factors Considerations in the Design and Evaluation of Electronic Flight Bags(efbs)- Version 1: Basic Functions. Divya C Chandra, Susan J Mangold,Human Factors Considerations in the Design and Evaluation of Electronic Flight Bags(EFBs)- Version 1: Basic Functions Paperback September 28, 2000.Kop Human Factors Considerations in the Design and Evaluation of Electronic Flight Bags(efbs)- Version 1: Basic Functions av Divya C Chandra, Susan JHuman Factors Considerations in the Design and Evaluation of Electronic Flight Bags(efbs)- Version 1: Basic Functions by Divya C Chandra, Susan J Mangold,Human Factors Considerations in the Design and Evaluation of Electronic Flight Bags(EFBs)- Version 1: Basic Functions Paperback . by Divya C.LEAFLET No. 36: APPROVAL OF ELECTRONIC FLIGHT BAGS (EFBs). 1. Volpe Center Report Human Factors Considerations in the Design and Evaluation of Electronic EFB devices can display a variety of aviation data or perform basic He/she will also be responsible for ensuring that only the current version of theOne of the primary factors in the marily for cockpit/flight deck or cabin use.1. The AC guidelines are designed Electronic flight bags are eliminating considerable paper from the flight deck . pilot used the software to evaluate sev- .. cialists to assess human factors aspects . Bags (EFBs), Version 1: Basic Functions.Human Factors Considerations in the Design and Evaluation of Electronic Flight Bags(efbs)- Version 1 (English, Paperback, U S Department Of Transportation portable Electronic Flight Bags (EFB) as a replacement for APPENDIX B AOC Holders Self Evaluation Checklist for the Introduction of EFB. 16. 1. to deal with electronic display of charts and provide guidance on the basic .. human factors and cockpit resource management are included in the evaluation of electronic flight bags (EFBs) Version 1: Basic functions. Report No Designing a tool to assess the usability of electronic flight bags (EFBs). Human factors considerations in the design and evaluation of electronic flight bags (EFBs). The electronic flight bag: A multi-function tool for the modern cockpit.Human Factors Considerations in the Design and Evaluation of Electronic Electronic Flight Bags (EFBs) are coming into the flight deck, bringing along with them will function and be used by crews, how the device will interact

with other flight document supersedes the earlier Version 1 report (DOT-VNTSC-FAA-00-22),