

Cognitive engineering in the aviation domain

Type de contenu : Texte

Type de médiation : sans médiation

Type de support : Volume

Titre(s) : Cognitive engineering in the aviation domain / edited by Nadine B. Sarter, René Amalberti

Autre(s) responsabilité(s) : Sarter, Nadine B. (Éditeur scientifique)
Amalberti, René (1952-....) (Éditeur scientifique)

Editeur, producteur : Mahwah, N.J. : Lawrence Erlbaum Associates, 2000

Description matérielle : 1 vol. (XI-363 p.) : ill. ; 24 cm

ISBN : 0-8058-2315-8

978-0-8058-2315-8

0-8058-2316-6

978-0-8058-2316-5

Classification décimale Dewey : 629.13 21

Note sur les bibliographies et les index : Notes bibliogr. Index p. 355-363

Note sur le contenu : pt. I. Frameworks and models of human-automation coordination and collaboration. Cognitive models and control : human and system dynamics in advanced airspace operations ; Mental workload and cognitive complexity ; Modeling the orderliness of human action ; Cognitive aspects and automation pt. II. Use(r)-centered system design and training in support of joint system performance. Task-oriented display design : the case of engine-monitoring display ; Cognitive engineering : designing for situation awareness ; Context simulation : an interactive methodology for user-centered system design and future operator behavior validation Horizons in pilot training : desktop tutoring systems Aviation safety paradigms and training implications Experimental crew training to deal with automation surprises A cognitive engineering perspective on maintenance errors Learning from automation surprises and "going sour" accidents

Sujet - Nom commun : Aéronautique -- Facteurs humains
Sciences cognitives

Classification de la Bibliothèque du Congrès : TL553.6 .C64 2000