Record Nr. UNINA9910452385003321 Autore Barshi Immanuel Titolo Misunderstandings in ATC communication: language, cognition, and experimental methodology / / Immanuel Barshi, Candace Farris London:,:Routledge,,2016 Pubbl/distr/stampa **ISBN** 1-317-09541-3 1-315-59564-8 1-317-09540-5 1-299-39814-6 0-7546-9933-1 Descrizione fisica 1 online resource (271 p.) Collana Ashgate Studies in Human Factors for Flight Operations Altri autori (Persone) **FarrisCandace** Disciplina 387.7/40426014 Soggetti Air traffic control - Communication systems - Psychological aspects Air pilots - Language Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali First published 2013 by Ashgate Publishing. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. I. The effects of linguistic properties and message length on misunderstandings in aviation communication -- pt. II. The effects of message length, second language proficiency and cognitive workload in aviation communication. Sommario/riassunto "Effective radio communication between ATC and pilots has long been recognized as an important element of aviation safety. In recognition of the role miscommunications play in aviation incidents and accidents, the International Civil Aviation Organization (ICAO) recently introduced language proficiency requirements for all flight personnel in all ICAO member states. Using an effective and economical experimental paradigm, the research described here teases apart the complex combination of factors (e.g. speech rate, controller message length, English language proficiency, cognitive workload) believed to contribute to miscommunications between controllers and pilots"--Provided by publisher.