1. Record Nr. UNINA9910708678003321 Autore Merlin Peter W. <1964-> Titolo Green light for green flight: NASA's contributions to environmentally responsible aviation / / Peter W. Merlin Pubbl/distr/stampa Washington, DC:,: NASA,, [2020] ©2020 Descrizione fisica 1 online resource (iv, 303 pages): illustrations (some color) Collana NASA aeronautics book series NASA SP;; 2020-646 Disciplina 629.1300286 Soggetti Aeronautics - Environmental aspects - United States Green technology - United States Aeronautics - Research - United States Airplanes - United States - Testing Aeronautics - Environmental aspects Aeronautics - Research Airplanes - Testing Green technology **United States** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "NASA SP-2020-646"--Page [4] of cover. Includes bibliographical references (pages 251-279) and index. Nota di bibliografia Sommario/riassunto "NASA's Environmentally Responsible Aviation (ERA) project began in 2009 to explore and document the feasibility, benefits and technical risks of advanced vehicle concepts and enabling technologies for reducing aviation's overall impact on the environment. Its goals included reducing community noise footprints, fuel burn, and nitrogen

oxide emissions. This book reviews the advanced aircraft design

were researched by the ERA project"--

concepts, construction technologies, and propulsion advancements that