1. Record Nr. UNINA9910460838203321 Airport passenger screening using backscatter X-ray machines: Titolo compliance with standards / / Committee on Airport Passenger Screening: Backscatter X-Ray Machines [and four others] Washington, District of Columbia:,: The National Academies Press,, Pubbl/distr/stampa 2015 ©2015 ISBN 0-309-37134-1 Descrizione fisica 1 online resource (202 p.) Disciplina 353.00722 Soggetti Airline passenger security screening - United States - Evaluation Airlines - Security measures - United States Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto FrontMatter: Preface: Acknowledgment of Reviewers: Contents: Summary; 1 Introduction; 2 Radiation Physics Relevant to Advanced Imaging Technology; 3 X-Ray Backscatter Advanced Imaging Technology; 4 Dosimetry for X-Ray Backscatter Advanced Imaging Technology; 5 Radiation Protection Standards; 6 Review of X-Ray Backscatter Advanced Imaging Technology Studies; 7 Measurements, Dose Calculations, and System Design for X-Ray Backscatter Advanced Imaging Technology Systems; Appendixes; Appendix A: Statement of Task; Appendix B: Glossary, Acronyms, and Abbreviations; Appendix C: Organ Absorbed Doses Appendix D: Summary of Statistics from Previous StudiesAppendix E:

Biographies of Committee Members and Contractors