

1. Record Nr.	UNINA9910957174503321
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Titolo	STOL progenitors : the technology path to a large STOL transport and the C-17A // Bill Norton
Pubbl/distr/stampa	Reston, Va., : American Institute of Aeronautics and Astronautics, Inc., c2002
ISBN	1-60086-816-9 1-60086-815-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xv, 239 pages) : illustrations
Collana	AIAA case study
Disciplina	623.7/465
Soggetti	C-17 (Jet transport) Short take-off and landing aircraft Research aircraft - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""COVER""; ""TITLE""; ""COPYRIGHT""; ""CONTENTS""; ""PREFACE""; ""ACKNOWLEDGEMENTS""; ""LIST OF ABBREVIATIONS AND SYMBOLS""; ""Chapter 1 INTRODUCTION""; ""Chapter 2 THE YC-15""; ""Chapter 3 THE YC-14""; ""Chapter 4 FOLLOWING AMST""; ""BIBLIOGRAPHY""; ""INDEX""
Sommario/riassunto	This case study presents the history and technical achievements in developing the Boeing C-17, the largest STOL transport aircraft. It examines STOL technology and predecessor aircraft, but focuses on the United States Air Force's Advanced Medium STOL Transport (AMST) program and its YC-14 and YC-15 demonstrators. The book describes every step of the process including the needs requirements, technological approaches, design and operation implications, proposals and winning designs, alterations, innovations, cost constraints, construction, and flight testing. STOL aircraft that flew before and after the C-17 are also discussed to illustrate the continuing evolution of the technology.