



POWERING THE WORLD'S AIRLINERS

ENGINE DEVELOPMENTS FROM
THE PROPELLER TO THE JET AGE



REINER DECHER

๒๙๖๖
๙๙๖๖

สำนักหอสมุด มหาวิทยาลัยเชียงใหม่

๒ 166๘๘4๘X
๐ 129๙4๘๖
; 2260877/

Powering the World's Airlines

Engine Developments from the Propeller to the Jet Age

Reiner Decher



Contents

<i>Dedication</i>	vi
<i>Glossary of Abbreviations</i>	vii
<i>Dramatis Personae: Pictorial People Index</i>	ix
<i>Acknowledgments</i>	xiv
<i>Objectives</i>	xv
Chapter 1 We are Flying!	1
Chapter 2 Aviation is All the Rage	10
Chapter 3 The 1930s: Real Transport Aeroplanes	42
Chapter 4 Engines for the War Effort	72
Chapter 5 Cold War Engines and Post (Hot) War Airliners	99
Chapter 6 Jet Airliners	125
Chapter 7 The Turbofan Engine	147
Chapter 8 How to Buy an Airliner	187
<i>Epilogue</i>	204
<i>Appendix: How Does the Jet Engine Work?</i>	206
<i>Bibliography</i>	211
<i>Index</i>	213