

CONTENTS

<i>Preface to the Fourth Edition</i>	v
<i>About the Author and Editors</i>	vii
<i>Acknowledgements</i>	ix
1 Development of Aircraft Powerplants	1
Reciprocating Engines	
2 Theory & Construction	17
3 Lubrication Systems	93
4 Fuel Metering & Induction Systems	125
5 Ignition Systems	205
6 Exhaust Systems	255
7 Cooling Systems	269
8 Starting Systems	279
9 Operation & Maintenance	291
Turbine Engines	
10 Theory & Construction	355
11 Lubrication & Cooling Systems	435
12 Fuel Metering Systems	465
13 Ignition & Starting Systems	493
14 Exhaust Systems	515
15 Operation & Maintenance	527
Powerplant Auxiliary Systems	
16 Instrument Systems	555
17 Electrical Systems	593
18 Fire Protection Systems	641
19 Propellers	663
<i>Glossary</i>	739
<i>Index</i>	775