## THE WORLD AIRCRAFT INDUSTRY DANIEL TODD and JAMIE SIMPSON

CROOM HELM
London & Sydney
AUBURN HOUSE PUBLISHING COMPANY
Dover, Massachusetts

## CONTENTS

List of Tables List of Figures Acknowledgements

1.	OVERVIEW OF THE INDUSTRY	1												
	Global Distribution	3												
	The Advanced-Industrial Countries	3												
	The Communist Bloc	10												
	The Newly-Industrialising Countries	14												
	Summary	17												
	Notes and References	18												
2.	EMERGENCE AND EVOLUTION	21												
	Evolutionary Highlights	22												
	Market Evolution	26												
	The Wave-Cycle Model	30												
	The Evolution of Enterprises	34												
		39												
	Vickers as a Case Study													
	Conclusion	41												
	Notes and References	44												
3.	MARKETS FOR CIVIL AIRCRAFT	45												
	Commercial Aviation	46												
	Impact on Commercial Aircraft Manufac-													
	turers	53												
	Commercial Aviation Markets and State													
	Influence	57												
	General Aviation	60												
	General Aviation	64												
	Notes and References	6												

## The World Aircraft Industry

4.	MARKETS FOR MILITARY AIRCRAFT 68	3
	Military Aircraft Types	i
	The Demand for Military Aircraft	
	The Suppliers	2
	The Defence Market: The Military-Indus- trial Complex	
	trial Complex 85	3
	Structure	5
	Defence Contracting	į
	The Kurth Follow-On Imperative: The Strategic-Political Interface	2
	Notes and References	כ כ
	Notes and References	)
5.	SUPPLY FACTORS AND INDUSTRIAL LOCATION 10	Э
	Industrial characteristics	2
	Materials	3
	Components and Parts 11	5
	Labour	1
	Entrepreneurship 12	4
	Locational Implications	6
	Strategic Relocations	7
	Regional policy	2
	Northern Ireland	ā
	British Columbia	5
	British Columbia	š
	Conclusion 12	7
	Conclusion	ó
	Notes and References	U
6.	TECHNOLOGY AND INDUSTRIAL ORGANISATION 14	2
	A structural Contingency Framework 14	3
	The Phillips Eclectic Model 14	5
	The Evidence	8
	Technology Transfer 16	1
	Co-Production 16	2
	Licence-Production	6
	Subsidiary Operations 16	9
	Conclusion	Ō
	Notes and References	1
7.	THE STATE AND THE AIRCRAFT INDUSTRY 17	5
	The Infant Industry Case	7
	The Infant Industry Case	8
	Protected Markets	1
	Permanent Receivership	۵
	Nationalisation	7
	MGC_VHGTT3GCTAH	

## The World Aircraft Industry

	Government-Induced																					
	C	0-	ope	r	at	ic	ac															194
	Con	CO	rđe																			197
	Air	bu	s.				۰															198
	Tor																					202
	Concl																					
	Notes																				•	203
•	NOLES	a	IIG	N.	= 1	٠,	. 61	iiC (	-5	•	•	•	•	•	•	•	•	•	•	•	•	203
8.	AEROS	PA	CE	Al	NI	) 1	DΕ	VE	LOI	PMI	en'	r	•	•	•	•	•	•	•	•	•	207
	The I	'he	ore	t	ic	a.	1 :	Set	tt:	ing	3											207
	Japan	l		,		•		•	•	•	•	•			•	•	•	•	•	•	•	210
	Canad	la		,																		219
	Indus	tr	ial	L (	Of	£	se	t i	Aqı	re	eme	en	ts									225
	Roman		٠.					٠.	-		•	•										232
	Indor	es	ia		_				-	_	_											237
	Brazi																					
	Notes																					248
	NOLES		110	I,	E 1	. E	LE	110	<b>-</b> 3	•	•	•	•	•	•	•	•	•	•	•	•	240
9.	CONCI	υs	101	1	•	•	•	•	•	•	-	•	•	•	•		•	•	•	•	. <b>•</b>	255
Gloss	ary		•. •														•					260
Refer																						
		-		•	-	•	•	•	•	•	-	•	•	•	•	•	•	•	•	•	•	