

Contents

	<i>Page</i>
Overview	1
Lessons in Restructuring Defense Industry: The French Experience	3
INTRODUCTION	3
Challenges to the Gaullist Paradigm	3
INDUSTRIAL STRUCTURE	6
Export Dependence	8
MANAGEMENT OF THE BASE	10
The General Delegation for Armaments	11
Pros and Cons of the French Procurement System	16
STRATEGIES FOR INDUSTRIAL RESTRUCTURING	17
Commercializing the Arsenal	18
Preserving Core Competencies	20
Diversification Into Civil Sector	21
Shift From Production to R&D	22
Dual-Use Technologies	25
Consolidation and Foreign Acquisitions	26
Collaborative Programs	27
Integration of European Defense Industries	30
CONCLUSIONS	31
Export Dependence	32
Civil-Military Integration	32
Integrated Decisionmaking	32
Multiyear Budgeting	32
International Arms Collaboration	32
Incremental Development Strategy	32
Appendix	35

Figures

<i>Figure</i>	<i>Page</i>
1. French Defense Budget Trends	5
2. French Arms Exports, 1974-90	8
3. Dassault Aviation Annual Orders, 1986-91	9
4. Funding of Defense Research and Development	10
5. Organization of the DGA	13
6. Geographical Distribution of Defense-Industry Employment, 1988	19
7. Thomson-CSF Revenue by Business Group, 1990	21
8. Growth in Complexity of Software for Dassault Military Aircraft	23
9. Changes in Dassault's Employment Structure, 1980-90	24

Table

<i>Table</i>	<i>Page</i>
1. Major French Defense Contractors	7