

# Contents

Preface	ix
Acknowledgments	xiv
List of Abbreviations	xvii
ONE The Inheritance	1
<b>Part I. Acclaim and Agitation: The Murray Years, 1976–1982</b>	
TWO Planetary Exploration Triumphant	17
THREE Planetary Exploration in Extremis	42
FOUR External Relations and the Internal Environment	59
FIVE Diversification	78
SIX Return to the Military	93
SEVEN Space Technology	108
<b>Part II. Restoration: The Allen Years, 1982–1991</b>	
EIGHT The Rise and Decline of Defense Programs	125
NINE The Dividends of Defense Programs	142
TEN Space and Earth Science	155
ELEVEN JPL under Allen	165
TWELVE Recovery of Flight Projects	175
THIRTEEN Voyager Redux, Galileo, and Magellan	186

**Part III. Beyond the Cold War: The Stone Years, 1991–2001**

FOURTEEN	Faster, Better, Cheaper	207
FIFTEEN	Reengineering JPL	228
SIXTEEN	The Tilting Triangle and Commercialization	242
SEVENTEEN	A Break in the Storm	256
EIGHTEEN	Annus Miserabilis	276
NINETEEN	Epilogue, 2001–2004	287
TWENTY	Conclusion	298
	Notes	315
	Index	383