

Contents

Acknowledgments	xi
Preface	xiii
Glossary	xvii
1. Presage	1
2. First Steps	23
3. Stalin and the Rocket	69
4. Sputnik	119
5. Designing the First Spaceship	171
6. Organizing for the Space Program	205
7. Gagarin	243
8. Looking to the Future	299
9. Space Politics	351
10. "There Are More Things in Heaven and Earth . . ."	409
11. Three Steps to the Moon	461
Bibliographic Essay	517
Index	527