

Read PDF Soviet
Russias Space
Program During
Soviet
The Space Race
Russias
The History And
Space
Legacy Of The
Competition That
Pushed America
To The Moon
During The
Space Race
The History
And Legacy
Of The

Read PDF Soviet
Russias Space
**Competition
That Pushed
America To
The Moon**

**Includes pictures*
**Profiles the various
space missions the
Soviets conducted
during the 1950s and
1960s *Includes
footnotes, online*
Page 2/165

Read PDF Soviet
Russias Space
Program During

*resources and a
bibliography for
further reading*

**Includes a table of
contents ""This is*

Moscow This is

*Moscow calling On
the 12th of April, the
Soviet Union orbited
a spaceship around
the Earth with a man
on board The
astronaut is a Soviet*

Read PDF Soviet
Russias Space
Program During
*citizen: Major
Gagarin, Yuri
Alekseyevich The
World's first
cosmonaut The first
to open the door into
the unknown The
first to step over the
threshold of our
homeland The whole
planet knew him and
loved him" Of all the
goals the Bolshevik*

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Program During

*Revolution aimed to
bring about, perhaps
nowhere were*

*Russian promises
delivered on more
than in the success of
the Soviet Space*

*program of the 1950s
and 1960s. As a result
of Russian innovation
and technology, but
also due to incredible
drive to modernize*

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Russias Space
Program During
*and compete with the
United States for
world power, Russia
was finally and
triumphantly
modernized in the
eyes of her own
people and the world.
Neil deGrasse Tyson
recognized the Soviet
legacy in space in his
Space Chronicles,
citing the Soviets'*

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The Space Race

*"important
measure[s] of space
achievement: first
spacewalk, longest
spacewalk, first
woman in space, first
docking in space, first
space station, longest
time logged in
space." In fact, the
Soviet Union spent
much of the 1950s
leaving the United*

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States in its dust (and rocket fuel). President Eisenhower and other Americans who could view Soviet rockets in the sky were justifiably worried that Soviet satellites in orbit could soon be spying on them, or, even worse, dropping nuclear bombs on them. Dovetailing off

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Program During
their success
The Space Race
developing
The History And
intercontinental
Legacy Of The
ballistic missiles, the
Competition That
Soviets were the first
Broke America
to make enormous
The Most
advances in actual
The Most
space exploration,
and on the night of
October 4, 1957, the
Soviets prepared to
launch "Object D"
atop one of its R-7

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Program During
rockets. As the

*world's first ICBMs,
R-7 rockets were built
primarily to carry
nuclear warheads,
but "Object D" was a
far different payload.*

*"Object D" and the
R-7 rocket launched
from a hastily
constructed launch
pad, and within
minutes it entered*

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Program During
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The History And
Legacy Of The
Competition That
Rushed America

*orbit. It took that
object, now more
famously known as
Sputnik-1, about 90
minutes to complete
its orbit around the*

*Earth, speeding along
at 18,000 miles per
hour while
transmitting a distinct
beeping noise by
radio. Eventually, the
Space Race produced*

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some of the most iconic moments of the 20th century, including the landing of the first men on the Moon, and today, the race is widely viewed poignantly and fondly as a race to the Moon that culminated with Apollo 11 "winning" the race for the United States. In fact,

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*it encompassed a
much broader range
of competition
between the Soviet
Union and the United
States that affected
everything from
military technology to
successfully
launching satellites
that could land on
Mars or orbit other
planets in the Solar*

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System. Moreover,
The Space Race
The History And
Legacy Of The
Competition That
Brought America
To The Moon
The History And
Legacy Of The
Competition That
Brought America
To The Moon

*System. Moreover,
the notion that
America "won" the
Space Race at the end
of the 1960s
overlooks just how
competitive the Space
Race actually was in
launching people into
orbit, as well as the
major contributions
the Space Race
influenced in leading*

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to today's

*International Space
Station and continued
space exploration.*

*Soviet Russia's Space
Program During the
Space Race: The
History and Legacy of
the Competition that
Pushed America to
the Moon chronicles
the history of Russia's
space development*

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The Space Race
The History And Legacy Of The Competition That
Ruled Russia
The Man
and the competition it fostered. Along with pictures of important people, places, and events, you will learn about the Russian space program like never before, in no time at all.

“Space Sleuths of the Cold War” relates for the first time the inside story of the

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*amateur spies who
monitored the Soviet
space program during
the Cold War. It is
written by many of
those "space sleuths"
themselves and
chronicles the key
moments in their
discovery of hidden
history. This book
shows that dedicated
observers were often*

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better than
professionals at
interpreting that
information coming
out of the USSR
during the dark days
of the Cold War. This
book takes a unique
approach to the
history of Soviet
spaceflight – looking
at the personal stories
of some of the

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*researchers as well as
the space secrets the
Soviets tried to keep
hidden. The
fascinating account
often reads like a
Cold War espionage
novel. "Space Sleuths
of the Cold War"
includes an
impressive list of
contributors, such as:
Editor Dominic*

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Russias Space
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*Phelan, giving an
overall history of the
Cold War hunt for
Soviet space secrets.*

Space writer Brian

Harvey reveals his

*own personal search
through official*

Soviet radio and

magazines to find out

*what they were (and
weren't) revealing to*

the outside world at

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*the height of the
space race. Sven
Grahn from Sweden
details his own 40
year quest to
understand what was
happening on the
other side of the Iron
Curtain. Professional
American historian
Asif Siddiqi explores
his own adventures in
the once secret*

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Russian archives –

often seeing

documents never

before read by

Westerners. Dutch

cosmonaut researcher

Bert Vis provides an

inside account of the

Yuri Gagarin training

center in Moscow.

Belgian researcher
Bart Hendrickx's
details his important

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*translation of the
1960s' diaries of
cosmonaut team
leader General
Kamanin. Pioneer
space sleuth James
Oberg's shares his
memories of his own
notable 'scoops.'
Paris-based writer
Christian Lardier
recounts the efforts of
French space sleuths*

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– whose work was
The Space Race
The History And
Legacy Of The
Competition That
The Rebirth of the
Russian Space
Program 50 Years
After Sputnik, New
Frontiers Springer
Science & Business
Media

A beautifully
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*illustrated history of
the Soviet Union's
leading role in the
space race. In this
deeply researched
chronology, Colin
Burgess describes the
then Soviet Union's
extraordinary success
in the pioneering
years of space
exploration. Within a
decade, the Soviets*

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not only launched the world's first satellite, Sputnik, in 1957, but they also were the first to send an animal and a human being into Earth orbit. In the years that followed, their groundbreaking missions sent a woman into space, launched a three-man

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*spacecraft, and
included the first
person to walk in
space. Six decades on
from the historic
spaceflight of
cosmonaut Yuri
Gagarin, Burgess
guides us through the
amazing
achievements of
Russia's spaceflight
program through to*

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Program During

*the present day,
introducing the men
and women who have
flown the missions
that drive us to delve
ever deeper into the
wonders and
complexities of the
cosmos.*

Selling Peace

Voices of the Soviet

Space Program

The Rebirth of the

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Program During
*Russian Space
Program*
The Space Race
The History And
Legacy Of The
Competition That

*The Soviet Space
Programme*
*An Illustrated History
of the Men, the
Missions, and the
Spacecraft*

**This is a unique
attempt to visualise**

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The History And
Legacy Of The
Competition That
Pushed America
To The Moon

**space exploration's
future through the
eyes of Russian
space engineers and
to describe that
nation's plans in
space. Based on
actual documents,
rather than on
guesswork, it is the
first comprehensive
illustrated book
dedicated to the
Russian vision for**

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the future of

**manned spaceflight
from the dawn of
manned spaceflight
until today. Lavishly
illustrated with
images of
unparalleled artistic
quality and technical
accuracy, the book:
puts the
development of the
Russian manned
spacecraft into**

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political and
historical context;
uniquely describes
the future of space
exploration through
the eyes of Russian
space engineers and
planners; introduces
hitherto unrevealed
systems developed
for the Russian
space program;
describes past
events and future

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plans in the
The Space Race
historical context of
The History And
the fall and rise of
Legacy Of The
the Russian space
Competition That
program.
Pushed America
An insider's view
To The Moon
into the
U.S.-Russian space
program In Star-
Crossed Orbits,
space veteran and
bestselling author
James Oberg
combines riveting

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personal memoir
with top-notch
investigative
journalism to tell the
complete untold
story of the
U.S.-Russian space
alliance. With
unparalleled access
to official Russian
archives, facilities,
and key individuals
associated with the
Russian space**

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**program, he
describes the
strengths and
weaknesses that
each side of the
alliance brings to
the table. And he
reveals for the first
time the full story of
Russia's decaying
space program and
how it ultimately
was saved from
collapse by Western**

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funds. Praise for Star Crossed Orbits: "A unique background and base of experience underlies this remarkable book by Jim Oberg. It is must reading for anyone who wishes to understand the culture with which one must deal when attempting to

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**cooperate with
Russia or counter
its initiatives, And
whether peaceful or
otherwise. Times
change with the
clock." --Dr. H.H.**

**'Jack' Schmitt,
Apollo moon walker,
US Senator "Jim
Oberг's new book is
an absolute must
read for those who
have followed the**

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**first decades of the
human exploration
of space. He reveals
all sorts of insider
information on all
sides of the
relationship
between the U.S.
and the Soviet
Union, later Russia,
as they attempted to
forge a successful
partnership in
space. . . Don't miss**

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**this one!" --Admiral
Richard Truly,
Space Shuttle
Astronaut and
former NASA
Administrator "[Star-
Crossed Orbits] is a
great piece of
investigative
journalism. [Its]
detailed,
comprehensive and
well documented
description of the**

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political
environment that
shaped the
International Space
Station is a service
to NASA and the
nation. . . [This]
book is a must read
for program
managers,
engineers and
scientists engaged
in present and
future projects with

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Program During
Russia." --Gene
Kranz, Apollo Flight
Director, author of
'Failure is Not An
Option' "Finally,
someone is telling it
like it is about the
Russian manned
space programthe
good, the bad and
the ugly. The
Russians pulled the
wool over our eyes
for decades. It

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Legacy Of The
Competition That
Pushed America
To The Moon

**continues even
today, only now
America is paying
for it. I have relied
on Jim for years
because no one
knows it or tells it
like he does."**

**--Walter
Cunningham, Apollo
VII Astronaut (first
manned Apollo
mission) "In this
reasoned**

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The History And Legacy Of The Competition That Pushed America To The Moon

indictment, James Oberg reveals the self-delusional and cynically deceptive deals in which the US allowed Russia to be a controlling partner in constructing the International Space station. He details the terrible cost in time, national treasure and

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integrity that this
caused and how,
despite these self-
inflicted barriers,
America's much-
maligned space
workers
successfully built it
anyway." --Frederick
C. Durant III, Former
Assistant Director,
National Air and
Space Museum
A wonderful,

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Legacy Of The
Competition That
Pushed America
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**whimsical journey
through the
pioneering space-
race graphics of the
former Soviet Union
This otherworldly
collection of Soviet
space-race graphics
takes readers on a
cosmic adventure
through Cold War-
era Russia. Created
against a backdrop
of geopolitical**

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uncertainty, the extraordinary images featured, taken from the period's hugely successful popular-science magazines, were a vital tool for the promotion of state ideology. Presenting more than 250 illustrations - depicting daring

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discoveries,
scientific
innovations, And
futuristic visions,
and extraterrestrial
encounters - Soviet
Space Graphics
unlocks the door to
the creative inner
workings of the
USSR.

The recent broad
political
rapprochement

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**between the United
States and the
nations of the
Former Soviet Union
(FSU) has
transformed the
environment for
cooperation on
space projects, and
led to cooperative
programs in space
with Russia and
other FSU states
that would have**

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**been unimaginable
just a few years ago.**

**Chief among these
are the high-profile
human spaceflight
cooperative
activities involving
the Space Shuttle-
Space Station Mir
dockings and the
International Space
Station. This report
surveys the
potential benefits**

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and drawbacks of
expanded

cooperation with

Russia and other
nations of the FSU

in space activities,
and examines the

impacts of closer
cooperation on U.S.

industry and U.S.
national security

concerns. Such
cooperation has

begun to yield

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scientific,
The Space Race
technological,
political, and
And
economic benefits

to the United States.
Competition That
However, the
Pushed America
political and
To The Moon

economic risks of
cooperating with the
Russians are higher
than with the United
States' traditional
partners in space.

Cooperation in

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robotic space
science and earth
remote sensing is
proceeding well,
within the stringent
limits of current
Russian (and U.S.)
space budgets.
Including Russia in
the International
Space Station
program provides
technical and
political benefits to

Read PDF Soviet Russias Space Program During the space station partners, but placing the Russian And contribution in the critical path to completion also poses programmatic and political risks. The report notes that much of the motivation for the expansion of cooperation with Russia lies beyond

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**programmatic
considerations.**

**Our Story of the
Cold War Space
Race
Soviet Robots in the
Solar System
Korolev**

**The N1: the Soviet
Moon Rocket
U. S.-Russian :
cooperation in
space
Inside the Soviet**

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**and American Space
Race**
**Russia's Space
Hoax**

This book tells
the story of the
Soviet and
Russian lunar
programme, from
its origins to
the present-day
federal Russian
space programme.
Brian Harvey

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describes the techniques devised by the USSR for lunar landing, from the LK lunar module to the LOK lunar orbiter and versions tested in Earth's orbit. He asks whether these systems would

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To The Moon

have worked and
examines how
well they were
tested. He
concludes that
political
mismanagement
rather than
technology
prevented the
Soviet Union
from landing
cosmonauts on
the moon. The

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book is well timed for the return to the moon by the United States and the first missions there by China and India.

This, fifty years after Sputnik, is the definitive book on the Russian

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The author covers all the key elements of the current Russian space program, including both manned and unmanned missions. He examines the various types of unmanned

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applications programs as well as the crucial military program, and even analyzes the infrastructure of production, launch centres and tracking. You'll also find discussion of the commercializ

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Pushed America
To The Moon

ation of the
program and its
relationship
with western
companies.
Russia's current
space experiment
is also put in a
comparative
global context.
Strong emphasis
is placed on
Russia's future
space intentions

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and on new
The Space Race
missions in
And
prospect.

Legacy Of The
Competition That
Pushed America
To The Moon
This absorbing
book describes
the long
development of
the Soviet space
shuttle system,
its
infrastructure
and the space
agency's plans

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to follow up the
first historic
unmanned
mission. The
book includes
comparisons with
the American
shuttle system
and offers
accounts of the
Soviet test
pilots chosen
for training to
fly the system,

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and the
The Space Race
operational,
The History And
political and
Legacy Of The
engineering
problems that
Competition That
finally sealed
Pushed America
the fate of
To The Moon
Buran and
ultimately of
NASA's Shuttle
fleet.

The Baikonur
Cosmodrome in
Kazakhstan was

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Legacy Of The
Competition That
Pushed America
To The Moon

created by the
Soviets in the
1950s. It was
from Baikonur in
1988 that the
first Soviet
spaceplane,
Buran, was
launched, in
response to the
United States
Space Shuttle.
This is the
first time that

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photographs of
these

The Spectacular And

Locations Have
been published
in a book.

50 Years After
Sputnik, New

Frontiers

Soviet Space

Mythologies

Soviet Russia's

Space Program

During the Space

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Race
The Soviet Space
Shuttle History And
Documented Proof
that the Soviet
Space Program
Has Been Faked
The Soviet
Manned Space
Program
Soviet and
Russian Lunar
Exploration
The N1 was the

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The Space Race
The History And
Legacy Of The
Competition That
Rushed America
To The Moon

booster rocket for the Soviet manned moon program and was thus the direct counterpart of the Saturn V, the rocket that took American astronauts to the moon in 1969. Standing 345 feet tall, the N1 was the largest rocket ever built by the Soviets and was roughly the same

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Legacy Of The
Competition That
Brought America
To The Moon

height and weight as the Saturn. Though initially ahead of the US in the space race, the Soviets lagged behind as the pace for being first on the moon accelerated. Massive technical and personnel difficulties, plus spectacular failures, repeatedly delayed the N1

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To The Moon

program. After the successful American landings on the moon, it was finally canceled without the N1 ever achieving orbit. The complete history of this rarely known Soviet program is presented here, starting in 1959, along with detailed technical descriptions

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Legacy Of The
Competition The
Book

of the N1's design and development. A full discussion of its attempted launches, disasters, and ultimate cancellation in 1974 completes this definitive history.

From the author of Seven Wonders of the Industrial World, another highly anticipated TV tie-in

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charting the shocking
but true story behind
the space race - and
the ruthless, brilliant
scientists who fuelled
it. The end of the Cold
War finally reveals a
generation of secrets
and cover-ups,
bringing a historical
opportunity: the
unmasking of the true
heroes and villains

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Ruled America
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behind the biggest
race of mankind. This
is one of the greatest
stories in world
history, beginning in
the bloody throes of
the Second World War
and spanning through
to the moon landings.
With the two
superpowers pitched
against one another
during the Cold War,

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Competition That
Put America
To The Moon

this is the race to create the most powerful rocket and dominate the world, culminating in 1969's 'giant leap for mankind'. The most pioneering and high-risk experiments ever undertaken cost untold millions - and hundreds of lives as mistakes were made,

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some too horrific to be made public. It is a tale that plays out against a backdrop of communism and espionage. Buried within this multi-million-dollar battle between nations are the dramatic accounts of the individuals whose passion to be the winner of this

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dream at any cost.

The Space Race

The History And

Legacy Of The

Competition That

Shaped America

The Moon

Sergei Korolev on the

Soviet side, this

revealing new history

shows the extent to

which politics and

personal ambition

combined to create an

explosive race for the

Read PDF Soviet Russias Space Program During glory of victory.

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Ruled America
To The Moon

Soviet Robots in the
Solar System provides
a history of the Soviet
robotic lunar and
planetary exploration
program from its
inception, with the
attempted launch of a
lunar impactor on
September 23, 1958,
to the last launch in
the Russian national

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scientific space
The Space Race
The History And
Century, Mars 96, on
November 16, 1996.

This title makes a
unique contribution to
understanding the
scientific and
engineering
accomplishments of
the Soviet Union's
robotic space
exploration enterprise

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Competition That
Propelled America
To The Moon

from its infancy to its demise with the collapse of the Soviet Union. The authors provide a comprehensive account of Soviet robotic exploration of the Solar System for both popular space enthusiasts and professionals in the field. Technical details

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and science results are provided and put into an historical and political perspective in a single volume for the first time.

The book is divided into two parts. Part I describes the key players and the key institutions that build and operate the hardware, the rockets

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Program During
The Space Race
The History And
Legacy Of The

that provide access to space, and the spacecraft that carry out the enterprise.

Part II is about putting these pieces together to enable space flight and mission campaigns. Part II is written in chronological order beginning with the first launches to the

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The History And
Legacy Of The
Competition That
Pushed Mankind
To The Moon

Moon. Each chapter covers a particular period when specific mission campaigns were undertaken during celestially-determined launch windows. Each chapter begins with a short overview of the flight missions that occurred during the time period and the

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political and historical context for the flight mission campaigns, including what the Americans were doing at the time. The bulk of each chapter is devoted to the scientific and engineering details of that flight campaign. The spacecraft and payloads are

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Competition That
Shaped America
The Cold War
examined with as
much technical detail
as is available today,
the progress is
described, and a
synopsis of the
scientific result is
given.

Tells the true stories
of Laika, Belka,
Strelka, and the other
space dogs who were
sent on experimental

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space flight
The Space Race
explorations by the
The History And
Soviet Union between
Legacy Of The
1951 and 1956.
Competition That
Public Images,
Private Memories,
and the Making of a
Cultural Identity
The Eastern Bloc's
Early Space Program
Sputnik and the Soviet
Space Challenge
Star-Crossed Orbits:

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Inside The
The Space Race
U.S.-Russian Space
The History And
Alliance
Legacy Of The
Soviets in Space
Competition That
Cosmonautics
Soviet Space Culture
The Moon
Illustrated with
photographs from
Soviet Venus and
Mars probes,
images of
spacecraft,
diagrams of flight

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The History And
Legacy Of The
Competition That
Pushed America
To The Moon

paths and maps of
landing sites, this
book draws on
published scientific
papers, archives,
memoirs and other
material. The text
reviews Soviet
engineering
techniques and
science packages,
as well the
difficulties which

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ruined several missions. The program's scientific and engineering legacy is also addressed, within the Soviet space effort as a whole.

Starting with the first man-made satellite 'Sputnik' in 1957 and

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This book
explores the
profound
repercussions of the
Soviet space
exploration
program on culture

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and enthusiast alike

... Great

stuff!"—New

Scientist "In this

exceptional book,

James Harford

pieces together a

most compelling

and well-written

tale. . . . Must

reading."—Space

News. "Through

masterful research

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and an engaging
narrative style,
James Harford gives
the world its first
in-depth look at
the man who

should rightly be
called the father of
the Soviet space
program."—Norman
R. Augustine, CEO,
Lockheed Martin.

"In Korolev, James

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Harford has written a masterly biography of this enigmatic Chief Designer whose role the Soviets kept secret for fear that Western agents might get at him."—Daily Telegraph.

"Harford's fluency in Russian and his

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intimate knowledge
of space technology
give us insights that
few, if any,

Americans and
Russians have had
into this dark

history of Soviet
space."—Dr.

Herbert Friedman,
Chief Scientist,
Hulburt Center for
Space Research

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Program During
Naval Research
The Space Race
Laboratory.

"Reveals the
complex, driven
personality of a
man who, despite
unjust
imprisonment in
the Gulag, toiled
tirelessly for the
Soviet military
industrial complex. .
. . More than just a

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biography, this is
also a history of the
The Space Race
The History And
Soviet space
program at the
height of the Cold
War.... Highly reco

mmended."—Librar
y Journal. "For
decades the
identity of the
Russian Chief
Designer who
shocked the world

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with the launching
of the first Sputnik
was one of the
Soviet Union's
best-kept secrets.

This book tells
vividly the story of
that man, Sergei
Korolev, in
remarkable detail,
with many facts and
anecdotes
previously

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Program During
The Space Race
The History And
Legacy Of The
Competition That
United America
Development.

This book focuses
on the Interkosmos
program, which
was formed in 1967,
marking a
fundamentally new

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era of cooperation by socialist countries, led by the Soviet Union, in the study and exploration of space. The chapters shed light on the space program that was at that time a prime outlet for the Soviet Union's aims at becoming a

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Program During
world power.

The Space Race
The History And
Legacy Of The
Competition That
Rapidly America
To The Moon

Interkosmos was a
highly publicized
Russian space
program that
rapidly became a
significant

propaganda tool for
the Soviet Union in
the waning years of
communism. Billed
as an international
“ research-

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Program During
cosmonaut ”
The Space Race
imperative, it was
The History And
also a high-profile
Legacy Of The
means of displaying
Competition That
solidarity with the
Rush to Space
nine participating
The Moon
Eastern bloc
countries. Those
countries
contributed pilots
who were trained in
Moscow for week-
long “ guest ”

Read PDF Soviet
Russias Space
Program During
missions on
The Space Race
orbiting Salyut
The History And
stations. They did a
Legacy Of The
little subsidiary
Competition That
science and were
Pushed America
permitted only the
To The Moon
most basic
mechanical
maneuvers. In this
enthraling new
book, and following
extensive
international

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research, the authors fully explore the background, accomplishments and political legacy of the Interkosmos program. Through personal and often highly revealing interviews with many of the participants they

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Program During
The Space Race
The History And
Legacy Of The
Competitive That
Rivalled America

relate the very
human story
behind this
extraordinary but
controversial space
venture..

Russia in Space
The failed frontier?
Overview of the
soviet space
programs
The Soviet Space
Program

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Program During
Space Exploration
The Space Race
and Soviet Culture
The History And
Russia ' s
Cosmonauts and
the Space Frontier
Mission America
Technologies and
Discoveries
Until the Apollo-
Soyuz flight of
1972, the Russian
Space Program
was shrouded in

Read PDF Soviet
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Program During
such complete
The Space Race
The History And
Legacy Of The
Competition That
Pushed America
To The Moon
The History And
Legacy Of The
Competition That
Pushed America
To The Moon

such complete
secrecy that only
rumors of failures
(or catastrophes)
reached the West.
This
comprehensive
history of the
Russian Space
Program, from its
Sputnik origins to
the privatized Mir
Space Station,
addresses the

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The History And
Legacy Of The
Competition That
Pushed America
To The Moon

technical, political,
historical, human,
and organizational
issues and
provides a
balanced focus on
the manned and
unmanned
programs. It is the
first book to assess
the Russian Space
Program including
the 10-year period
since the fall of

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communism.

Based on new
Russian sources,
Siddiqi's book
reveals the truth
about the Soviet
space program to
tell a technical,
political, and
personal history of
the major Soviet
initiatives. Photos
& illustrations.

From the start, the

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Soviet human
space program had
an identity crisis.

Were cosmonauts
heroic pilots
steering their craft
through the
dangers of space,
or were they mere
passengers riding
safely aboard fully
automated
machines?

Tensions between

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Soviet cosmonauts and space engineers were reflected not only in the internal development of the space program but also in Soviet propaganda that wavered between praising daring heroes and flawless technologies.

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Russias Space
Program During
Soviet Space
Mythologies
explores the
history of the
Soviet human
space program
within a political
and cultural
context, giving
particular
attention to the
two professional
groups—space
engineers and

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The Space Race
The History And
Legacy Of The
Competition That
Pushed America
To The Moon

cosmonauts—who secretly built and publicly represented the program. Drawing on recent scholarship on memory and identity formation, this book shows how both the myths of Soviet official history and privately

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To The Moon

circulating counter-
myths have served
as instruments of
collective memory
and professional
identity. These
practices shaped
the evolving
cultural image of
the space age in
popular Soviet
imagination. Soviet
Space Mythologies
provides a valuable

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Pushed America
To The Moon

resource for
scholars and
students of space
history, history of
technology, and
Soviet (and post-
Soviet) history.

For the first time
the inside story of
Russia's marketing
of their space
program to the
West is chronicled
by one who was

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Program During
there. The

The Space Race
The History And
colourful tales are
told, warts and all.

Legacy Of The
Competition That
Pushed America
To The Moon
How the door to
Russia's long
hidden space pro-
gram was opened
during the era of
Soviet perestroika,
the political
struggle on the
signing of the first
contract between
the Russians and

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NASA, the push to change space station Freedom into a co-operative venture, the willingness of the Russians to use free markets against the wishes of NASA and how the Russian space station Mir became a commercial platform, are all

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Program During
The Space Race
The History And
Legacy Of The
Competition That
Pushed America
To The Moon
told in a relaxed
and engaging style
by the author, who
is the only
American ever to
work within the
Russian space
program. The book
chronicles the
author's 14 year
journey to use
Russian assets to
strengthen the
American space

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Competition That
Pushed America
To The Moon
program. Included
is the behind-the-
scenes of signing
Dennis Tito,
working with
entertainment
icons like James
Cameron and Mark
Burnett and the
electrifying ride
that was MirCorp.
The book discusses
the boycott
organised by NASA

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The Space Race
to prevent
MirCorp's success
and the drama
behind the world's
only commercial
manned expedition
that sent two men
to the Mirspace
station for over
two months, with
no government
funding. It is a tale
of strong
characters.

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Readers are given
a front-row seat on
the decade-long
clash between the
Russian chief Yuri
Semenov and
NASA's Dan
Goldin, a
paradoxical battle
that saw the
Russians
embracing
American open
markets and NASA

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The Cold War
The History And
Legacy Of The
Competition That
Pushed America
To The Moon
Soviet Space
Graphics
Soviet Russias

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Program During
Space Program
During the Space
Race History And
Cosmic Of The
Enthusiasm in
Socialist Societies
History,
Development,
Legacy and
Prospects
The Lunar Mission
Years: 1959-1976
The book received

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*the Emme Award
for Astronautical
Literature at the
March 20 2000
luncheon of the
Goddard Memorial
Symposium,
sponsored by the
American
Astronautical
Society. Named in
honor of the first*

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Legacy Of The
Competition That
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***NASA Historian,
Eugene Emme, the
Emme award was
created in 1982 to
annually recognize
an outstanding book
that increases public
understanding of
the past and
potential impact of
the field of
astronautics.***

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Program During

*When Neil
Armstrong and Buzz
Aldrin walked on
the moon in 1969,
they personified an
almost
unimaginable
feat—the incredibly
complex task of
sending humans
safely to another
celestial body. This*

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*extraordinary
odyssey, which grew
from the rivalry
between the United
States and the Soviet
Union during the
Cold War, was
galvanized by the
Sputnik launch in
1957. To mark the
fiftieth anniversary
of Sputnik, National*

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Program During

*Geographic
recaptures this
gripping moment in
the human
experience with a
lively and
compelling new*

*account. Written by
Smithsonian curator
Von Hardesty and
researcher Gene*

Eisman, Epic

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Rivalry tells the story from both the American and the Russian points of view, and shows how each space-faring nation played a vital role in stimulating the work of the other. Scores of rare, unpublished, and powerful

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*Program During
The Space Race
The History And
Legacy Of The
Competition That
Pushed America
To The Moon*

*photographs recall
the urgency and
technical creativity
of both nations'
efforts. The authors
recreate in vivid
detail the "parallel
universes" of the
two space
exploration
programs, with
visionaries Wernher*

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Program During
*von Braun and
Sergei Korolev and
political leaders
John F. Kennedy
and Nikita
Khrushchev at the
epicenters. The
conflict between
countries, and the
tense drama of their
independent
progress, unfolds in*

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vivid prose.

*Approaching its
subject from a
uniquely balanced
perspective, this
important new
narrative chronicles
the epic race to the
moon and back as it
has never been told
before—and
captures the interest*

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Russias Space
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*of casual browsers
and science, space,
and history
enthusiasts alike.*
*A history of a
virtually unknown
genius and a team
of gifted engineers
who propelled the
Soviet space
program towards
one of the 20th*

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Program During
century's most
The Space Race
astounding
The History And
technological
Legacy Of The
developments
Competition That
Growing up on
Pushed America
either side of the
To The Moon
Iron Curtain, David
Scott and Alexei
Leonov experienced
very different
childhoods but
shared the same

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dream to fly.
Excelling in every
area of mental and
physical agility,
Scott and Leonov
became elite fighter
pilots and were
chosen by their
countries'
burgeoning space
programs to take
part in the greatest

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Russias Space

*Program During
The Space Race
The History And
Legacy Of The
Competition That
Pushed America
To The Moon*

*technological race
ever-to land a man
on the moon. In this
unique dual
autobiography,
astronaut Scott and
cosmonaut Leonov
recount their*

*exceptional lives and
careers spent on the
cutting edge of
science and space*

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*exploration. With
each mission
fraught with
perilous risks, and
each space program
touched by tragedy,
these parallel tales
of adventure and
heroism read like a
modern-day thriller.
Cutting fast between
their differing*

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Program During
*recollections, this
book reveals, in a
very personal way,
the drama of one of
the most ambitious
contests ever
embarked on by
man, set against the
conflict that once
held the world in
suspense: the clash
between Russian*

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Program During
*communism and
Western democracy.
Before training to
be the USSR's first
man on the moon,
Leonov became the
first man to walk in
space. It was a feat
that won him a
place in history but
almost cost him his
life. A year later, in*

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*1966, Gemini 8,
with David Scott
and Neil Armstrong
aboard, tumbled out
of control across
space. Surviving
against dramatic
odds-a split-second
decision by pilot
Armstrong saved
their lives-they both
went on to fly their*

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Program During
*own lunar missions:
The Space Race
Armstrong to
The History And
command Apollo 11
Legacy Of The
and become the first
Competition That
man to walk on the
Pushed America
moon, and Scott to
To The Moon
perform an EVA
during the Apollo 9
mission and
command the most
complex expedition
in the history of*

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Russias Space
Program During
*exploration, Apollo
15. Spending three
days on the moon,
Scott became the
seventh man to walk
on its breathtaking
surface. Marking a
new age of
USA/USSR
cooperation, the
Apollo-Soyuz Test
Project brought*

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*Program During
The Space Race
The History And
Legacy Of The
Competition That
Pushed America
To The Moon*

*Scott and Leonov
together, finally
ending the Cold War
silence and building
a friendship that
would last for
decades. Their
courage, passion for
exploration, and
determination to
push themselves to
the limit emerge in*

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Russias Space
Program During

*these memoirs not
only through their
triumphs but also
through their
perseverance in
times of
extraordinary
difficulty and
danger.*

*Cosmonauts,
Soldiers, and
Engineers Who*

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Program During
*Took the USSR into
The Space Race
Space*

*A Colorful History :
The History And
Legacy Of The
History of Society-
Russian Space*

*Competition That
Pushed America
Programs
To The Moon*

*European-Russian
Space Cooperation*

U.S.-Soviet

Cooperation in

Space

The Superpower

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Program During
Odyssey

*The Soviet Union
and the Space Race,
1945-1974*

*Two Sides of the
Moon*

**The story of Euro
pean-Russian
collaboration in
space is little
known and its
importance all
too often**

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understated.
Because France was the principal interlocutor between these nations, such cooperation did not receive the attention it deserved in English-language literature. This book rectifies that history,

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**showing how
Russia and
Europe forged a
successful
partnership that
has continued to
the present day.
Space writer
Brian Harvey
provides an in-
depth picture of
how this Europea
n-Russian
relationship**

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**evolved and
what factors—sci
entific, political
and industrial—p
ropelled it over
the decades. The
history begins in
the cold war
period with the
first
collaborative
ventures
between the
Soviet Union and**

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European countries, primarily France, followed later by Germany and other European countries. Next, the chapters turn to the missions when European astronauts flew to Russian space stations, the Soyuz rocket

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*made a new
home in
European
territory in the
South American
jungle and
science missions
were flown to
study deep
space. Their
climax is the
joint mission to
explore Mars,
called ExoMars,*

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**which has
already sent a
mission to Mars.
Through this
close
examination of
these European-
Russian efforts,
readers will
appreciate an
altogether new
perspective on
the history of
space**

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**Program. During
The Space Race
The History of
Legacy Of The
Competition That
Pushed America
To The Moon.**
**exploration, no
longer defined
by competition,
but rather by
collaboration and
cooperation.**

**Korash has
background in
both space policy
and international
relations, has
been a journalist
in both Russia
and the US, was**

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***considered a
candidate for
cosmonaut when
the Soviet Union
broke up, and
was involved in
the 1993 joint
Shuttle-Mir
missions. He
traces the
Soviet/Russian
view of the shift
from competition
to cooperation***

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with the US
space program.

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**The launch of the
Sputnik satellite**

in October 1957

changed the

course of human

history. In the

span of a few

years, Soviets

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Legacy Of The
Competition That
Pushed America
To The Moon

**sent the first
animal into
space, the first
man, and the
first woman.
These events
were a direct
challenge to the
United States
and the capitalist
model that
claimed
ownership of
scientific**

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**aspiration and
achievement.**

**Into the Cosmos
shows us the
fascinating
interplay of
Soviet politics,
science, and
culture during
the Khrushchev
era, and how the
space program
became a
binding force**

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**between these
elements.**

***In this history And
remarkable oral
history, Slava
Gerovitch
presents
interviews with
the men and
women who
witnessed Soviet
space efforts
firsthand. Rather
than comprising***

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a "master narrative," these fascinating and varied accounts bring to light the often divergent perspectives, experiences, and institutional cultures that defined the Soviet space program.

The Untold

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**Secrets of the
Soviet Space
Program
Energia-Buran
Russian
Planetary
Exploration
From de Gaulle
to ExoMars
Epic Rivalry
The Past
Explained, the
Future Explored
Inside the Soviet**

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***Conspiracy that
Transformed the
U.S. Space And
Program***

***Traces the
development of the
Soviet space
program from
Sputnik to the Mir
space station, and
looks at future
Soviet plans for the
exploration of space
With the launch of***

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the Sputnik 1

*satellite on October
4, 1957, the Soviet*

*Union started the
space race; the race*

*for the moon soon
followed. Here too*

*the USSR was ahead
of the game: the first*

*flyby of the moon,
the first lunar-*

impact probe, the

first pictures of the

far side, and the first

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Program During
soft landing.

**Defending the lead,
and thus**

**demonstrating the
superiority of
communism, was an
ideological must for
Soviet leadership.**

**The United States
soon caught up and
surpassed the
Soviet moon
program. This book
chronologically**

Read PDF Soviet Russias Space Program During The Space Race
examines the fifty-nine missions the USSR sent or intended to send to the moon from 1959 to 1976. Eventually, the Soviets finally abandoned the idea of a manned moon landing and for the following decade and a half claimed that they never conducted such a

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Program During
*program. Unmanned
Soviet lunar flights
continued until
1976, by which time
they had used up all
of the space probes
built in the years
previous.*

*How One Man
Masterminded the
Soviet Drive to Beat
America to the Moon
Race Into Space
The Space Race*

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Soviet Space
Program***
***Soviet Space Dogs
Into the Cosmos***
***Cold War Space
Sleuths***
The History And
Legacy Of The
Competition That
Pushed America
To The Moon