

Where To
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Moonships

On Board Apollo Moonships

*To commemorate
the momentous
50th
anniversary of
Yuri Gagarin's
pioneering
journey into
space on 12th*

Where To Download On Board Apollo Moonships

April 2011, a series of five books - to be published annually - will explore this half century, decade by decade, to discover how humanity's knowledge of flying, working

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*and living in
Moonships
space has
changed. Each
volume will
focus not only
upon the
individual
missions within
'its' decade,
but also upon
the key
challenges
facing human*

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space exploration at specific points within those 50 years: from the simple problems of breathing and eating in space to the challenges of venturing outside in a pressurised

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spacesuit and locomotion on the Moon. The first volume of this series will focus upon the 1960s, exploring each mission from April 1961 to April 1971 in depth: from the pioneering

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*Vostok flights
to the
establishment
of the first
Salyut space
station and
from Alan
Shepard's
modest sub-
orbital 'hop'
into space to
his triumphant
arrival at the*

Where To Download On Board Apollo Moon's Fra Moonships

Mauro foothills
almost a decade
later.

Long before the
NASA was the
throes of
planning for
the Apollo
voyages to the
Moon, many
people had seen
the need for a

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vehicle that
could access
space
routinely. The
idea of a
reusable space
shuttle dates
at least to the
theoretical
rocketplane
studies of the
1930s, but by
the 1950s it

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*had become an
integral part
of a master
plan for space
exploration.*

*The goal of
efficient
access to space
in a heavy-lift
booster
prompted NASA's
commitment to
the space*

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*shuttle as the
vehicle to
continue human
space flight.*

*By the
mid-1960s, NASA
engineers
concluded that
the necessary
technology was
within reach to
enable the
creation of a*

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*reusable winged
space vehicle
that could haul
scientific and
applications
satellites of
all types into
orbit for all
users.*

President

Richard M.

*Nixon approved
the effort to*

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build the shuttle in 1972 and the first orbital flight took place in 1981. Although the development program was risky, a talented group of scientists and engineers worked to

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*create this
unique space
vehicle and
their efforts
were largely
successful.*

*Since 1981, the
various
orbiters
-Atlantis,
Columbia,
Discovery,
Endeavour, and*

Where To Download On Board Apollo Challenger Moonships

(lost in 1986 during the only Space Shuttle accident) - have made early 100 flights into space. Through 1998, the space shuttle has carried more than 800 major scientific and

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*technological
payloads into
orbit and its
astronaut crews
have conducted
more than 50
extravehicular
activities,
including
repairing
satellites and
the initial
building of the*

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*International
Space Station.*

*The shuttle
remains the
only vehicle in
the world with
the dual
ability to
deliver and
return large
payloads to and
from orbit, and
is also the*

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*world's most
reliable launch
system. The
design, now
almost three
decades old, is
still state-of-
the-art in many
areas,
including
computerized
flight control,
airframe*

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*design,
electrical
power systems,
thermal
protection
system, and
main engines.*

*This
significant new
study of the
decision to
build the space
shuttle*

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explains the shuttle's origin and early development. In addition to internal NASA discussions, this work details the debates in the late 1960s and early 1970s

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among policymakers in Congress, the Air Force, and the Office of Management and Budget over the roles and technical designs of the shuttle.

Examining the interplay of

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these organizations with sometimes conflicting goals, the author not only explains how the world's premier space launch vehicle came into being, but also how politics

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*can interact
with science,
technology,
national
security, and
economics in
national
government.*

*The technology
of the next few
decades could
possibly allow
us to explore*

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with robotic probes the closest stars outside our Solar System, and maybe even observe some of the recently discovered planets circling these stars. This book looks at

Where To Download On Board Apollo Moonships

*the reasons for
exploring our
stellar
neighbors and
at the
technologies we
are developing
to build space
probes that can
traverse the
enormous
distances
between the*

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*stars. In order
to reach the
nearest stars,
we must first
develop a
propulsion
technology that
would take our
robotic probes
there in a
reasonable
time. Such
propulsion*

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*technology has
radically
different
requirements
from
conventional
chemical
rockets,
because of the
enormous
distances that
must be
crossed.*

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*Surprisingly,
many propulsion
schemes for
interstellar
travel have
been suggested
and await only
practical
engineering
solutions and
the political
will to make
them a reality.*

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*This is a
result of the
tremendous
advances in
astrophysics
that have been
made in recent
decades and the
perseverance
and imagination
of tenacious
theoretical
physicists.*

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This book explores these different propulsion schemes - all based on current physics - and the challenges they present to physicists, engineers, and space

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*exploration
entrepreneurs.
This book will
be helpful to
anyone who
really wants to
understand the
principles
behind and
likely future
course of
interstellar
travel and who*

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wants to
recognizes the
distinctions
between pure
fantasy (such
as Star Trek's
'warp drive')
and methods
that are
grounded in
real physics
and offer
practical

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*technological
solutions for
exploring the
stars in the
decades to
come.*

*The Space
Shuttle*

Decision

*Science News-
letter*

The Barnhart

Dictionary of

Where To
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New English
Since 1963

Newsweek

*A History of
Apollo Launch
Facilities and
Operations*

**Written by a
trio of experts,
this is the
definitive
reference on the**

Where To
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Apollo spacecraft and lunar modules. It traces the design of the vehicles, their development, and their operation in space. More than 100 photographs and illustrations highlight the text, which

Where To
Download On
Board Apollo

*begins with
NASA's origins
and concludes
with the
triumphant
Apollo 11 moon
mission.*

*This illustrated
history by a
trio of experts
is the
definitive
reference on the
Apollo*

Where To
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spacecraft and
lunar modules.
It traces the
vehicles'
design,
development, and
operation in
space. More than
100 photographs
and
illustrations.
The
Congressional
Record is the

Where To
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official record
of the
proceedings and
debates of the
United States
Congress. It is
published daily
when Congress is
in session. The
Congressional
Record began
publication in
1873. Debates
for sessions

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*prior to 1873
are recorded in
The Debates and
Proceedings in
the Congress of
the United
States
(1789-1824), the
Register of
Debates in
Congress
(1824-1837), and
the
Congressional*

Where To
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Board Apollo
Globe

(1833-1873)

*Escaping the
Bonds of Earth
NASA's Search
for a Reusable
Space Vehicle
Marketing the
Myth of Star
Trek
Physical
Science, Energy,
and Our
Environment*

Where To
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*U.S. News &
World Report*

Apollo 8

Today's media, cinema and TV screens are host to new manifestations of myth, their modes of storytelling radically transformed from those of ancient Greece. They present us with narratives of

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contemporary customs
and belief systems: our
modern-day myths.

This book argues that
the tools of transmedia
merchandising and
promotional material
shape viewers'
experiences of the hit
television series Star
Trek, to reinforce the
mythology of the
gargantuan franchise.

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Media marketing utilises the show's method of recycling the narratives of classical heritage, yet it also looks forward to the future. In this way, it reminds consumers of the Star Trek story's ongoing centrality within popular culture, whether in the form of

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the original 1960s series, the later additions such as Voyager and Discovery or J. J. Abrams' `reboot' films. Chapters examine how oral and literary traditions have influenced the series structure and its commercial image, how the cosmological

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role of humanity and the Earth are explored in title sequences across various Star Trek media platforms, and the multi-faceted way in which Internet, video game and event spin-offs create rituals to consolidate the space opera's fan base. Fusing key theory from film, TV, media

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and folklore studies, as well as anthropology and other specialisms, *To Boldly Go* is an authoritative guide to the function of myth across the whole Star Trek enterprise.

The untold story of the historic voyage to the moon that closed out one of our darkest years with a nearly

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unimaginable triumph

In August 1968,

NASA made a bold
decision: in just

sixteen weeks, the

United States would

launch humankind's

first flight to the

moon. Only the year

before, three

astronauts had burned

to death in their

spacecraft, and since

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then the Apollo program had suffered one setback after another. Meanwhile, the Russians were winning the space race, the Cold War was getting hotter by the month, and President Kennedy's promise to put a man on the moon by the end of the decade

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seemed sure to be broken. But when Frank Borman, Jim Lovell and Bill Anders were summoned to a secret meeting and told of the dangerous mission, they instantly signed on. Written with all the color and verve of the best narrative non-fiction, Apollo 8 takes us from

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Mission Control to the astronaut's homes, from the test labs to the launch pad. The race to prepare an untested rocket for an unprecedented journey paves the way for the hair-raising trip to the moon. Then, on Christmas Eve, a nation that has suffered a horrendous

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year of assassinations
Moonships
and war is heartened
by an inspiring
message from the trio
of astronauts in lunar
orbit. And when the
mission is over—after
the first view of the
far side of the moon,
the first earth-rise, and
the first re-entry
through the earth's
atmosphere following

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a flight to deep space—the impossible dream of walking on the moon suddenly seems within reach.

The full story of Apollo 8 has never been told, and only Jeffrey Kluger—Jim Lovell's co-author on their bestselling book about Apollo 13—can do it justice. Here is

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the tale of a mission that was both a calculated risk and a wild crapshoot, a stirring account of how three American heroes forever changed our view of the home planet.

LIFE Magazine is the treasured photographic magazine that chronicled the 20th

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Century. It now lives on at LIFE.com, the largest, most amazing collection of professional photography on the internet. Users can browse, search and view photos of today's people and events. They have free access to share, print and post images for personal

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use.

Moonport

The Fifties and the
Sixties

Deep Space

Propulsion

The Moon: Target for
Apollo

LIFE

Science Journal

***Exposes the behind-the-scenes
events of the***

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Moonships

*U.S. and Soviet
space programs,
describing key
personalities,
technologies,
successes, and
failures
encountered
along the way
A classic study
of the
development of
the Saturn
launch vehicle*

Where To
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*that took
Americans to the
Moon in the
1960s. This
Saturn rocket
was developed as
a means of
accomplishing
President
Kennedy's 1961
commitment for
the U.S. to
reach the Moon
before the end*

Where To
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*of the decade.
This book not
only tells the
important story
of the
development of
the Saturn
rocket, and the
people who
designed and
built it, but
also recounts
the stirring
exploits of its*

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Board Apollo

*operational life
from orbital
missions around
Earth testing
Apollo equipment
to the Moon and
back. Essential
reading for
anyone seeking
to understand
the development
of space flight
in America.*

Black and white

Where To
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Board Apollo
photos.

*Explains and
illustrates the
use of numerous
American,
British, and
Canadian terms
that have become
part of the
English language
in recent years.
Countdown
Moon Missions
Stages to Saturn*

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*Proceedings and
Debates of the
... Congress*

*Andean Air Mail
& Peruvian Times*

Lem Lunar

Excursion Module

Familiarization

Manual

*In this entrancing
account, space
traveler Michael
Collins recalls his*

Where To
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***early days as an
Air Force test
pilot, his
astronaut
training at NASA,
and his
unparalleled
experiences in
orbit, including
the Apollo 11
mission, the first
manned lunar
landing. The final***

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***chapter to his
autobiography,
revised and
updated for this
edition of Flying
to the Moon, is an
exciting and
convincing
argument in favor
of mankind's
continued
exploration of our
universe. "Several***

Where To
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Moonships
**astronauts have
written about
their experiences,
but none so well
as Michael
Collins...This is
just the book to
give the child
whose parents
made Yeager and
The Right Stuff
best sellers."-The
Washington Post**

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***Book World
Boys' Life is the
official youth
magazine for the
Boy Scouts of
America.***

***Published since
1911, it contains
a proven mix of
news, nature,
sports, history,
fiction, science,
comics, and***

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Scouting.

Popular Science
gives our readers
the information
and tools to
improve their
technology and
their world. The
core belief that
Popular Science
and our readers
share: The future
is going to be

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***better, and
science and
technology are
the driving forces
that will help
make it better.***

***An Astronaut's
Story***

***The Aerospace
Year Book***

***The World of
Words***

Boys' Life

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***A Technological
History of the
Apollo/Saturn
Launch Vehicle
The True Story of
the American
Heroes on the
Apollo 8
Spaceship***

Designed by
Grumman's brilliant
Tom Kelly, the Apollo
Lunar Excursion

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Module (or "LEM" for short) was a triumph of purpose-built engineering. In the six years 1962-1968 between drawing board and first flight, a myriad of challenges were overcome related to weight, reliability and safety. The final design, designated the Lunar Module or "LM,"

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boasted tiny windows instead of large portholes, four legs instead of five and most famously had no seats instead relying on the astronauts' legs to cushion a lunar landing. Ten LMs made it into space including three flown in development and test missions, and six

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which landed on the Moon. A seventh famously saved the crew of Apollo 13 when that mission's Command Module suffered a catastrophic malfunction. Originally created for NASA by Grumman in 1964, this LEM Familiarization Manual provides an operational description

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of all subsystems and major components of the lunar lander. It includes sections about the LEM mission, spacecraft structure, operational subsystems, prelaunch operations, and ground support equipment."

The exciting and inspiring true story of Apollo 8, the first

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crewed spaceship to break free of the Earth's orbit and reach the moon, by the best-selling author of Apollo 13. What's more exciting than spaceships and astronauts? How about a spaceship carrying the first astronauts ever to see the moon firsthand--on

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Christmas! The year was 1968, and the American people were still reeling from the spacecraft fire that killed the Apollo 1 crew a year earlier. On top of that, there were rumors that the Russian cosmonauts were getting ready to fly around the moon. NASA realized that

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they needed to take a bold step--and that they needed to take it now. They wanted to win the space race against Russia and hold true to President Kennedy's promise to put a man on the moon by the end of the decade. So in a risky move, a few days before Christmas of

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that year, they sent Frank Borman, Jim Lovell, and Bill Anders to the moon! This book about the exciting and inspiring true story of Apollo 8, the first crewed spaceship to break free of Earth's orbit and reach the moon, tells the story of these three brave men, the frantic rush to get

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their rocket ready, and the journey that gave the American people--and the world--a new look at the planet we live on and the corner of space we inhabit. Filled with the science and training required to put a person into space, and every detail of what it's like to live in a

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spaceship for days on end (including what happens when astronauts need to use the bathroom), this book is sure to leave kids clamoring for a spot on the next mission to outer space. Chariots for ApolloThe NASA History of Manned Lunar Spacecraft to

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1969 Courier
Corporation

To the Moon!
Aerospace Year Book
A Language Reader
A Roadmap to
Interstellar Flight
Airman
Business Periodicals
Index

**This book tells the
story of the Soviet**

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and Russian lunar programme, from its origins to the present-day federal Russian space programme. Brian Harvey describes the techniques devised by the USSR for lunar landing, from the LK lunar module

Where To
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**to the LOK lunar
orbiter and
versions tested in
Earth's orbit. He
asks whether these
systems would have
worked and
examines how well
they were tested.
He concludes that
political
mismanagement**

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**rather than
technology
prevented the
Soviet Union from
landing
cosmonauts on the
moon. The book is
well timed for the
return to the moon
by the United
States and the first
missions there by**

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China and India.
Includes all of the
details of the
Gehman Report,
the official accident
report, on the
Space Shuttle
Columbia's final
flight.

Explains how and
why we went to the
Moon and what the

Where To
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**astronauts found
there, and**

**considers the
questions of
whether it was
worth the cost and
should America go
back**

**Chariots for Apollo
Soviet and Russian
Lunar Exploration
Mankind's First**

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**Voyages to Another
World**

**Congressional
Record**

Flying to the Moon

**The NASA History
of Manned Lunar
Spacecraft to 1969**