Quest: The History of Spaceflight – Bibliography by Subject

Sections

Oral History / Interviews

Astronaut Oral Histories / Interviews

- 3-3 Alan Shepard: Moon Shooter
- 3-3 Charlie Duke: Footprints on the Moon
- 4-1 Jack Lousma: Down to Earth: Apollo 13 from the CapCom's Chair
- 4-1 James Lovell
- 4-2 Fred Haise: "Freddo" An Interview with the Apollo 13 Astronaut
- 5-1 James Lovell: Trailblazing for the Moon
- 5-3 Shannon Lucid
- 6-2 Alan B. Shepard
- 6-4 James Alton McDivitt
- 7-4 Gus Grissom: In His Own Words: A Brief Review of the Events Surrounding the Premature Release of MR4 Hatch
- 8-4 Charles “Pete” Conrad, Jr.
- 10-1 Neil Armstrong
- 10-2 Valentina Tereshkova: The First Lady of Space Remembers
- 11-1 Joseph Kerwin
- 12-3 Robert Crippen
- 13-1 The Yuri Gagarin Story...Using Words from the Cosmonaut, His Family, and Colleagues
- 13-3 Shannon Lucid
- 14-2 Joe Allen - A Scientist, Astronaut, and Entrepreneur Discusses His Career at NASA
- 14-3 Joe Allen - A Scientist, Astronaut, and Entrepreneur Discusses His 2 Shuttle Flights and Post-NASA Career

- 16-1 John Glenn: Pilot's Debriefing after the MA-6 Flight: From the USS Noa Recovery Vehicle
- 16-2 Michael Collins - Gemini X, Apollo 11
- 16-3 Gherman Titov: Cosmonaut Number Two
- 17-1 Ken Money: Man, Money, and the Moon: The Future of Space Exploration
- 17-1 Joe Engle: To Space with Stick and Rudder
- 17-2 Kathryn Sullivan
- 17-4 Edgar Mitchell
- 18:1 Reminiscences of Scott Crossfield
- 18-2 Soviet Gifts to Apollo by Duane Graveline
- 18-3 An Interview with John Blaha
- 18-4 An Interview with Ilan Ramon
- 19-3 Yang Liwei and Zhai Zhigang: China's Great Leap into Space
- 20-1 Ed Gibson: Skylab and Our Golden Era
- 20-4 Sally K Ride
- 21-2 Donald Peterson – MOL and STS-6
- 22-4 William "Pete" Knight
- 23-1 Vance Brand
- 23-2 Edgar Mitchell
- 23-2 Valery Ryumin
- 24-1 John Glenn

Oral Histories

- 1-4 Dennis Jenkins Interview: The Past, Present and Future of the Space Shuttle Program
- 2-1 Nancy Yasecko on "Growing Up with Rockets"
- 3-1 Milt Thompson
- 5-2 Scott Grissom: Life Without Dad
- 5-4 The Excluded: Hermann Oberth and Rudolf Nebel
- 6-3 Richard Nygren
- 7-1 Marlowe Cassetti
- 7-2 Guenter Wendt
- 7-3 Tasillo Romisch
- 7-4 General Bernard Schriever
- 8-1 Rodney Rose
- 8-2 Walter Mondale
- 8-3 Sen. Edwin Jacob "Jake" Garn
- 8-4 James A. Chamberlin: A Forgotten Leader of the U.S. Space Program
- 9-1 Alan Rochford
- 9-2 Colonel Thomas Haig
- 9-3 Owen Maynard: Lunar Module Pioneer from Canada
- 9-3 Walter Cronkite: Remembering the Space Race
- 9-5 Eilene Galloway
- 10-2 Edward Fendell
- 10-3 Joseph Wambolt - Principal Director, Aerospace Corporation
- 10-4 H. Morgan Smith (NASA Astronaut Survival Training School)
- 11-2 John Aaron: Gemini and Apollo Flight Controller
- 11-3 Dr. Bradford Parkinson, GPS
- 11-4 Neil Hutchinson (Space Station Program Manager)
- 12-1 Jay Honeycutt
- 12-2 Max Faget (A discussion on the Space Shuttle)
- 12-4 Robert Heselmeyer

- 13-1 Charles Matthew
- 13-2 Simon Ramo - The 'R' in TRW"
- 15-1 Konrad Dannenberg
- 15-2 Eberhardt Rechtin: Architect of the Deep Space Network
- 15-3 Robert C. Seamans, Jr - Decisions with Lunar Proportions
- 15-4 George M. Low - Gemini Program Decisions
- 15-4 Frank Buzard, Corona
- 16-1 Paul Calle, Artist
- 16-3 Chris Kraft - The Courageous Flight of Apollo 8
- 16-4 Joe Gavin Jr: Engineering a Vehicle for Another World
- 17-2 Robert McCall, Artist
- 17-3 Lt. Gen Forrest McCartney
- 17-4 Thomas Duxbury: Soviet Phobos and Mars 96 Missions
- 18-2 Gene Nora Jessen by Margaret Weitekamp
- 18-2 Reminiscences of Jerrie Cobb
- 19-2 My Life as a NASA Flight Controller by Cecil Bassham
- 20-1 George Mueller
- 21-1 Charles “Chuck” Friedlander: Former Chief of the Astronaut Support Office, Cape Kennedy
- 21-2 Legal Perspective: An Interview with Ed Frankle, NASA Chief Counsel
- 21-3 James Webb: Administrator of Exploration
- 21-4 George Paulikas, The Aerospace Corporation: Blending Science and Applications
- 22-1 Roger Easton, Navigating Time – GPS
- 22-2 Donald Peterson, MOL and STS-6
- 22-3 Roger Maurice Bonnet: Half a Century of European Space Science
- 23-3 Betty Skelton Frankman: The Fastest Woman on Earth
- 23-4 Jack Mullen: Solid Rocket Booster Recovery
- 24-2 Dr. Ruben Mettler, Getting Everyone to Orbit
- 24-3 Annette Hasbrook, One Mission in the Life of a Flight Director
- 24-4 Kenneth Pounds – X-Rays and Rockets, European Space Science

Biographies and Stories

- 2-2 A Pioneer of Space: Georgi Grechko's Story
- 5-2 David Lasser: Spaceflight Visionary
- 14-1 "'He Introduced the Word 'Cosmonautics': The Story of Ary Sternfeld, a Forgotten Space Pioneer" by Michael Gruntman
- 14-1 "Byron’s Story… A 50-Year Odyssey from Young Rocketeer to Auto Safety Expert" by Byron Bloch
- 16-4 An Ordinary Joe Lives His Dream When He Least Expected It by Joe Lennox
- 18-1 In Memoriam: Paul Calle by Andrew Chaikin
- 18-1 Ferenc Pavlics and the Lunar Rover by David Clow
- 18-3 Charlie Duke: Aim High or This is How to Light a Fire in the Jungle by Andy Green
- 18-4 John Bull: The Stellar Journey of a Test Pilot and ex-Astronaut by Colin Burgess
- 19-1 Rockets and the Red Scare: Frank Malina and American Missile Development 1936-1954 by James Johnson
- 19-1 Bumper 8: First Launch on Cape Canaveral by Roger Launius and Lori Walters
- 19-2 John Tribe: Tales of a Rocket Engineer
- 19-4 Monitoring the Earth from Space: An Oral history with Dr. John S. MacDonald by Barry Shanko
- 19-4 In Memoriam: Armstrong, Ride, McCartney by David Christopher Arnold
- 20-2 On Wings of Fire: Homer Bouchey and the First Rocket-Powered Flights by Colin Burgess
- 21-2 Neil Armstrong Remembered: One Small Friendship Remembered by Neil McAleer
- 21-4 The History and Legacy of Willy Ley’s “Rockets” [1944-1969] by Jared Buss

Military

- 1-3 START: Forging Some Swords into Plowshares
- 3-3 Project Adam: The Army's Man in Space Program;
- 7-2 Securing the High Ground: The Army's Quest for the Moon
- 8-2 Rashomon in Space: A Short Review of Official Spy Satellite Histories
- 8-3 Navy's Pioneering Venture into the Space Program
- 9-1 Political History of the Establishment of Air Force Space Command
- 9-2 History of the Military Polar Orbiting Meteorological Satellite Program
- 9-5 Reverse Salients in the Air Force Satellite Control Facility 1961-1965
- 10-1 Those Hollywood Spooks and Their Spying Machines - Spy Satellites in Film and Reality
- 11-3 "The NRO in the 21st Century: Ensuring Global Information Supremacy" by R. Cargill Hall
- 11-3 "A History of the United States Anti-Satellite Program and the Evolution to Space Control and Offensive and Defensive Counterspace," Robert Kilgo
- 15-1 "Earth Satellites: A First Look by the U.S. Navy" by R. Cargill Hall
- 15-4 "Reconnaissance and Prestige: Cold War Engines Driving the Creations of a Trinitarian American Space Program in the Early Space Age" by Mark Erickson
- 15-4 "Snooping on Space Pictures" by Henry Plaster, CIA
- 18:1 Space Support to Homeland Defense by Jerome Schroeder
- 18:1 Period of Adjustment, NASA, the NRO, and Earth Observation by Vance Mitchell
- 18-3 Organizing Space for the Warfighter by Haithe Anderson and Rick Sturdevant
- 18-4 Space Effects in Operation Iraqi Freedom by Rick Sturdevant and Haithe Anderson
- 20-2 Space Support to Operation Enduring Freedom by Richard Eckert and Kelly Ihme
- 20-4 Unknown Soldiers: American Microsats from 1960-2000 by Matt Bille
- 22-3 The National Multipurpose Space Station
- 23-2 Project World Series
- 24-4 DARPA’s Space History by Owen Brown, Fred Kennedy, and Wade Pulliam

Ballistic Missile Defense

- 6-2 A Falling Star: SAINT, America's First Anti-satellite System
- 7-1 Missile Defense Alarm: The Genesis of Space-based Infrared Early Warning
- 8-4 The Anti-Ballistic Missile Defense System
- 9-3 Forging America's Shield: Issues of National Missile Deployment
- 9-4 Space-related Strategic Defense in the Soviet Union, Part I
- 10-1 Red Bear on the Prowl - Strategic Warning in the Soviet Union, Part 2
- 10-4 Nike-Zeus' Thunder & Lightning: From Antiballistic Missile to Antiballistic Interceptor by Clayton Chun
- 12-1 "Safeguard - North Dakota's Front Line in the Cold War" - Gregory Bowen
- 14-1 "The ‘Star Wars” Which Never Happened - Part I by Konstantin Lantratov, Translated by Dr. Asif Siddiqi
- 14-2 "The ‘Star Wars” Which Never Happened - Part II by Konstantin Lantratov, Translated by Dr. Asif Siddiqi

Corona and Military Reconnaissance

- 4-2 CORONA: America's First Spy Satellite (Part I)
- 4-2 U.S. Reconnaissance Satellite Program Part I: Imaging Satellites
- 4-3 CORONA: America's First Spy Satellite (Part 2)
- 4-4 American Reconnaissance Satellites Part 2: Beyond Imaging
- 7-1 CORONA: A Program Profile
- 8-3 Re-Viewing the Earth: Remote Sensing and Cold War Clandestine Knowledge Production.
- 13-4 "An Interview with Frank Buzard Regarding Discoverer/Corona" by Robert Mulcahy
- 15-2 From the Archives: “Project Corona - Security in 1960”

- 16-4 "The Intelligence Agencies Help Find Whales: Civilian Use of Classified Overhead Photography under Project Argo" by James David
- 17-3 From U-2 to Corona: 50 Years Later by Francis Gary Powers Jr
- 17-3 An Interview with LtGen. Forrest McCartney
- 17-3 What we Officially Know: 15 Years of Satellite Declassification by Jeffery Charlston, NRO
- 17-3 Critical Issues in the History and Histiography of U.S. National Reconnaissance by David Waltrop, NRO
- 17-3 What Should Corona Photograph and How Often? By James David
- 17-3 Eisenhower's Domestic Perspective on WS-117
- 18-4 Remaining Film-era Intelligence Satellites Declassified by Jeffrey Charlston
- 19-3 An Undersea Ice Station Zebra: Recovering a KH-9 Hexagon Capsule from 16,400 feet below the Pacific Ocean by David Waltrop
- 24-3 The Hexagon KH-9 Spy Satellite by Phil Pressel

MOL Program

- Manned Orbiting Laboratory (MOL) Part 1
- Manned Orbiting Laboratory (MOL) Part 2
- 5-2 Manned Orbiting Laboratory (MOL) Part 3
- 22-2 Thirty Days in an MOL: Biomedically Relevant Aspects of a Reconnaissance Mission Inferred From Orbital Parameters" by John Charles and Daniel Adamo
- 22-2 An Interview with Donald Peterson, MOL and STS-6

International

China

- 5-3 China's Ancient Rockets
- 6-2 Development of China's Recoverable Satellites
- 19-3 National Prestige and Human Spaceflight: A Chinese Perspective by Liang Yao
- 19-3 Yang Liwei and Zhai Zhigang by John Vause: China's Great Leap into Space

International Programs

- 2-1 Diamant A and the First French Satellite
- 3-1 Poland's Meteor Sounding Rockets
- 6-4 A Hare Turned Tortoise: 40 Years of UK Space Policy
- 8-4 The Technical Evolution of the Europa Rocket
- 9-1 Evolution of the Indian Launch Vehicle
- 9-2 Australia: Spacefaring Under the Southern Cross
- 10-4 The Chapman Report and the Development of Canada's Space Program by Christopher Gainor
- 11-3 "The Turkish Space Program: Just a Beginning" by Incigul Polat-Erdogan
- 11-4 "Canadian Radarsat Program," by Howard Edel, Edryd Shaw, John Falkingham, William Jefferies, Dave Wilson, and Gary Borstad
- 12-2 "Heritage Sites of the U.S. Space Program in Australia" - by Dirk Spennemann and Linda Kosmer
- 12-4 "India's Remote Sensing Program" by Shubhada Savant and Sanithosh Seelan
- 13-4 "The AVRO Manned Blue Steel Rocket" by John Allen
- 18-4 From Shavit to Ofeq: A History of the Israeli Space Effort by Deganit Paikowsky
- 18-4 Reconstructing Ilan Ramon's Diary by David Brinn, updated by Sharon Brown
- 18-4 An Interview with Ilan Ramon by Gil Mann
- 20-2 Seeking Independence in Space: South Korea's Space Program (1958-2010) by Hyoung Joon An
- 20-3 International Mission Control: The European Space Operations Center by Michael Johnson
- 20-3 Galileo Rising: Historical Roots of European Satellite Navigation by Michael Gleason
- 20-3 An Interview with Raymond Orye: ELDO Europa and the Foundations of Ariane
- 22-2 Unequal Partners: Canadian, Japanese, and American Space Programs

- 22-3 Half a Century of European Space Science, An Interview by Roger-Maurice Bonnet by John Krige
- 22-4 Spaceport Woomera: The Anglo-Australian Vision of Woomera Rocket Range as Spaceport by Kerrie Dougherty

Sputnik

- 14-4 Sphere of Influence: The Sputnik Crisis and the Master Narrative by Roger Launius
- 14-4 The Sputnik Decision Revisited by Asif Siddiqi
- 14-4 Sputnik, Eisenhower, and the Formation of the U.S. Space Program by R Cargill Hall
- 14-4 Sputnik: The Human Story by Matt Bille and Erika Lishock
- 14-4 In Public and Behind Closed Doors: President Eisenhower and Sputnik by Howard Trace
- 14-4 Sputnik System Specifications
- 14-4 Media Accounts of Sputnik
- 14-4 Memorandum of Conference with the President

Russia

- 1-1 Salute to Salyut: A History of Soviet Space Station Programs;
- 1-1 More Russian Right Stuff: Commonwealth of Independent States Leaders Create New Space Program;
- 1-2 Russian Lifeboats for Space Station Freedom?
- 1-4 The Soviet Manned Lunar Program Revealed; The Soviet Manned Circumlunar Program
- 1-4 The N-1 and the Soviet Manned Lunar Landing Program
- 1-4 Chelomei's Alternative Manned Lunar Program
- 2-2 The Russian Space Support Fleet--A Sad End
- 2-2 Mothballed Potential: Energia & Buran
- 2-2 All Suited Up and No Place to Go: Soviet Lunar EVA Suit
- 2-2 More Data on the Soviet Manned Lunar Program
- 2-2 U.S. and Soviet Manned Lunar Landing Projects
- 2-3 The 1963 Soviet Space Platform Project
- 2-3 Semyorka Family Values
- 2-4 Soviet Manned Lunar Programs
- 2-4 Bye, Bye, Buran: Soviet Shuttle Made into Amusement Park Ride
- 3-1 Thirtysomething Vostok...
- 3-1 The NOTSNIK Program: The Top Secret Air-Launched Satellite Attempts of 1958
- 3-3 A Race to the Moon: The Flight of Luna 15
- 3-4 Mourning Star: The Nedelin Disaster
- 4-3 The Soviet Legacy of the V-2
- 5-3 Salyut 1 Experiments
- 5-3 "There It Is!" An Account of the First Dog's-in-Space
- 5-3 Mission Impossible: The Kidnapping of Lunik 5
- 6-1 Soyuz-Based Manned Reconnaissance Spacecraft
- 6-3 Soyuz-1 Revisited: From Myth to Reality
- 6-3 The Early Years of the Molniya Program
- 6-4 Yuri Kondratyuk: Stolen Past, Stolen Future?
- 7-1 Dragonfly: NASA and the Crisis Aboard Mir
- 7-3 U.S-Soviet/Russian Cosmos Biosatellite Program
- 7-4 Soviet Fractional Orbiting Bombardment Systems (FOBS): A Short Technical History
- 8-1 Elektron: The Soviet Response to Explorer
- 8-3 Ivan T. Kleimyonov: A Talented Organization
- 9-5 The Soviet Buran Space Shuttle

- 11-1 The Moon Race End Game, by Peter Pesavento and Charles Vick
- 11-2 The Moon Race End Game - Part II, by Peter Pesavento and Charles Vick
- 11-3 Letters to the Editor - Peter Pesavento and Charles P. Vick, "Recently Declassified US Documents Highlight Aspects of USSR Manned Lunar Landing Efforts
- 15-1 "The Failure of Cosmos 57: A Case History in Telemetry Analysis" by Frank Whitmire and Edward Correll
- 15-2 "The Kidnapping of the Lunik" by Sydney Finer
- 15-4 "Selection of Training of Soviet Cosmonauts" - Archives of the CIA
- 16-3 Gagarin's Last Flight
- 16-4 "Kosmic Konspiracy: How I Learned to Question the Evidence" by Joe Felice
- 18-1 Socks for the First Cosmonaut of Planet Earth by Michael Gruntman
- 18-1 The Tsiolkovsky Solar Probe by Philip Horzempa·
- 18-2 Soviet Gifts to Apollo by Duane Graveline
- 19-3 Managing the News: Analyzing TASS Announcements on the Soviet Space Program 1957-1964
- 21-3 American Intelligence on Soviet Missile Programs, 1945-1954 y Christopher Gainor
- 21-3 The RAMOS Pogram by Doran Baker
- 21-4 The Development of Fluorine-Based Rocket Engines in the USSR by Bart Hendrickx
- 23-2 Six Months Above the Planet by Valery Ryumin
- 23-3 Sputnik 3 Photographs from the 1963 World's Fair

Rockets and Launch Vehicles

X-Planes

- 1-4 The Problem of Re-entry and the X-17
- 3-1 The X-15 Spaceplane
- 3-1 X-15 Flight Log
- 3-1 Test Pilot Elite: An interview with Milt Thompson
- 3-1 The X-15 Experience: Milt Thompson Talks about Flying the X-15
- 3-1 In Search of X-15
- 3-4 Why the X-20 Program was Proposed
- 3-4 A Historical Overview of the X-20 Dyna-Soar Program
- 3-4 The X-20 Pilots, The X-20 Hardware and Technology
- 3-4 In the Hot Seat: The X-20 Cockpit
- 3-4 The X-20 Pressure Suit
- 3-4 Why the X-20 Program was Canceled
- 3-4 Dyna-Soar and the Development of the Titan III Launch Vehicle
- 11-4 "Risk Management in the X-Planes Era (D-558-II vs X-IA at Mach 2)," by Curtis Peebles
- 13-2 "Secret Boost Glider Projects of the Cold War - America's Winged Space Plane Studies of the 1950s"
- 13-3 "The Road to Mach 10: A History of the X-43A Test Program at NASA Dryden" by Curtis Peebles
- 13-4 "Secret Boost Glider Projects of the Cold War (part II)" by Dave Stern
- 14-1 "The Road to Mach 10 - A History of the X-34A Hypersonic Flight Test Program - Part II" - by Curtis Peebles
- 15-1 "Martin-Bell's Alternate 1958 Dyna-Soar I Studies Revealed" by Dave Stern
- 15-3 "America's Manned Scramble to Orbit - The Navaho and the X-15B Plan" by Dave Stern
- 17-1 Rogers Dry Lake Bed: The Role of Nature's Aerodrome in Spaceflight by Matt Berggren
- 17-1 An Interview with Joe Engle: To Space by Stick and Rudder
- 19-2 Chasing Theory to the Edge of Space: Development of the X-15 at NACA Langley by Robert Moyer/Mary Gainer
- 19-2 Super DynaSoar
- 19-3 NACA/NASA Research Aircraft and the Birth of Spaceflight by Curtis Peebles
- 22-4 An Interview with William "Pete" Knight: You Can't Just Build One
- 24-2 Dyna-Soar: What Might Have Been

V-2 Rocket

- 1-1 V-2 Ventures: A Look at Early U.S. Testing of the Infamous German Rocket;
- 4-3 The Soviet Legacy of the V-2
- 10-2 Defending Against Hitler's Vengeance - The U.S. Army and the V-2 - by Clayton Chun
- 13-1 "The A4 Rocket - The March 1946 Interrogation of Wernher von Braun by Lt. Commander Robert Truax
- 15-2 "Utilization of the V-2 (A-4) Rocket in Upper Atmosphere Research" by Charles Green
- 15-2 "Broomstick Scientists: Personal Recollections of the Army V-2 Program" by Arnie Crouch
- 15-2 "A-4 Across Germany: Tracing Development of the A-4 (V-2) in Present Day Germany" by Dr. Andrew Thomson
- 19-1 Bumper 8: First Launch on Cape Canaveral by Roger Launius and Lori Walters
- 23-3 The Lost film of AV-4 by Rob Manning
- 23-3 Alternate Paths of Paperclip: Fritz Pauli and Transnational Knowledge Transfer by Brian Odom

Titan

- 1-3 Top Secret Titan and Atlas Revealed.
- 1-4 Titan III & IV
- 3-4 Dyna-Soar and the Development of the Titan III Launch Vehicle
- 7-1 Titan II: Sword and Plowshare
- 7-2 Titan II: Research and Development, Part II
- 7-3 Titan II: Space Launch Vehicle Program, Part III

Atlas

- 1-3 Top Secret Titan and Atlas Revealed.
- 2-2 Unique Atlas-Agena Configurations
- 2-3 ALSO: Air-Launched Sounding Rocket, The Anonymous Atlas H.
- 8-2 A Brief History of the Atlas Rocket, Part I
- 8-3 A Brief History of the Atlas Rocket, Part II
- 8-4 A Brief History of the Atlas Rocket Vehicle, Part III
- 9-4 Atlas-Vega: Early NASA Launch Vehicle Development
- 21-1 Atlas vs. a Ford Galaxie: Ground Handling Incidents in the Cold War Era by Joel W. Powell
- 24-3 Atlas “Crime Scene” Photographs Revealed by Joel Powell
- 24-3 Atlas 500: A Tale of Two Rockets by Joel Powell

Saturn

- 3-1 Three Saturn Vs: A Look at the Remaining Saturn V Hardware
- 3-3 Celebrating Apollo at Home: A Look at the Various Model Kits Produced of the Saturn V
- 5-2 Clusters Last Stand: The Saturn 1
- 5-3 The Hybrid Saturn: Saturn IB
- 9-1 "Lights, Camera, Action: Camera Capsules and the Saturn Launch Vehicle
- 9-4 Effects of a Saturn V Launch Pad Explosion
- 16-2 Saturn Launch Options: A Bellcomm Report
- 17-4 Saturn I Guidance and Control Systems
- 21-1 Navigation, Guidance, and Control of a Saturn Rocket and its Predecessors (Part I) by Ed Durbin
- 21-2 Navigation, Guidance, and Control of a Saturn Rocket and its Predecessors (Part II) by Ed Durbin
- 22-3 The Ring That Ruled Them All: The Saturn V Instrument Unit and the Development of Automated Spaceflight by Nick LaCasse

NOVA

- 1-3 They Might Be Giants: A History of Project NOVA 1959--1964 Part I
- 2-1 They Might Be Giants: A History of Project Nova 1959--1964 Part II
- 2-2 They Might Be Giants: A History of Project Nova 1959--1964 Part III

Other Vehicles

- 2-1 Diamant A and the First French Satellite
- 2-1 The Navaho XSM-94 Missile.
- 2-2 Scuds for Science: The V-11-A
- 2-4 The Viking Rocket: Filling the Gap
- 3-1 A History of Air-Launched Space Vehicles
- 3-3 The Secret Life of the Redstone Missile.
- 4-1 The Rockets of GIRD
- 4-2 Thor-Able: America's First Moon Rocket
- 4-4 "The Origin of the Rocket-Propelled Spaceship
- 4-4 An Illustrated Chronology of the First Experiments in Space Rocketry
- 4-4 Rockets Red Glare: From Bird Watch Hill
- 5-2 The Past Revisited: An Unpublished Account Goddard's Pump-fed Rockets
- 5-4 Time Stood Still After Delta II Explosion
- 6-1 The Evolution of Large Solid Propellant Rocketry in the United States
- 6-1 The Curious Case of Draco and the "Secret" Cape Canaveral Launches of 1959
- 7-1 The French Diamant Rockets
- 7-3 Program 437: Thor's Hammer Strikes, Part I
- 7-4 Program 437: Thor's Hammer Strikes, Part II
- 8-1 The Race to Valhalla: Launching the First Earth Satellite
- 8-3 From Sea to Space: Evolution of the Sea-Based Launch Concept (Traux Engineering)
- 8-3 Conestoga I
- 8-4 The Technical Evolution of the Europa Rocket
- 9-1 Evolution of the Indian Launch Vehicle
- 10-4 Nike-Zeus' Thunder & Lightning: From Antiballistic Missile to Antiballistic Interceptor by Clayton Chun
- 11-1 Launch Vehicles and the Development of Systems Engineering
- 12-3 "Launch Vehicle Human Rating Before the Space Shuttle" by T Harold Robertson
- 13-4 "The AVRO Manned Blue Steel Rocket" by John Allen
- 13-4 "The Pioneer Rocket" by Gideon Marcus
- 14-2 "Pioneering Space" by Gideon Marcus
- 15-1 "The ORDCIT Project at JPL (1943 - 1946) America's First Long Range Missile and Space Exploration Program" by Frank Malina
- 15-2 "The B-9 Incident: Why Did an Atlas Rocket Explode Without Warning"
- 17-4 In Memorium: Robert Truax
- 19-1 Rockets and the Red Scare: Frank Malina and American Missile Development 1936-1954 by James Johnson
- 20-1 Launch Pads, Gantries, Shelters, Coffins, Silos, TELs, and Bunkers by Col. Charlie Simpson
- 20-3 An Interview with Raymond Orye: ELDO Europa and the Foundations of Ariane
- 21-4 The Development of Fluorine-Based Rocket Engines in the USSR by Bart Hendrickx
- 22-1 Future Progress of Space Transportation (1970) by Charles Matthews
- 22-4 The Cuban Cow-Killing Rocket by Joel Powell
- 22-4 The Ithacus Rocket: Delivering 1200 Men Anywhere on Earth in 45 Minutes
- 23-4 The Liberty's Stinger Traveling Road Show by Joel Powell
- 24-2 Origin Story: The Navaho Display Missile at Cape Canaveral by Joel Powell
- 24-4 Thor 149: A Moment Frozen in Time by Joel Powell

NASA Human Space Flight Programs

- 18-2 The Lovelace Women by Margaret Weitekamp
- 18-2 Reminiscences of Jerrie Cobb
- 18-4 Language Protocols in International Human Spaceflight by Megan Ansdell
- 21-1 Rethinking the Overview Effect by Jordan Bimm
- 23-1 NASA's Lessons Learned in Long Duration Spaceflight: The Shuttle-MIR Program by Zack Hester
- 23-1 Vance Brand: Apollo-Soyuz Seeds of International Cooperation

Mercury / Gemini

- 2-3 The Hunt for Liberty Bell 7
- 2-3 Land Landings for Gemini: NASA's Paraglider Program
- 2-4 Mercury Atlas 10: A Mission Not Flown
- 5-1 30th Anniversary of the World's First "Prox Ops"
- 7-4 Liberty Bell 7, This is Hunt Club 1
- 7-4 The Future of Liberty Bell 7
- 17-1 Survival after Decompression to a Vacuum by John Billingham
- 19:1 Images from the Archives: Gemini Memories
- 19:1 Congratulations and Good Luck from the Prime Launch Team
- 21-1 An Interview with Charles "Chuck" Friedlander: Former Chief of the Astronaut Support Office, Cape Kennedy
- 21-2 Gemini 8 by Larry Merritt
- 23-4 The Space Race's Middle Child: How the New York Times Framed the Achievements of NASA's Project Gemini, 1961-1966 by Jeffrey Riley

Apollo 1

- 5-4 Apollo One: A Memorial Ceremony
- 5-4 Tracing Apollo One: A Spacecraft Chronology
- 9-5 The Tragic Story of Apollo 1
- 12-1 "A Day in the Life of the NASA Astronaut Corps - January 27, 1967" by John Charles
- 18-3 Thoughts on the Apollo 1 Fire by Rick Mulheirn

Apollo 11

- 3-3 Apollo 11 at 25
- 13-1 "Taking the First Step: Science on Apollo 11" by Christopher Gainor
- 16-2 Commemorative Medals and Apollo 11 Symbolism by Dr. Margaret Weitekamp

Apollo 13

- 4-1 Houston, We've Had A Problem (The Mission of Apollo 13)
- 4-1 E Pluribus Unum: Apollo 13 and American Unity
- 4-3 A Piece of the Action: An Exhibit on the Making of APOLLO 13
- 4-3 "Houston, We Have a Problem": A Nitpicker's Guide to APOLLO 13 the Movie
- 4-3 Read More About It: Books on Apollo 13
- 4-3 The Real Thing: Original Apollo 13 hardware on display

Apollo Program

- 1-1 Getting a Piece of the Rock: NASA's Lunar Sample Education Program.
- 1-4 Destination Moon: U.S. and Soviet Manned Lunar Hardware Compared
- 2-1 Rocket Men In Their Rocket Ships: The Astronauts and Their Corvettes
- 3-3 "It's Time to Go" A Salute to Apollo

- 3-3 Spider Talk: Builders of the LM Reunite for 25th Anniversary
- 3-3 Project Apollo Bibliography of Books
- 3-3 The German Space Pioneers: An Interview with Marsha Freeman
- 3-3 Moon Men: Interview with Andrew Chaikin author of “A Man on the Moon: The Voyages of the Apollo Astronauts"
- 4-3 Mighty Moon Machine Hits the Big Screen: Modeling the Saturn V for the Movies
- 4-4 Preserving Moon Rocks
- 4-4 Apollo's Top Ten Discoveries
- 4-4 Viewing Moon Rocks
- 4-4 Dusting Off the Moon Machines
- 6-1 Buzz Aldrin's Return to Earth: The Astronaut and Social Values in Apollo-Era America
- 6-2 Before the Fire: NASA's Plans for Apollo
- 6-2 Training for Lunar Landing: The LLRV and LLTV
- 6-4 Why "Apollo 1?" The Numbering of Apollo Missions
- 8-4 The One-Way Manned Mission to the Moon
- 8-4 E and E-Prime - The Forgotten Apollo Missions
- 9-1 Apollo-Soyuz Test Project: "In Tune" with Détente
- 9-2 The First Apollo 2: Operations Planned for "The Leaping Green Frog"
- 10-2 Slayton's Unexpected Orders - by John Charles
- 10-4 A Pinpoint on the Ocean of Storms: Finding the Target for Apollo 12 by David Clow & Ewen Whitaker
- 12-1 Photo Book Review -- "Building Moonships - The Grumman Lunar Module"
- 12-2 "Recollections of Max Faget: Colleague, Mentor, and Friend" by Dr. Joe Allen
- 12-3 "Apollo Panoramas" by Mike Constantine
- 12-4 "Apollo and the Origin of the Moon" by Christopher Gainor
- 13-1 "Reliability in the Apollo Program" by Yasushi Sato
- 13-4 "Convair's Apollo Lunar Excursion Module Proposal - The Forgotten LEM" by Paul Carsola
- 14-2 "'How to Land Next to a Surveyor: Bill Tindall and the Apollo Pinpoint Lunar Landing" by Andrew Baird
- 15-1 "The Lunar Exploration Scrapbook: A Pictoral History of Lunar Vehicles" by Rober Godwin, Apogee Books
- 16-1 The Apollo-Soyuz Test Project: Detente and the Cold War
- 16-2 The Man in the Moon will be Your Husband by Fifi Booth
- 16-2 Political and Technical Aspects of Planting a Flag on the Moon by Annie Platoff
- 16-2 Teaching Geology to Astronauts by Gary Lofgren
- 16-2 Apollo: A Young Engineer's Perspective
- 16-2 The Apollo Era: Working at NASA Marshall in the 1960s
- 16-2 Movie Review: Orphans of Apollo, A Michael Potter film
- 16-3 Picturing Apollo: Illustrated Histories Commemorating the Moon Landings by Roger Launius
- 16-3 Seeing Earth: A New Look at the Apollo 8 Earthrise Photograph by Jennifer Levasseur
- 16-4 "The Elusive Human Maximum Altitude Record" by Daniel Adamo
- 18-1 Ferenc Pavlics and the Lunar Rover by David Clow
- 18-2 Apollo 11: Behind the Scenes in the Nixon White House and the Speech He Didn't Have to Give
- 18-2 Charlie Duke: Aim High or This is How to Light a Fire in the Jungle by Andy Green
- 19-1 Congratulations and Good Luck from the Prime Launch Team
- 19-2 My Life as a NASA Flight Controller by Cecil Bassham
- 19-4 Boeing's Proposed LEM by Paul Carsola
- 21-4 Neil Armstrong: A Salute to Apollo 12
- 22-1 Détente and Dissent: Apollo Soyuz, Ruth Bates Harris, and NASA’s Rhetoric of Cooperation
- 22-1 Comparing the U.S. and Russian Programs (1970) by George M. Low
- 23-1 The Apollo 12 Lightning Incident
- 23-2 The Evolutionary Role of the Astronaut from Apollo1 to Apollo 8 by Eric Pearson
- 23-3 The Moonwalkers Who Could Have Been by Douglas Oard

Skylab

- 5-4 Skylab B Unflown Missions, Lost Opportunities
- 9-3 Chicken Little was Right: The Sky(lab) is Falling Down
- 20-1 Skylab and Our Golden Era by Ed Gibson

Space Station

- 13-3 "The Space Station: A Laboratory for Policy Sustainment" by Jeff Bingham
- 13-3 "The Changing Purpose of the Space Station" by James Vedda
- 22-2 Unequal Partners: Canadian, Japanese and American Space Programs by Michael Bouchey

Space Shuttle

- 5-3 Shannon Lucid's 188 Days in Space
- 7-2 Revisiting the Challenger
- 9-5 The Soviet Buran Space Shuttle
- 10-3 A History of the Development of the Space Shuttle's Thermal Protection System 1970-1981 - by Brian Woods
- 12-1 "An Interview with Jay Honeycutt" by Rebecca Wright
- 13-1 "'Mr. Inside' the Rogers Commission: Neil Armstrong's Engineering Style of Analysis in the Space Shuttle Challenger Investigation" by Dr. James Hansen (author of First Man)
- 13-2 "The Space Shuttle: 25 Years On (What Does It Mean to Have Reusable Access to Space)" by Dr. Roger Launius
- 14-3 "Truth, Lies, and O-Rings: The Real Story of the Challenger Accident" by Allan McDonald and James Hansen
- 18-4 Reconstructing Ilan Ramon's Diary by David Brinn, updated by Sharon Brown
- 18-4 An Interview with Ilan Ramon by Gil Mann
- 19-1 Thoughts on the Space Shuttle's Final Flight
- 23-4 Jack Mullen: Solid Rocket Booster Recovery

Space Suit

- 2-2 All Suited Up and No Place to Go: Soviet Lunar EVA Suit
- 9-5 Space Suit Backpacks: U.S. Space Portable Life Support Systems
- 12-1 "The Apollo Moon Program at Hamilton Standard" by Harvey Smith
- 21-2 What Really Happens When a Spacesuit Fails by Cathleen S. Lewis

Robotic Programs and Science

Animal Test Programs

- 5-3 "There It Is!" An Account of the First Dog's-in-Space
- 17-1 The Animal Test Program: The MR-2 and MA-5 Flights
- 20-4 Primate Lives in Early American Space Science by Jordan Bimm

Exploration / Science

- 1-3 Crashing Success: An Overview of Project Ranger
- 1-4 From Heaven to Hell: The Pioneer Venus Story
- 2-4 A Survey of Surveyor: A Look Back at America's Robotic Lunar Landing Program
- 5-1 A History of the Project Galileo Part 1
- 5-1 EPCOT, NASA and Plant Pathogens in Space
- 5-4 Eight Eyes on Hubble
- 6-3 "Not Too Wild a Dream": NASA and the Quest for Life in the Solar System
- 7-4 Pathfinding the Rings: The Pioneer Saturn Trajectory Decision
- 8-1 The Robot Explorers of Venus, Part I
- 8-2 The Robot Explorers of Venus, Part II
- 8-3 The Robot Explorers of Venus, Part III
- 9-4 Pioneering the Solar System and Beyond
- 11-4 "Rise of the Machines-Telerobotic Operations in the U.S. Space Program" by Savan Becker
- 12-2 "The Solar System from Earth Orbit" - by Howard Trace
- 12-3 "Astro Projection: Virtual Reality, Telepresence, and the Evolving Human Space Experience" by Savan Becker
- 13-2 "Saturn Observations: Four Hundred Years of Viewing the Planet" by Matt Berggren
- 14-2 "Deep Space 1: A Revolution n Space Exploration" by Erik Conway and Mirella Flores
- 14-3 "Mission to Planet Earth: NASA's Earth Science Program" by Edward Goldstein
- 14-3 - "Pioneering Space, Part II" by Gideon Marcus
- 15-3 "Astrobiology & Robotic Lunar/Planetary Exploration" by Yasushi Sato
- 17-3 An Interview with Thomas Duxbury: The Soviet Phobos and Mars 96 Missions
- 17-4 Showing the Way: NASA, the NRO, and the Apollo Lunar Reconnaissance Program 1963-1967 by Vance Mitchell
- 18-1 The Tsiolkovsky Solar Probe by Philip Horzempa
- 18-2 History of Zero Gravity Countermeasures by Duane Graveline
- 19-1 Earthbound Pioneer (Explorer 6) by Gideon Marcus
- 20-1 More Details on NASA's Lunar Reconnaissance Program by Philip Horzempa
- 20-4 Flying in Deep Space: The Galileo Mission to Jupiter, Part I, by David Clow
- 21-1 Flying in Deep Space: The Galileo Mission to Jupiter, Part II, by David Clow
- 21-2 Success and Failure in Space Astrometry: HIPPARCOS and FAME
- 21-4 George Paulikas, The Aerospace Corporation: Blending Science and Applications
- 24-4 European Space Science – An Interview with Kenneth Pounds

Mars

- 5-4 The Greatest Story on Planet Mars
- 7-2 Mars-69: The Forgotten Mission to the Red Planet
- 17-4 An Interview with Thomas Duxbury: The Soviet Phobos and Mars 96 Missions
- 20-1 Seven Minutes of Terror in the Pasadena Convention Center--Waiting for Touchdown of the Mars Science Lab by David Clow
- 22-1 The Mars Mission That Never Was: Thomas Paine and the Push to Go To Mars
- 23-1 The Next Frontier: The Origins of Mars in Modern Space Science

Hubble Space Telescope

• 17-2 A Brief History of the Hubble Space Telescope
• 17-2 An Interview with Kathryn Sullivan
• 17-2 The Hubble's Anniversary by Elizabeth Kessler
• 17-2 Reflections of Hubble: Twenty Years and Counting by Hayman Tam
• 24-2 The Hubble Space Telescope in Cyberspace by Christopher Gainor

Remote Sensing & Earth Monitoring

• 8-3 Re-Viewing the Earth: Remote Sensing and Cold War Clandestine Knowledge Production.
• 10-3 The Green Hills of Earth - Views of the Earth as Described by Astronauts & Cosmonauts - by Colin Fries
• 11-4 "Canadian Radarsat Program," by Howard Edel, Edryd Shaw, John Falkingham, William Jefferies, Dave Wilson, and Gary Borstad
• 12-1 "Landsat - An Integrated History" by James Allen and Shanaka de Silva
• 12-4 "A Brief History of Commercial High-Resolution Satellite Remote Sensing" by Incigul Polat-Erdogan
• 12-4 "India's Remote Sensing Program" by Shubhada Savant and Sanithosh Seelan
• 18:1 Period of Adjustment, NASA, the NRO, and Earth Observation by Vance Mitchell
• 19:4 Monitoring the Earth from Space: An Oral History with Dr. John S MacDonald by Barry Shanko
• 23-2 What Kind of Landsat-D Ground Station Can We Export to China?
• 24-4 Farming from Space: Landsat and the Development of Agricultural Surveillance during the Cold War by Brian Jirout

Technology

- 6-2 Craft or System? The Development of Systems Engineering at JPL
- 6-3 U.S. Spacecraft Nuclear Power Systems: Past, Present and Future
- 8-2 The Psychological and Social Effects of Isolation on Earth & Space
- 9-4 Calculating Women: A Brief History of the LRWE/WRE Computing Team
- 9-4 Computer Use During the Early Manned American Space Missions
- 11-1 Launch Vehicles and the Development of Systems Engineering
- 12-3 "Launch Vehicle Human Rating Before the Space Shuttle" by T Harold Robertson
- 13-2 "Cosmic Radiation Pioneers" by Duane Gravelin MD, David Simons MD, and Marcelo Vazquez MD
- 16-3 Atomic Power in Space: A History
- 17-4 Deep Space Navigation: The Apollo 8 Mission
- 17-4 Saturn I Guidance and Control Systems
- 20-1 The Burroughs Atlas ICBM Guidance Computers by Anthony Young
- 20-3 What's Disrupting Our Satellite Operations? NASA, the Intel Community and RF Interference by James David
- 21-1 Navigation, Guidance, and Control of a Saturn Rocket and its Predecessors (Part I) by Ed Durbin
- 21-2 Navigation, Guidance, and Control of a Saturn Rocket and its Predecessors (Part II) by Ed Durbin
- 22-3 The Ring That Ruled Them All: The Saturn V Instrument Unit and the Development of Automated Spaceflight by Nick LaCasse
- 23-1 The Beginnings of Research in Space Biology and the Air Force Missile Development Center, Holloman AFB 1946-1952 by David Bushnell
- 24-3 Navigation for Apollo by Edgar Durbin

Operations

- 10-4 History of Human Spaceflight Mission Operations by Ken Peek
- 20-3 International Mission Control: The European Space Operations Center by Michael Johnson
- 24-3 Plan, Train, Fly—One Mission in the Life of a Flight Director, by Annette Hasbrook

GPS

- 6-4 GPS & Beyond: How the Aviation Industry is Advancing the Usefulness of GPS
- 11-3 "A Look into the History of American Satellite Navigation," by Chris Banther
- 11-3 Interview with Dr. Bradford Parkinson (the creator of GPS) by Stephen Strom
- 14-3 "TIMATION and the Invention of GPS 1964-1973" by Richard Easton
- 20-3 Galileo Rising: Historical Roots of European Satellite Navigation by Michael Gleason
- 22-1 An Interview with Roger Easton, “Navigating Time”

Policy / Media / Culture / Museums / Archives

Policy

- 1-3 Sputnik: The Shot Heard Around the World
- 4-4 Interagency Rivalry: NASA, The Air Force and MOL
- 6-3 The Icarus Paradox: Air Force Doctrine and Space Technology
- 6-4 A Hare Turned Tortoise: 40 Years of UK Space Policy
- 7-2 Multiple Means to an End: A Reexamination of President Kennedy's Decision to Go to the Moon
- 7-3 Back Down to Earth: A Look Back at Space During the Carter Administration
- 14-4 "Sphere of Influence: The Sputnik Crisis and the Master Narrative" by Roger Launius
- 14-4 "The Sputnik Decision Revisited" by Asif Siddiqi
- 14-4 "Sputnik, Eisenhower, and the Formation of the United States Space Program" by R. Cargill Hall
- 14-4 "Sputnik: The Human Story" by Matt Bille and Erika Lishock
- 14-4 "In Public and Behind Closed Doors: President Eisenhower and Sputnik" by Howard Trace
- 16-1 The Politics of Apollo during the Kennedy Administration
- 18-2 Moonglow: Space Diplomacy in the Nixon Administration by Steve Wolfe
- 18-2 Apollo 11: Behind the Scenes in the Nixon White House and the Speech He Didn't Have to Give
- 20-1 Explorers We? The Making, Unmaking, and Public Involvement Legacy of NASA's Spaceflight Participant Program by Amy Paige Kaminski
- 20-2 John F. Kennedy and the 'Right Stuff' by John Logsdon
- 20-4 Competing at Cooperation: Propaganda of Soviet and American Space Programs 1981-1986 by Anthony Shaw
- 21-1 Rethinking the Overview Effect by Jordan Bimm
- 21-2 Legal Perspective: An Interview with Ed Frankle, NASA Chief Counsel
- 21-3 The Promise and the Threats of Satellite Capabilities: IGY Scientific Communities and the Prehistory of TIROS by Angelina Long Callahan
- 22-1 Mars Mission that Never Was: Thomas Paine and the Push to Go to Mars
- 22-1 Comparing the U.S. and Russian Programs (1970) by George M. Low

Media

- 9-3 Remembering the Space Race with Walter Cronkite
- 14-4 Media Accounts of Sputnik
- 16-1 How CBS News Televised Early Space Achievements: Mercury & Gemini
- 16-4 An Interview with Bruce Hall: Reporting Triumph & Tragedy in the Space Shuttle Program
- 19-3 Managing the News: Analyzing TASS Announcements on the Soviet Space Program 1957--1964
- 24-2 How to Get Spaceflight Information in East Germany? A Historical Source Review
- 24-3 From *Countdown* to *Liftoff*—The History of *Quest*, Part I
- 24-4 The History of *Quest*, Part II – The University of North Dakota Years 1997-2005

Culture

- 2-1 NASA's Hot Rods: Souped-up Coupes Served Role in space race
- 2-3 “The Right Stuff, The Wrong Story: A Hollywood History” Blurs the Truth Behind America’s Second Manned Spaceflight
- 2-4 Money Talks in Russia
- 2-4 The Russian Space Auction at Sothebys in New York
- 6-1 Buzz Aldrin's Return to Earth: The Astronaut and Social Values in Apollo-Era America
- 7-1 Space and the American Imagination.
- 8-1 Space Age Legends: Urban Folk Tales Collected by the NASA Headquarters History Office
- 9-3 Space Age Milestones Celebrated in Music
- 10-2 Collecting Literature in the Space & Rocket Fields, Part I - by Frederick Ordway
- 10-2 Sports Milestones in Space - by Colin Fries

- 10-3 Collecting Literature in the Space & Rocket Fields, Part II & III - by Frederick Ordway
- 11-1 Traditions of the Space Age, by Colin Fries
- 11-3 "Will it Go 'Round in Circles? A Colorful Mosaic of Art Flown in Space." by Colin Fries
- 12-4 "Got Filk? - Lament for Apollo in Modern Science Fiction Folk Music" by Roger Launius
- 12-4 "Charles Lindbergh's Flight into Space-Sculpture Taking Aboard SpaceShipOne" by Colin Fries
- 13-4 "A Hit or a Myth: Critiques of the Space Race in Popular Recordings" by Apollo C. Vignette
- 14-1 "The Birth and Early Rise of "Astronautics: The REP-Hirsch Astronautical Prize, 1928-1940" By Frank H. Winter
- 14-3 "Sci-Fi and the Mobilization of Youth in the Cold War" by Larry Owens
- 15-4 "Selling Symbol & Science: Sputnik and the NASA Office of Public Information" by Kristen Starr
- 17-4 Earthshine Fading: Collecting the Space Race by David Clow
- 18-1 In Memoriam: Paul Calle by Andrew Chaikin
- 19-4 The Three Heroes of Spaceflight: Rise of the Tsiolkovskii-Goddard-Oberth Interpretation and its Current Validity by Michael Neufeld
- 19-1 How General Dynamics Integrated the Cape by Tom Leech
- 21-2 Disney and von Braun by Mike Wright
- 22-1 Détente and Dissent: Apollo Soyuz, Ruth Bates Harris, and NASA's Rhetoric of Cooperation
- 22-4 Controlling Men: Masculinity, Technology, and the Discourse of Early American Spaceflight by Erinn McComb
- 23-4 Art from the Inside: NASA Mission Insignia and Patches
- 24-1 The NASA Art Program: Technology, Art, and Contested Visions of Progress, 1962-1973

Museums & Archives

- 1-1 From the Sea to the Stars: New Air & Space Museum Opens in Virginia;
- 1-3 Space Center Houston
- 2-1 New Apollo/Saturn V Museum to be Built at KSC
- 3-3 Atlas Shrugged: Future of Historic Monument Up in the Air
- 4-2 Mercury 7 Monument
- 6-1 Interview with Martin Caidin; Air Force Space Command History Office (HQ AFSPC/HO) Archives
- 6-2 The Johnson Space Center Oral History Project
- 6-2 Kansas Cosmosphere and Space Center
- 6-3 European Space Agency Archives
- 6-4 The Titan Missile Museum National Historic Landmark
- 7-1 Exhibiting the Space Race -- The Newseum Exhibit
- 7-2 U.S. Space and Rocket Center Archives
- 7-3 JPL Archives: Preserving the History of JPL
- 7-4 Hanger 9 -- Edward White II Memorial Museum: Making the Transition from Air to Space
- 8-1 Space Business Archives
- 8-2 The Foundation of the Max Planck Institute for Extraterrestrial Physics & Roots of West German Space Research
- 8-2 Neil Armstrong Air & Space Museum
- 8-3 Smithsonian Breaks Ground for New Facility
- 8-4 Astronautics in the Deutsches Museum
- 9-2 Archival Records of the NASA Ames Research Center
- 9-3 The Astronaut Hall of Fame
- 9-4 The National Space Centre
- 10-1 The Air Force Space Museum
- 10-2 The Russia and U.S. Library of Space Science & Exploration
- 11-1 Exhibit: Space: A Journey to Our Future
- 13-2 "Saving a Saturn V - A Case Study in Artifact Preservation" by Allan Needdell
- 13-4 "The Herman Potocnik Noordung Memorial Centre" by Goran Jovic

- 18-3 Documenting the Cold War through Artifacts by Thomas Lassman
- 23-4 Patriot's Park: New Russian Space Hall
- 24-1 Two Cape Canaveral Space History Museums
- 24-3 The USS *Hornet* Museum

Regional Space Histories

- 1-2 Spaceport Michigan: When Rockets Flew from the Great Lakes State
- 6-2 Godspeed and War Eagle: Auburn University's Astronautical History
- 6-4 Walter Orr Roberts and the Development of Boulder, Colorado's Aerospace Community
- 12-3 Outerspace Exploration from Utah: Leon Linford and Rocket Science by Doran and Kay Baker
- 18-3 Oran Nicks and the Evolution of space research at Texas A&M by Mitch Bauer

Commercial Space

- 8-3 Conestoga I: Emergence of the New Pioneers
- 8-4 External Tank Applications: A Brief Overview and Current Status Report
- 9-1 Space, Energy & Crisis
- 9-1 The Industrial Space Facility
- 9-2 Australia: Spacefaring under the Southern Cross
- 9-3 Early History of Satellite Insurance
- 9-4 History of Commercialization of Manned Space in Europe
- 10-4 A Commercial Communications Satellite Timeline by Scott Sacknoff
- 12-2 "Getting into the Launch Business - The American Rocket Co Story" - George Koopman
- 14-1 "An Interview with Satellite Communications Pioneer Sajjad Durrani" by Michael Geselowitz
- 15-2 "The Crescent Engineering & Research Company"
- 15-2 Statistics & Economics: Human Spaceflight Program Costs in the 1960s
- 15-3 "General Electric: Early Space Age Adventures" by Roy E. Anderson
- 16-2 A Legacy of Service and Corporation: ARCAS by Dr. Roy Houchin II
- 19-4 Telstar: The First Communications Satellite -- 50 Years since Launch by David Whalen
- 19-4 Monitoring the Earth from Space: An Oral History with Dr. John S MacDonald by Barry Shanko
- 20-3 Galileo Rising: Historical Roots of European Satellite Navigation by Michael Gleason
- 20-3 An Interview with Raymond Orye: ELDO Europa and the Foundations of Ariane
- 21-4 William Gaubatz and the DC-X, DC-XA, Delta Clipper
- 22-2 The Early Bird Decision: 50 Years Later by David Whalen
- 22-3 Geostar: The Rise and Fall of a Satellite Communications Pioneer
- 23-2 Astronaut Salesmen: Selling Savings Bonds in the Age of Historic Spaceflight
- 24-1 On Course to Tomorrow: A History of Lear Siegler Instrument Division's Manned Spaceflight Systems, 1958-1981 by Glen Swanson
- 24-1 The Short Life of Akjuit Aerospace and SpacePort Canada

Miscellaneous

- 1-2 The 'Meatball' Is Back!: A Look at the Origins of NASA Insignias and Crew Patches
- 1-3 More on the 'Meatball'
- 11-4 "Chronicling Space Adventures in Space History" by Matt Billie with Erika Lishock