



Smithsonian

National Air and Space Museum

Jacques Tiziou Space Collection

Isaac Middleton and Melissa A. N. Keiser

2019

National Air and Space Museum Archives
14390 Air & Space Museum Parkway
Chantilly, VA 20151
NASMRefDesk@si.edu
<https://airandspace.si.edu/archives>

Table of Contents

Collection Overview	1
Administrative Information	1
Biographical / Historical.....	1
Scope and Contents.....	2
Arrangement.....	2
Names and Subjects	2
Container Listing	4
Files, (bulk 1960-2011).....	4
Photography, (bulk 1960-2011).....	25

Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Jacques Tiziou Space Collection
Date:	(bulk 1960s through 2010)
Identifier:	NASM.2018.0078
Extent:	146 Cubic feet (204 boxes)
Language:	This collection is in English, French, Russian, Italian, Dutch, German and Portuguese.
Summary:	Jacques Tiziou (1939-2017) was a professional journalist and photographer, concentrating on aerospace topics. This collection includes materials from Tiziou's archive of historical documents, photography, and ephemera from the space program (both national and international) as well as his own photography and writings.

Administrative Information

Acquisition Information

Jacques-Jean Tiziou, Gift, 2018, NASM.2018.0078.

Processing Information

Arranged, described, and encoded by Isaac Middleton, 2019.

Preferred Citation

Jacques Tiziou Space Collection, Acc. 2018.0078, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access

Conditions Governing Use

Material is subject to Smithsonian Terms of Use. Should you wish to use NASM material in any medium, please submit an Application for Permission to Reproduce NASM Material, available at [Permissions Requests](#) .

Biographical / Historical

Jacques Tiziou (1939-2017) was a professional journalist and photographer, concentrating on aerospace topics. Born in Montélimar, France, he began his career while still a teen as a freelance journalist, and even before graduating in 1962 from the French engineering school Estaca he had worked for various European publications, radio, and television. Between 1965 and 1968, he was the Editor in Chief of the first Encyclopedia of Space and in 1969 he published *A l'assault de la lune* (A Storm of the Moon). Tiziou then moved to Florida, where he closely followed the Apollo and Skylab programs as a correspondent for Aviation Magazine, French TV channels and photo agencies, including Dalmas, Gamma, and Sygma

(Corbis). While in Florida, Tiziou became friends with most American astronauts, and entertained them at his home. Tiziou was also interested in space policy affairs, and after the end of the Skylab program, he moved to Washington DC. Jacques Tiziou was awarded the Silver Feathers and Gold of the French Press, was named a correspondent for the Air and Space Academy in 1993, and was elected to the French National Academy of Air and Space in 1993.

Scope and Contents

Always an avid collector, Tiziou amassed an impressive archive of both historical documents and collectible memorabilia from the space program (both national and international), including over 800 cubic feet of press files, films, photography (including autographed crew photographs) and various souvenirs, from Sputnik to the US Space Shuttle Program. This archival collection consists of 146 cubic feet of materials drawn from Tiziou's original collection, including documents, ephemera, photographs, slides, and video/film, created or collected by Jacques Tiziou on space flight history. Much of the material was gathered from various sources such as NASA, but the collection also contains Tiziou's own photographs and writings.

Arrangement

The material in the "Files" series has been removed from Tiziou's original file boxes and rehoused into new acid-free containers preserving the original order of each box's contents. The collection's boxes have been rearranged into subseries grouped by regional identity (USA, USSR, International, etc.) and then alphabetically by broad subject matter.

The "Photography" series has not yet been processed.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Aeronautics
- Aeronautics, Military
- Apollo Project
- Artificial satellites
- Astronautics
- Ballistic missiles
- Cold War -- 1950-1970
- Gemini Project
- Mercury Project
- Project Vanguard
- Rocketry
- Saturn 5 Launch Vehicle
- Soyuz Program (Russia)
- Space Shuttle Program (U.S.)
- Space flight
- Space vehicles
- Supersonic transport planes
- Vostok (manned satellite)

Names:

United States. National Aeronautics and Space Administration

Places:

Moon -- Exploration

Container Listing

Files, (bulk 1960-2011)

- Language: Multiple languages.
- Scope and Contents: This series contains mixed formats, with multiple types of materials existing within most boxes. Examples include large quantities of newspaper clippings, prints, booklets, pamphlets, handwritten notes, various ephemera. Whilst not as widespread, photographic prints and negatives can also be found throughout the collection.
- Arrangement: The materials in this series have been removed from Tiziou's original file boxes and rehoused into new acid-free containers preserving the original order of each box's contents. The boxes have been rearranged into subseries grouped by regional identity (USA, USSR, International, and Mixed Origin) and then alphabetically by broad subject term. Scope and Content Notes in this Series use specific subject terms drawn from the [National Air and Space Museum Technical Reference Files: Space History, NASM.XXXX.1183.O](#).
- Topic: aeronautics, civil
Aviation
Space flight
Manned space flight
Rockets (Aeronautics) -- History

USA

Box 1	Apollo Program, 1 of 7 Notes: Apollo-Soyuz, General; Apollo-Soyuz, NASA Press Conferences
Box 2	Apollo Program, 2 of 7 Notes: Simulators, Boeing; Apollo Lunar Landing Research Facility (LLRF); Apollo Lunar Landing Research Vehicle (LLRV); Apollo Lunar Excursion Module Simulators (LEMS); Simulators, Lunar Orbit and Landing
Box 3	Apollo Program, 3 of 7 Notes: Apollo Lunar Roving Vehicle (LRV); Apollo Lunar Roving Vehicle (LRV) Tires; Lunar and Planetary Surface Vehicles, Molab; Apollo Lunar Roving Vehicle (LRV), Boeing; Apollo Lunar Roving Vehicle (LRV) Grumman Releases; Apollo Lunar Roving Vehicle (LRV) Bendix Releases
Box 4	Apollo Program, 4 of 7 Notes: Apollo 13 Flight, Lunar Module Interiors; Apollo Lunar Module (LEM, LM); Apollo 14 Flight, General; Saturn 5 AS-509; Apollo Lunar Module (LEM, LM), Models; Saturn S-1B Stage; von Braun, Wernher Magnus Maximilian Freiherr, General; Apollo Lunar Excursion Module Simulators (LEMS)
Box 5	Apollo Program, 5 of 7

	Notes:	Apollo Lunar Module (LEM, LM); Apollo Lunar Module (LEM, LM), Grumman; TRW Lunar Module Engine; Apollo Command Modules; Saturn IB AS-204 (22 Jan 68) Launch Vehicle; Aero Spacelines Super Guppy; OAO (Orbiting Astronomical Observatory); Space Tugs
Box 6	Apollo Program, 6 of 7 Notes:	Apollo 14 Flight, General; Saturn 5 AS-509; Apollo Command Modules; Delco Electronics, General; Reentry, Heat Shields; Saturn IB AS-204 (22 Jan 68) Launch Vehicle; Apollo 4 Flight; Saturn 5 AS-501; Apollo 6 Flight; Saturn 5 AS-502; Aerojet Apollo Service Module Engine
Box 7	Apollo Program, 7 of 7 Notes:	Haise, Fred W., Jr; Seddon, Margaret "Rhea" (Doctor); Astronauts, General; Lockheed YF-104A Starfighter; Apollo 11 Flight, General; Apollo 11 Flight, Crew, Training; Astronauts, Training, Releases; Apollo Lunar Landing Training Vehicle (LLTV); Ames Research Center; Agena Docking Target, Gemini; Langley Research Center (NASA); Simulators, Motion, Centrifuges, Manned; Apollo Lunar Landing Research Facility (LLRF); Lunar Flying Vehicle (Hopper, LFV); Apollo 1 Mission, General; SST, Russia; Tupolev Tu-144 Charger; Astronauts, Mercury
Box 8	Astronauts, 1 of 7 Notes:	Shepard, Alan B., Jr.; Mitchell, Edgar Dean; Roosa, Stuart Allen (Colonel); Slayton, Donald Kent "Deke"; Stafford, Thomas Patten "Tom"; Schweickart, Russell L. "Rusty"; Schmitt, Harrison Hagan "Jack"; Scott, David Randolph "Dave"; Swigert, John Leonard, Jr; Thornton, William Edgar; Truly, Richard H. (Admiral); Worden, Alfred Merrill "Al"; Young, John Watts
Box 9	Astronauts, 2 of 7 Notes:	Carpenter, Malcolm Scott; Grissom, Virgil Ivan "Gus"; Borman, Frank Frederick, II; Haise, Fred W., Jr; Cernan, Eugene Andrew "Gene"; Brand, Vance Devoe; Allen, Joseph Percival (Doctor); Bobko, Karol J. (Colonel); Carr, Gerald Paul; Chapman, Philip K. (Doctor); Crippen, Robert L.; Duke, Charles M., Jr; England, Anthony Wayne "Tony"; Engle, Joe H. (Colonel); Armstrong, Neil Alden; Fullerton, Charles G.; Garriott, Owen K.; Gibson, Edward George; Givens, Edward G., Jr (General); Hartsfield, Henry W., Jr; Henize, Karl G. (Doctor); Holmquest, Donald L. (Doctor); Lenoir, William B. (Doctor); Lind, Don L.; Lousma, Jack Robert; Lovell, James Arthur "Jim," Jr.; Aldrin, Edwin "Buzz" Eugene, Jr.; Mattingly, Thomas K. "Ken," II; McCandless, Bruce, II (Captain); Musgrave, Franklin Story (Doctor); Overmyer, Robert Franklyn; Parker, Robert Allen Ridley (Doctor); Peterson, Donald Herod (Colonel); Pogue, William Reid (Colonel); Roosa, Stuart Allen (Colonel)
Box 10	Astronauts, 3 of 7	

Notes: Glenn, John Herschel, Jr.; Borman, Frank Frederick, II

Box 11	Astronauts, 4 of 7 Notes: Seddon, Margaret "Rhea" (Doctor); Motion Pictures, "The Right Stuff" (1983); Food, General; Astronauts, General; North American X-15; Apollo Project, General; Astronauts, General, NASA Releases; Astronauts, Mercury
Box 12	Astronauts, 5 of 7 Notes: Glenn, John Herschel, Jr.; Young, John Watts; Swigert, John Leonard, Jr; Slayton, Donald Kent "Deke"; Shepard, Alan B., Jr.; Schmitt, Harrison Hagan "Jack"; Schweickart, Russell L. "Rusty"; Lovell, James Arthur "Jim," Jr.; Irwin, James Benson; Borman, Frank Frederick, II; Eastern Air Lines (Eastern Air Transport) (USA), General and Undated; Bean, Alan Lavern; Motion Pictures, "The Right Stuff" (1983); Evans, Ronald E.; Seddon, Margaret "Rhea" (Doctor); Gibson, Edward George
Box 13	Astronauts, 6 of 7 Notes: Brand, Vance Devoe; Overmyer, Robert Franklyn; Allen, John J. "Joe" (General); Lenoir, William B. (Doctor); Astronauts, General, NASA Releases; Swigert, John Leonard, Jr; Aldrin, Edwin "Buzz" Eugene, Jr.; Tereshkova, Valentina Vladimirovna; Armstrong, Neil Alden; Lovell, James Arthur "Jim," Jr.; Weitz, Paul Joseph "PJ"; Bean, Alan Lavern; Kerwin, Joseph P. (Doctor); Haise, Fred W., Jr; Glenn, John Herschel, Jr.; Cernan, Eugene Andrew "Gene"; Evans, Ronald E.; Schmitt, Harrison Hagan "Jack"; Collins, Michael; Bassett, Charles A., II (Major); Chaffee, Roger B. (Commander); Freeman, Theodore C. (Captain); Givens, Edward G., Jr (General); Grissom, Virgil Ivan "Gus"; Lawrence, Robert Henry, Jr.; See, Elliot M., Jr; White, Edward Higgins, II; Williams, Clifton Curtis, Jr.
Box 14	Astronauts, 7 of 7 Notes: Aldrin, Edwin "Buzz" Eugene, Jr.; Astronauts, Mercury; Michel, Frank Curtis; Mitchell, Edgar Dean; McDivitt, James Alton "Jim"; Holm, Jeanne M.; Schirra, Walter Marty, Jr. "Wally"
Box 15	Atlas Rockets, 1 of 2 Notes: General Dynamics, General; Atlas Launch Vehicles (SLV-3); Atlas Centaur Launch Vehicle; Atlas ICBM (SM-65, HGM-16)
Box 16	Atlas Rockets, 2 of 2 Notes: General Dynamics, General, Annual Reports; General Dynamics, Publications, General Dynamics News; Honeywell, General; Atlas II Launch Vehicle; Atlas Centaur Launch Vehicle; Eutelsat
Box 17	Aviation, 1 of 3 Notes: Grumman EA-6A (A2F-1H) Prowler; General Dynamics (Grumman) F-111B; Grumman E-2 (W2F) Hawkeye Family; Grumman V-1 (OF, AO-1) Mohawk Family; Grumman S-2E

(S2F-3S) Tracker; Grumman G-159 Gulfstream I; Grumman TC-4C Academe; Grumman G-164 Ag-Cat Family; Piper, General, Aircraft; Piper PA-23 Apache Family; Piper PA-24 Comanche Family; Ryan XV-5A Vertifan; Vought A-7D Corsair II; Vought XC-142A; Vought F-8 (F8U) Crusader Family; Boeing Model 747 Family; Scout Launch Vehicle; Vought ADAM II (Air Deflection and Modulation); Vought A-7A Corsair II; Granville Gee Bee Super Sportster, Serial R-1; McDonnell F-4K Phantom FG.Mk.1 (Royal Navy); Lockheed P2V (P-2) Neptune Family; McDonnell RF-101 Voodoo Family

Box 18 Aviation, 2 of 3
Notes: Grumman "Denison" (Hydrofoil); Navy, Aerial Demonstration Teams, Blue Angels, General; Grumman E-2 (W2F) Hawkeye Family; Grumman A-6 (A2F) Intruder/Prowler Family; Grumman UF-2 (HU-16D) Albatross; Grumman JF-2 Duck (USCG); Grumman SF-1; Grumman F6F Hellcat Family; Grumman FF-1; Grumman F4F Wildcat Family; Grumman F7F Tigercat Family; Grumman F8F Bearcat Family; Grumman F9F Panther (Straight-Wing) Family; Grumman F11F-1F Super Tiger; Grumman AF (TB3F) Guardian Family; Grumman TBF Avenger Family; Grumman V-1 (OF, AO-1) Mohawk Family; Grumman S-2 (S2F) Tracker Family; Grumman WF Tracer Family; Grumman G-44 (Widgeon) Family; Grumman G-21 Goose Family; Grumman G-73 Mallard; Grumman G-159 Gulfstream I; Grumman G-1159 Gulfstream II;

Box 19 Aviation, 3 of 3
Notes: Lockheed F-104A Starfighter; Lockheed C-140A Jetstar; Lockheed KC-130F (GV-1) Hercules; Lockheed L-1011-1 Tristar; Rolls-Royce RB.211 Turbofan; Lockheed C-141A Starlifter; Lockheed XH-51A Aerogyro; Lockheed P-38 Lightning Family; Lockheed P2V (P-2) Neptune Family; Lockheed T-33 (TP-80, TF-80) Shooting Star Family; Lockheed T2V Seastar Family; Lockheed R7V Super Constellation Family; Lockheed SR-71 (Blackbird) Family; Lockheed YF-12A (Blackbird); Lockheed F-104A Starfighter, CF-104 Pattern Aircraft; Cochran, Jacqueline "Jackie" (Bessie Lee Pittman)

Box 20 Gemini Program, 1 of 7
Notes: Gemini Project, General, NASA Releases; Gemini 12 Flight; Gemini 10 Flight, Recovery; Gemini 10 Flight, Launch; Gemini 11 Flight; Titan II (SM-68B, LGM-25); Gemini GT-1 (Gemini 1); Gemini 7 Flight; Gemini 6 Flight; Gemini 4 Flight

Box 21 Gemini Program, 2 of 7
Notes: Gemini 11 Flight, Articles; Gemini 12 Flight, Articles; Gemini Project, General; Gemini 4 Flight, NASA Releases; Gemini 3 Flight, Articles; Clothing, Space Suits, Gemini, EVA Life Support System; Gemini 10 Flight, NASA Press Kits

Box 22 Gemini Program, 3 of 7

Notes: Gemini Project, General; Agena Docking Target, Gemini; Gemini 11 Flight; Gemini 10 Flight, Launch; Gemini 12 Flight; Mercury MR-3 Flight Freedom 7; Shepard, Alan B., Jr.; Borman, Frank Frederick, II; Mercury MA-6 Flight Friendship 7; Gemini 8 Flight; Gemini 9 Flight; Gemini 5 Flight; Gemini GT-1 (Gemini 1)

Box 23 Gemini Program, 4 of 7
Notes: Gemini GT-1 (Gemini 1); Gemini 2 Flight; Titan II Gemini Launch Vehicle ; Gemini Project, General, Contractors, McDonnell; Virginia Space Flight Center (Wallops Island, VA); Gemini Project, General, Contractors, McDonnell; Titan II (SM-68B, LGM-25); Gemini 3 Flight; Clothing, Space Suits, Gemini, General

Box 24 Gemini Program, 5 of 7
Notes: Gemini 10 Flight, Articles; Young, John Watts; Collins, Michael; Gemini 9 Flight, Articles; Cernan, Eugene Andrew "Gene"; Stafford, Thomas Patten "Tom"; Gemini 8 Flight, Articles; Armstrong, Neil Alden; Scott, David Randolph "Dave"; Gemini 5 Flight, Articles; Cooper, Leroy Gordon, Jr; Conrad, Charles "Pete", Jr.; White, Edward Higgins, II; McDivitt, James Alton "Jim"; Gemini 4 Flight, Articles

Box 25 Gemini Program, 6 of 7
Notes: Gemini 4 Flight; Gemini 6 Flight; White, Edward Higgins, II; McDivitt, James Alton "Jim"; Gemini 3 Flight; Grissom, Virgil Ivan "Gus"; Young, John Watts; Gemini 7 Flight; Lovell, James Arthur "Jim," Jr.; Borman, Frank Frederick, II; Gemini 5 Flight; Conrad, Charles "Pete", Jr.; Cooper, Leroy Gordon, Jr

Box 26 Gemini Program, 7 of 7
Notes: Gemini 12 Flight, McDonnell Press Kits; Gemini 10 Flight, NASA Press Kits; Gemini 11 Flight; Gemini 11 Flight, NASA Press Kits; Gemini 12 Flight

Box 27 Lifting Bodies, 1 of 2
Notes: Martin Marietta X-24A (Lifting Body); Northrop M2-F3 Lifting Body; Northrop HL-10 Lifting Body; NASA M2-F1 Lifting Body; Northrop M2-F2 Lifting Body

Box 28 Lifting Bodies, 2 of 2
Notes: Lifting Bodies, General; Northrop HL-10 Lifting Body; Kaman, General; Avidyne; Martin Marietta, General

Box 29 Mercury Program, 1 of 3
Notes: MA-7 ; MA-8 ; General Dynamics, General; Mercury MA-8 Flight Sigma 7; Mercury MA-9 Flight Faith 7

Box 30 Mercury Program, 2 of 3
Notes: MA-8 ; MA-9 ; Schirra, Walter Marty, Jr. "Wally"; Mercury MA-8 Flight Sigma 7; Mercury MA-9 Flight Faith 7; Mercury MR-3 Flight Freedom 7; Shepard, Alan B., Jr.; Mercury MR-4 Flight

Liberty Bell 7; Grissom, Virgil Ivan "Gus"; Astronauts, Mercury ;
Mercury Project, General

Box 31	Mercury Program, 3 of 3 Notes: Mercury MA-6 Flight Friendship 7; Glenn, John Herschel, Jr.; MA-9; Cooper, Leroy Gordon, Jr; Mercury MA-8 Flight Sigma 7; Schirra, Walter Marty, Jr. "Wally"; Mercury MA-7 Flight Aurora 7; Carpenter, Malcolm Scott; Mercury MA-3 Flight (4/25/61); Mercury MA-2 Flight (2/21/61); Mercury MA-10 Freedom 7 II (Not Flown)
Box 32	Missiles, 1 of 3 Notes: Ground-to-Air Pilotless Aircraft (Gapa); Minuteman Missile (SM-80, LGM-30); Minuteman III Missile (LGM-30G); Minuteman II Missile (LGM-30F); Bomarc Missile (IM-99, CIM-10); Blue Scout Rocket Vehicle; Short-Range Attack Missile (SRAM, AGM-69)
Box 33	Missiles, 2 of 3 Notes: Pershing Missile (MGM-31, Scram); Mace Missile (CGM-13, TM-76); Titan II (SM-68B, LGM-25); Martin-Marietta; Dragon (M-47, FGM-77, Medium Antitank/Assault Weapon, MAW); Viking Sounding Rocket (RTV-N-12); Titan II (SM-68B, LGM-25); Pegasus Launch Vehicle (ASB-11A); Nike-X Anti-Ballistic Missile (ABM); Bold Orion Missile (WS-199B); Lacrosse Missile (SSM-A-12, MGM-18); Mace Missile (CGM-13, TM-76); Matador Missile (T-50, MGM-1, B-61, TM-61); Bullpup Missile (ASM-N-7, GAM-83, AGM-12)
Box 34	Missiles, 3 of 3 Notes: Bases and Installations, California, Vandenberg; Air Force (US), Space and Missile Systems Organization (SAMSO); Minuteman Missile (SM-80, LGM-30)
Box 35	Satellites, 1 of 8 Notes: General Electric Space Systems; Applications Technology Satellites (ATS); Biosatellites; Use of Animals in Space Research
Box 36	Satellites, 2 of 8 Notes: Seasat Satellite; Pioneer Venus 1 (20 May 1978) & 2 (8 Aug 78); NATO Communications Satellites; Comstar Satellites; GOES (Geostationary Operational Environment Satellites); Heat Capacity Mapping Mission (HCMM, AEM-A); RCA, General
Box 37	Satellites, 3 of 8 Notes: Biosatellites; Use of Animals in Space Research; Biosatellite 3 (Biosatellite D); Aerospace Medicine, Animal Experimentation; Aerobee Sounding Rocket, General; Biosatellite 2 (Biosatellite B)

Box 38	Satellites, 4 of 8 Notes: Vanguard Satellite Launch Vehicle; Explorer Satellites; Vanguard Project, General; Vanguard Project, Martin
Box 39	Satellites, 5 of 8 Notes: Vanguard Project, General; Vanguard Project, Martin; Vanguard Project, Naval Research Lab; Vanguard Satellite Launch Vehicle; USA, "Explorer I", General (July 1934); USA, "Explorer III", General
Box 40	Satellites, 6 of 8 Notes: Vanguard Project, General; Vanguard Project, Martin; Vanguard Project, Naval Research Lab; Vanguard Satellite Launch Vehicle
Box 41	Satellites, 7 of 8 Notes: Vanguard Project, General; Vanguard Project, Martin; Vanguard Project, Naval Research Lab; Vanguard Satellite Launch Vehicle; Vanguard III Satellite Launch Vehicle 7 (9/18/59); Space Shuttle, Payloads, Get Away Delta Launch 24 Oct 78 (Delta 2910, Nimbus G); Space Shuttle, General, 1980; Goddard, Robert Hutchings
Box 42	Satellites, 8 of 8 Notes: Viking Program, Martin Marietta; Martin Marietta, General; Vanguard Project, General; Vanguard Project, Martin; Vanguard Project, Naval Research Lab; Vanguard Satellite Launch Vehicle; Tracking, Moonwatch Program
Box 43	Saturn Rockets, 1 of 12 Notes: Rocketdyne, General; Saturn 5 Launch Vehicle (C-5); Raytheon, General; Republic, General; Republic Magnetic Pinch Plasma Rocket Motor
Box 44	Saturn Rockets, 2 of 12 Notes: Saturn Launch Vehicle Project, General; Rocketdyne F-1 Liquid-Fuel Motor; Saturn 2 Launch Vehicle (C-2); Langley Research Center (NASA); Rocketdyne J-2 Liquid-Fuel Motor; Michoud Assembly Facility, Marshall Space Flight Center (NASA); General Electric, General
Box 45	Saturn Rockets, 3 of 12 Notes: Saturn I Launch Vehicle (C-1); Marshall Space Flight Center (NASA); Michoud Assembly Facility; Saturn Launch Vehicle Project, Contractors, Chrysler; Saturn I SA-1 (27 Oct 61) Launch Vehicle (Block I); Saturn I SA-3 (16 Nov 62) Launch Vehicle (Block I); Saturn I SA-4 (28 Mar 63) Launch Vehicle (Block I); Saturn I SA-5 (29 Jan 64) Launch Vehicle (Block II); Saturn I SA-6 (28 May 64) Launch Vehicle (Block II); Saturn I SA-7 (18 Sep 64) Launch Vehicle (Block II); Saturn I SA-9 (16 Feb 65) Launch Vehicle (Block II); Pegasus I Satellite (A, 16 Feb 65); Pegasus II Satellite (B, 25 May 65); Saturn I SA-8 (25

		May 65) Launch Vehicle (Block II); Pegasus III Satellite (C, 30 Jul 65); Saturn I SA-10 (30 Jul 65) Launch Vehicle (Block II)
Box 46	Saturn Rockets, 4 of 12	Notes: Saturn 5 Launch Vehicle (C-5); Michoud Assembly Facility, Marshall Space Flight Center (NASA); Saturn I Launch Vehicle (C-1); Titan III, General; Rocketdyne, General; Boeing, General
Box 47	Saturn Rockets, 5 of 12	Notes: Saturn 5 Launch Vehicle (C-5); Michoud Assembly Facility, Marshall Space Flight Center (NASA); Bendix, General; Boeing, General; Apollo 4 Flight; Saturn 5 AS-501; Moon, General; Moon, Exploitation; Apollo Project, General
Box 48	Saturn Rockets, 6 of 12	Notes: Saturn I Launch Vehicle (C-1); Saturn 5 Launch Vehicle (C-5); Saturn S-1B Stage; Saturn Launch Vehicle Project, General; Michoud Assembly Facility, Marshall Space Flight Center (NASA); Rocketdyne, General; Saturn I SA-1 (27 Oct 61) Launch Vehicle (Block I); Saturn I SA-2 (25 Apr 62) Launch Vehicle (Block I); Saturn I SA-3 (16 Nov 62) Launch Vehicle (Block I); Saturn I SA-4 (28 Mar 63) Launch Vehicle (Block I); Saturn I SA-5 (29 Jan 64) Launch Vehicle (Block II); Saturn I SA-6 (28 May 64) Launch Vehicle (Block II); Saturn I SA-7 (18 Sep 64) Launch Vehicle (Block II); Pegasus II Satellite (B, 25 May 65); Saturn I SA-9 (16 Feb 65) Launch Vehicle (Block II); Saturn I SA-8 (25 May 65) Launch Vehicle (Block II); Saturn I SA-10 (30 Jul 65) Launch Vehicle (Block II)
Box 49	Saturn Rockets, 7 of 12	Notes: Rocketdyne F-1 Liquid-Fuel Motor; Rocketdyne J-2 Liquid-Fuel Motor; Michoud Assembly Facility, Marshall Space Flight Center (NASA); Thiokol, General; Reaction Motors; Apollo 11 Flight, Contractor Releases; Apollo 8 Flight, Contractor Releases; Marquardt R-4D Liquid-Fuel Motor; Saturn I Launch Vehicle (C-1); Saturn Launch Vehicle Project, General; TRW Lunar Module Engine; Apollo 9 Flight, General
Box 50	Saturn Rockets, 8 of 12	Notes: Saturn S-1C Stage; Saturn 5 Launch Vehicle (C-5); Marshall Space Flight Center (NASA) ; Michoud Assembly Facility
Box 51	Saturn Rockets, 9 of 12	Notes: Saturn S-1B Stage; Marshall Space Flight Center (NASA); Michoud Assembly Facility; Saturn 5 Launch Vehicle (C-5); Apollo Project, General; Apollo Lunar Module (LEM, LM); Apollo Command Modules
Box 52	Saturn Rockets, 10 of 12	Notes: Rocketdyne F-1 Liquid-Fuel Motor; Space Shuttle, Propulsion, Main Engine (SSME); Rocketdyne J-2 Liquid-Fuel Motor;

Apollo Project, General; Saturn S-2 Stage; Saturn 5 Launch Vehicle (C-5)

Box 53	Saturn Rockets, 11 of 12 Notes: TRW Lunar Module Engine; Apollo 13 Flight, General; Apollo Project, General; Apollo 14 Flight, General; Saturn 5 AS-509; Rocketdyne F-1 Liquid-Fuel Motor; General Electric Space Systems; Bendix, General; Aerojet Apollo Service Module Engine; Saturn 5 Launch Vehicle (C-5); Titan III-C; Saturn Launch Vehicle Project, NASA Publications; Saturn 5 AS-500F Facilities Test Vehicle; Launch Umbilical Tower (LUT) (For Saturn V)
Box 54	Saturn Rockets, 12 of 12 Notes: Apollo 14 Flight, General; Saturn 5 AS-509; Saturn IB Launch Vehicle; Marshall Space Flight Center (NASA); Michoud Assembly Facility; Apollo 11 Flight, General; Rocketdyne J-2 Liquid-Fuel Motor; Saturn 5 Launch Vehicle (C-5); Saturn Launch Vehicle Project, Contractors, Douglas
Box 55	Space Shuttle and Hubble Space Telescope, 1 of 2 Notes: Space Shuttle, General; Rocketdyne SSME (Space Shuttle Main Engine; STME); Hubble (Large) Space Telescope (HST, LST); Shuttle STS-31; STS-61; Space Shuttle, Propulsion, Solid Rocket Booster; Space Shuttles, Enterprise (OV-101)
Box 56	Space Shuttle and Hubble Space Telescope, 2 of 2 Notes: Space Shuttle, General; Rocketdyne SSME (Space Shuttle Main Engine; STME); Hubble (Large) Space Telescope (HST, LST); Space Shuttle STS-31; STS-61; Space Shuttle, Propulsion, Solid Rocket Booster; Space Shuttles, Enterprise (OV-101)
Box 57	Space Stations, 1 of 2 Notes: Skylab, General; Nike-Cajun Sounding Rocket; Molab (Mobile Laboratory); Gemini Project, General
Box 58	Space Stations, 2 of 2 Notes: Skylab, General; Saturn 5 Launch Vehicle (C-5); SNAP-29
Box 59	Titan Program, 1 of 2 Notes: Titan III, General; Titan III-C; Martin-Marietta; Titan IIIE (Titan-Centaur); Aerojet, General
Box 60	Titan Program, 2 of 2 Notes: Aerojet, General; Titan II Gemini Launch Vehicle; Martin-Marietta; Titan II Space Launch Vehicle (Refurbished ICBM); Titan I IRBM (SM-68); Titan III-C; Aerojet, General, Publications, "Aerojet Booster"
Box 61	Miscellaneous, 1 of 10

	Notes:	Avco, General; Chaparral Missile (MIM-72); Air Force, Organizations, Air Research and Development Command, Arnold Engineering Development Center (AEDC); Aerojet, General, Publications, "Aerojet Booster"
Box 62	Miscellaneous, 2 of 10 Notes:	Hawker, General; Douglas, General; Saturn Launch Vehicle Project, Contractors, Douglas; Douglas DC-8 Family; Douglas DC-9 Family; Rombus (Reusable Orbital Module Booster & Utility Shuttle); Deimos Project (Manned Mars Mission); Pegasus I Satellite (A, 16 Feb 65); Pegasus II Satellite (B, 25 May 65); Pegasus III Satellite (C, 30 Jul 65)
Box 63	Miscellaneous, 3 of 10 Notes:	Apollo 15 Flight, Contractor Releases; Beech, General; Bendix, General; Personal Propulsion Systems, Rocket Belt; Bell, General; Boeing, General; Dyna-Soar (X-20)
Box 64	Miscellaneous, 4 of 10 Notes:	Apollo Lunar Module (LEM, LM); Pratt & Whitney Powercel Fuel Cells; General Electric Generators; Gemini Project, General, Equipment
Box 65	Miscellaneous, 5 of 10 Notes:	Martin Marietta, General; Dragon (M-47, FGM-77, Medium Antitank/Assault Weapon, MAW); McDonnell, General; Asset Unmanned Reentry Project; Thor-Asset Launch Vehicle; Titan II Gemini Launch Vehicle; Motorola, General; Douglas, General; General Dynamics, General; Boeing, General, Publications, Boeing Magazine
Box 66	Miscellaneous, 6 of 10 Notes:	Vought F4U Corsair Family; Lunar Flying Vehicle (Hopper, LFV)
Box 67	Miscellaneous, 7 of 10 Notes:	Lockheed HC-130H Hercules, USAF; Waste Management, Gemini; Astronauts, Women, Articles, 1960s; Martin Marietta, General; Clothing, Space Suits, Apollo, Portable Life Support; United Aircraft, General; Gemini Project, General; Personal Propulsion Systems, Astronaut Maneuvering Unit (AMU, Gemini); Apollo Project, Medical Concerns; Food, Apollo, Articles; Food, Gemini; Clothing, Space Suits, General; Apollo Project, Plans & Training Manual; Clothing, Space Suits, Apollo A7L
Box 68	Miscellaneous, 8 of 10 Notes:	Clothing, Space Suits, Skylab, A7LB; Apollo Project, General; Apollo Project, Lunar Surface Activities; Saturn 5 Launch Vehicle (C-5); Rocketdyne F-1 Liquid-Fuel Motor; Clothing, Space Suits, Apollo, Portable Life Support; Apollo 4 Flight; Saturn 5 AS-501; Apollo Lunar Landing Training Vehicle (LLTV); Boeing EC-135N; Rocketdyne J-2 Liquid-Fuel Motor;

Langley Research Center (NASA); Kennedy Space Center (NASA) Air Force Eastern Test Range (Joint Long Range Proving Ground, Florida Missile Test Range, Atlantic Missile Range); Pioneer Project; Biosatellite 2 (Biosatellite B); Use of Animals in Space Research; Food, General

Box 69	Miscellaneous, 9 of 10 Notes: Marshall Space Flight Center (NASA); Michoud Assembly Facility; Apollo Lunar Module (LEM, LM); Aero Spacelines Super Guppy; Boeing-Vertol H-47 Chinook Family; Saturn 5 Launch Vehicle (C-5); Transporters; Aero Spacelines Mini Guppy; Aero Spacelines Pregnant Guppy
--------	---

Box 70	Miscellaneous, 10 of 10 Notes: Haise, Fred W., Jr; Seddon, Margaret "Rhea" (Doctor); Astronauts, General; Lockheed YF-104A Starfighter; Apollo 11 Flight, General; Apollo 11 Flight, Crew, Training; Astronauts, Training, Releases; Apollo Lunar Landing Training Vehicle (LLTV); Ames Research Center; Agena Docking Target, Gemini; Langley Research Center (NASA); Simulators, Motion, Centrifuges, Manned; Apollo Lunar Landing Research Facility (LLRF); Lunar Flying Vehicle (Hopper, LRV); Apollo 1 Mission, General; SST, Russia; Tupolev Tu-144 Charger; Astronauts, Mercury
--------	---

USSR

Box 71	Cosmonauts Notes: Union of Soviet Socialist Republics (USSR); Gagarin, Yuri Alekseyevich; Beregovoi, Georgy Timofeyevich; Vostok 1 Spacecraft (12 Apr 61, Russia, Sputnik 11); Vostok 2 Spacecraft (06 Aug 61) (Russia); Vostok 3 Spacecraft (11 Aug 62) (Russia); Bykovsky, Valeri Fyodorich; Komarov, Vladimir Mikhaylovich; Popovich, Pavel Romanovich (Colonel); Titov, Gherman Stepanovich (Colonel); Tereshkova, Valentina Vladimirovna; Nikolayev, Andriyan Grigor'yevich (General); Yegorov, Boris Borisovich (Doctor); Leonov, Alexei Arkhipovich; Tsyklon (Cyclone) Launch Vehicle (SL-14, F-2) (Russia) ; Cosmos SL-8 Launch Vehicle (Russia); Apollo-Soyuz, General; Proton Launch Vehicle (UR500, SL-9, SL-12, SL-13, D-1) (Russia)
--------	---

Box 72	Lunik Program Notes: Luna 16 Probe (Lunik 16); Luna 9 Probe (Lunik 9); Luna 10 Probe (Lunik 10); Luna 15 Probe (Lunik 15); Zond Space Probes (Russia); Luna 14 Probe (Lunik 14); Cosmos Satellites (Russia) 1400 Series; Luna 11 Probe (Lunik 11); Luna 5 Probe (Lunik 5); Luna 4 Probe (Lunik 4); Luna 3 Probe (Lunik 3); Luna 2 Probe (Lunik 2)
--------	--

Box 73	Rockets
--------	---------

Notes: Gagarin, Yuri Alekseyevich; Energia Launch Vehicle (SL-17, K-1) (Russia); Kosmos Launch Vehicle (SL-8, C-1) (Russia); Soyuz Launch Vehicle (Russia); Unidentified Flying Objects (UFO); Union of Soviet Socialist Republics (USSR); Redstone Missile (Major, URSA, SSM-G-14, SSM-A-14, PGM-11, Hermes C-1)

Box 74

Spacecraft, 1 of 5

Notes: Union of Soviet Socialist Republics (USSR); Vostok Spacecraft (Russia); Voskhod 2 Spacecraft (18 Mar 65) (Russia); Voskhod 1 Spacecraft (12 Oct 64) (Russia); Leonov, Alexei Arkhipovich; Gemini Project, General; Astronauts, Women

Box 75

Spacecraft, 2 of 5

Notes: Salyut 7 (19 Apr 82) (Russia); Soyuz T-14 (17 Sep 85) (Russia); Cosmos Satellites (Russia) 1400 Series; Soyuz T-10B (08 Feb 84) (Russia); Savitskaya, Svetlana Yevgen'yevna; Soyuz T-11 (03 Apr 84) (Russia); Sharma, Rakesh; Soyuz 11 (06 Jun 71) (Russia); Soyuz 10 (23 Apr 71) (Russia); Salyut (Russia)

Box 76

Spacecraft, 3 of 5

Notes: Mir ("Peace") Space Station (Russia); National Geographic Society (USA), General; MiG, General; Yakovlev, General; Tupolev, General; Mil Mi-24 Hind Family; Russia, Launch Sites, Baikonur Cosmodrome (Tyuratam); Energia Launch Vehicle (SL-17, K-1) (Russia); Levchenko, Anatoly; Space Shuttle, Russia, General; Soyuz TM-6 (29 Aug 88) (Russia); Soyuz TM-5 (07 Jun 88) (Russia); Soyuz TM-4 (21 Dec 87) (Russia); Phobos Mission (Russia); Kvant Astrophysical Module (Russia); Kosmos Launch Vehicle (SL-8, C-1) (Russia); Space Shuttle, Russia, Spaceplane (Bor-4, Cosmos 1374, 1445, 1517, 1614); Myasishchev M-4 (MYa-4) Bison Family; Cosmos Satellites (Russia) 1900 Series; Asat (Anti-Satellite) Weapons; Vega Space Probes (Russia, France)

Box 77

Spacecraft, 4 of 5

Notes: Soyuz 36 (26 May 80) (Russia); Union of Soviet Socialist Republics (USSR); Soyuz T-7 (19 Aug 82) (Russia); Soyuz T-2 (05 Jun 80) (Russia); Space Shuttle, Russia, Spaceplane (Bor-4, Cosmos 1374, 1445, 1517, 1614); Soyuz 28 (02 Mar 78) (Russia); Soyuz 29 (23 Sep 78) (Russia); Soyuz 30 (27 Jun 78) (Russia); Luna 24 Probe (Lunik 24); Zond Space Probes (Russia);

Box 78

Spacecraft, 5 of 5

Notes: Molniya 1 Satellite (Russia); Voskhod 1 Spacecraft (12 Oct 64) (Russia); Vostok Spacecraft (Russia); Soyuz Program (Russia); Gemini 6 & 7 Rendezvous; Cosmos Satellites (Russia) 100 Series; Cosmos Satellites (Russia) 200 Series

Box 79

Miscellaneous, 1 of 4

Notes: Union of Soviet Socialist Republics (USSR) ; Social Impact, General, Union of Soviet Socialist Republics (USSR) and

Russia; Blagonravov, Anatoliy Arkadiyevich; Voskhod 2 Spacecraft (18 Mar 65) (Russia); Elektron Satellites (Russia); Leonov, Alexei Arkhipovich

Box 80	Miscellaneous, 2 of 4 Notes: Union of Soviet Socialist Republics (USSR); Apollo-Soyuz, General; British Overseas Airways Corporation (BOAC) (UK); Lunokhod (Moonwalker) 1 Roving Vehicle (Luna 17) (Russia)
Box 81	Miscellaneous, 3 of 4 Notes: Gagarin, Yuri Alekseyevic; Vostok 1 Spacecraft (12 Apr 61, Russia, Sputnik 11); Popovich, Pavel Romanovich (Colonel); Nikolayev, Andriyan Grigor'yevich (General); Sputnik (Russia); Soyuz 6, 7, & 8 (Russia); Cosmos Satellites (Russia), General; Elektron Satellites (Russia); Polyot Satellites (Russia); Voskhod 1 Spacecraft (12 Oct 64) (Russia); Soyuz Program (Russia)
Box 82	Miscellaneous, 4 of 4 Notes: Social Impact, General, Union of Soviet Socialist Republics (USSR) and Russia

International

Box 83	Asia, Japan Notes: Japan, ISAS (Institute of Space and Astronautical Science); Japan, Space Program; Shinsei (New Star) Satellite (Japan); Tansei Test Satellite (Japan); L-4S (Lambda) Sounding Rocket (Japan); Kappa Sounding Rocket (Japan)
Box 84	Europe, Ariane Program, 1 of 17 Notes: ERS-1 (European Remote Sensing Satellite, ESA); Ariane 4 Launch Vehicle (ESA); Atlas IIAS (2AS) Launch Vehicle; Anik Satellites (Telesat) (Canada); Intelsat (International Telecommunications Satellite Organization); Spacenet Communications Satellites; Ariane Launch 8 Sep 88 (25, AR3, G-Star III, SBS 5); Ariane Launch 25 Sep 93 (59, AR40, Spot 3); Italsat (Italy); Arianespace (France)
Box 85	Europe, Ariane Program, 2 of 17 Notes: Arianespace (France); Ariane Launch Vehicle (L-3S, ESA), ArianeSpace Publications; Arabsat (Arabian Commercial Satellite); Topex/Poseidon Oceanography Satellite; Hermes Spaceplane (France); ERS-1 (European Remote Sensing Satellite, ESA)
Box 86	Europe, Ariane Program, 3 of 17 Notes: Ariane Launch Vehicle (L-3S, ESA); Ariane Launch 10 Sep 82 (L5, AR 1, Marecs B, Sirio-2); Olympus (ESA, Large Satellite, L-Sat); Marecs Satellites (ESA & Russia); MATRA (France)
Box 87	Europe, Ariane Program, 4 of 17

	Notes:	Ariane Launch Vehicle (L-3S, ESA); MATRA (France); Ariane Launch 10 Sep 82 (L5, AR 1, Marecs B, Sirio-2); Westar Satellites; G-Star Satellite; European Space Agency (ESA), General; Intelsat V F-8 (5 Mar 84, Ariane 1); Arabsat (Arabian Commercial Satellite); Ariane Launch 8 Feb 85 (12, AR3, Arabsat 1A, Brasilsat S1); Ariane Launch 22 Feb 86 (16, AR1, Spot 1, Viking)
Box 88	Europe, Ariane Program, 5 of 17 Notes:	Ariane Launch 19 Jun 81 (L03, AR 1, Apple, Meteosat); Ariane Launch 19 Dec 81 (L04, AR 1, Marecs A); Ariane Launch 10 Sep 82 (L5, AR 1, Marecs B, Sirio-2); Ariane Launch 16 Jun 83 (L6, AR 1, ECS1, Oscar)
Box 89	Europe, Ariane Program, 6 of 17 Notes:	Ariane Launch 22 May 84 (9, AR 1, Spacenet I); Ariane Launch 10 Nov 84 (11, AR3, Spacenet II, Marecs B2); Ariane 3 Launch Vehicle (ESA); Ariane Launch 8 May 85 (13, AR3, G-Star I, Telecom 1B)
Box 90	Europe, Ariane Program, 7 of 17 Notes:	Intelsat V F-7 (19 Oct 83, Ariane 1); Intelsat V F-8 (5 Mar 84, Ariane 1); Ariane Launch 22 May 84 (9, AR 1, Spacenet I)
Box 91	Europe, Ariane Program, 8 of 17 Notes:	Ariane Launch 4 Aug 84 (10, AR 3, ECS2, Telecom 1A); Ariane Launch 10 Nov 84 (11, AR3, Spacenet II, Marecs B2); Ariane Launch 8 Feb 85 (12, AR3, Arabsat 1A, Brasilsat S1)
Box 92	Europe, Ariane Program, 9 of 17 Notes:	Ariane Launch 2 Jul 85 (14, AR1, Giotto); Ariane Launch 12 Sep 85 (15, AR3, Spacenet III, ECS3)
Box 93	Europe, Ariane Program, 10 of 17 Notes:	Ariane Launch 27 Oct 88 (26, AR2, TDF1); Ariane Launch 21 Jul 88 (24, AR3, Insat 1C, ECS5); Ariane Launch 5 Jun 89 (31, AR44LP, Superbird, DFS); Arianespace (France); Ariane Launch 1 Apr 89 (30, AR2 Tele-X); Energia Launch Vehicle (SL-17, K-1) (Russia); Space Shuttle, Russia, Buran; Ariane Launch 11 Jul 89 (32, AR3, Olympus); Ariane Launch 22 Feb 90 (36, AR44L, Superbird, BS-2); Ariane Launch 24 Jul 90 (37, AR44L, TDF, DFS); Ariane Launch 30 Aug 90 (38, AR44LP, Skynet, Eutelsat); Ariane Launch 21 Jan 90 (35, AR40, Spot, Microsat, Uosat); Ariane Launch 12 Oct 90 (39, AR44L, SBS, Galaxy); Ariane Launch 20 Nov 90 (40, AR42P, Satcom, G-Star); Ariane Launch 15 Jan 91 (41, AR44L, Italsat, Eutelsat)
Box 94	Europe, Ariane Program, 11 of 17 Notes:	Ariane Launch 21 Jul 88 (24, AR3, Insat 1C, ECS5); Ariane Launch 8 Sep 88 (25, AR3, G-Star III, SBS 5); Ariane Launch 27 Oct 88 (26, AR2, TDF1); Ariane Launch 10 Dec 88 (27, AR44LP, Skynet 4B, Astra 1A); Ariane Launch 26 Jan 89 (28,

AR2, Intelsat); Ariane Launch 6 Mar 89 (29, AR44LP, JCSat, Meteosat); Ariane Launch 1 Apr 89 (30, AR2 Tele-X); Ariane Launch 5 Jun 89 (31, AR44LP, Superbird, DFS); Ariane Launch 11 Jul 89 (32, AR3, Olympus)

Box 95	Europe, Ariane Program, 12 of 17 Notes: Ariane Launch 15 Jun 88 (22, AR44LP, Meteosat P2, Amsat IIC, Pas 1)
Box 96	Europe, Ariane Program, 13 of 17 Notes: Ariane Launch 22 Feb 86 (16, AR1, Spot 1, Viking); Spot (Satellite Probatoire d'Observation de la Terre)
Box 97	Europe, Ariane Program, 14 of 17 Notes: Ariane Launch 15 Sep 87 (19, AR3, Aussat K3, ECS4); Ariane Launch 20 Nov 87 (20, AR2, TV-Sat1); Ariane Launch 17 May 88 (23, AR2, Intelsat); Ariane Launch 11 Mar 88 (21, AR3, Spacenet III R, Telecom 1C)
Box 98	Europe, Ariane Program, 15 of 17 Notes: Ariane 3 Launch Vehicle (ESA); Ariane 4 Launch Vehicle (ESA); Ariane 5 Launch Vehicle (ESA); Hermes Spaceplane (France); Arianespace (France)
Box 99	Europe, Ariane Program, 16 of 17 Notes: Ariane Launch 28 Mar 86 (17, AR3, G-Star II, Brasilsat S2); Arianespace (France); Spacenet Communications Satellites; Space Shuttles, Challenger (OV-99); Ariane Launch 22 May 84 (9, AR 1, Spacenet I)
Box 100	Europe, Ariane Program, 17 of 17 Notes: Japan, NASDA (National Space Development Agency of Japan); Centre National d'Études Spatiales (CNES, National Center for Space Studies, France); Ariane Launch 10 Sep 82 (L5, AR 1, Marecs B, Sirio-2); Spot (Satellite Probatoire d'Observation de la Terre); Meteosat Meteorology Satellite (ESA); Sirio Satellite (Italy); OTS (Orbital Test Satellite, ESA); European Space Agency (ESA), General
Box 101	Europe, Concorde Program Notes: Bristol Olympus; Rolls-Royce/SNECMA); Concorde 002 (British Prototype); Bristol Siddeley, General; Concorde (Program), General, Articles; Concorde 001 (French Prototype); Sud-Aviation, General
Box 102	Europe, Concorde Environmental Impact Statement Volume 1 (1 of 2) Notes: Concorde, General
Box 103	Europe, Concorde Environmental Impact Statement Volume 1 (2 of 2) Notes: Concorde, General
Box 104	Europe, European Missiles, 1 of 4

Notes: MATRA (France); France, Space Program, Contractor Releases, Matra; Martel (Missile, AntiRadar and Television, France & UK); Masurca Missile (France); Veronique Sounding Rocket (France); Crotale (Rattlesnake, Cactus) Missile (France); Lance Missile (MGM-52A, Missile-B); Iris Sounding Rocket

Box 105	Europe, European Missiles, 2 of 4 Notes: Roland Missile (USA, France, Germany); Entac Missile (France, MGM-32); DEFA, General; MILAN Missile (Missile d'Infanterie Léger ANTichar, Anti-Tank Light Infantry Missile); Harpon Missile (France); Pluton Missile (France); Veronique Sounding Rocket (France); MATRA (France); Matra R 530 Missile (France); SNECMA, General; Masurca Missile (France)
Box 106	Europe, European Missiles, 3 of 4 Notes: Pluton Missile (France); Roland Missile (USA, France, Germany); Entac Missile (France, MGM-32); AS-30 Missile (France); MILAN Missile (Missile d'Infanterie Léger ANTichar, Anti-Tank Light Infantry Missile); SNCAN (Nord) CT-20; SNCAN (Nord) CT-41
Box 107	Europe, European Missiles, 4 of 4 Notes: Firebee Program, General; SNCAN (Nord) CT-20; SNCAN (Nord) CT-41; SNCAN (Nord) CT-10
Box 108	Europe, European Satellites, 1 of 3 Notes: Symphonie Satellites (France/Germany); Thor Delta Launch Vehicle DM-19, DSV-3B
Box 109	Europe, European Satellites, 2 of 3 Notes: France, Space Program, CNES Publication; Galileo Project; France, Paris, Le Bourget; Signe Satellite (France/Russia); Spot (Satellite Probatoire d'Observation de la Terre); Meteosat Meteorology Satellite (ESA)
Box 110	Europe, European Satellites, 3 of 3 Notes: European Space Agency Satellites (ESA, Esro); Azur Satellite (West Germany, GRS-A); Dart Sounding Rocket; Europa Launch Vehicle; Cobra 2000 Missile (BO 810); Asat (Anti-Satellite) Weapons; MBB/ERNO Space Systems (Germany); Bölkow, General
Box 111	Europe, European Sounding Rockets, 1 of 2 Notes: Onera Sounding Rockets (France); Eclipses, Solar, 12 Nov 1966; Hawk Missile (SAM-A-18, MIM-23, XM-3); Dragon Sounding Rockets (France); Centaure II Sounding Rocket (France)
Box 112	Europe, European Sounding Rockets, 2 of 2

Notes: Sud-Aviation, General; Belier III Sounding Rocket (France); Dragon Sounding Rockets (France) ; Centaure II Sounding Rocket (France)

Box 113	Europe, European Space Agency, 1 of 2 Notes: Eldo (European Launcher Development Organization); European Space Agency Satellites (ESA, Esro); Skylark Sounding Rocket (UK); Veronique Sounding Rocket (France); Wresat (Weapons Research Establishment Satellite, Australia); ESRANGE Space Operations Center (Sweden)
Box 114	Europe, European Space Agency, 1 of 2 Notes: Eldo (European Launcher Development Organization); TD 1A Satellite (Esro, ESA); European Space Agency Satellites (ESA, Esro); Europa Launch Vehicle; Concorde, General; Blue Streak Launch Vehicle (UK); SNECMA, General
Box 115	Europe, Hermes Space Plane Notes: Hermes Spaceplane (France); Ariane 5 Launch Vehicle (ESA); Aérospatiale, General; Centre National d'Études Spatiales (CNES, National Center for Space Studies, France); Airports, France, Paris, Le Bourget
Box 116	Europe, United Kingdom, Aviation Notes: English Electric Lightning T.Mk.5; English Electric Lightning F.Mk.3; English Electric Lightning F.Mk.2; English Electric Lightning F.Mk.1; Supermarine Scimitar; Vickers (UK), General; Supermarine Seafire Mk.I; Supermarine Spitfire Family
Box 117	Europe, Miscellaneous, 1 of 5 Notes: Veronique Sounding Rocket (France); Diamant Launch Vehicle (France); Hawk Missile (SAM-A-18, MIM-23, XM-3); Centre National d'Études Spatiales (CNES, National Center for Space Studies, France); Eole Satellites (France); Masurca Missile (France); MARUCA (Marine Ruelle Contre Avion)
Box 118	Europe, Miscellaneous, 2 of 5 Notes: Eldo (European Launcher Development Organization); Europa Launch Vehicle; Europa 2 Launch Vehicle; Intelsat III Series; Titan III-C; Hawker Siddeley, General
Box 119	Europe, Miscellaneous, 3 of 5 Notes: Diamant Launch Vehicle (France); France, Space Program, Contractor Releases, Matra; Émeraude (Emerald) Rocket (France)
Box 120	Europe, Miscellaneous, 4 of 5 Notes: D-2A Satellite (France); SNCAN (Nord) CT-10
Box 121	Europe, Miscellaneous, 5 of 5

Notes: Centre National d'Études Spatiales (CNES, National Center for Space Studies, France); Douglas DC-7 Amor (French Space Program Support Modification)

Mixed Origin

Scope and Contents: Files in this sub-series are categorized as being of 'mixed origin' due to their contents being comprised of documents relating to projects originating from multiple nations. For example, a file may contain documents relating to the US space program whilst also containing documents referencing separate European endeavors.

Box 122 Experimental Propulsion
Notes: United Aircraft, General; Phoebus Nuclear Propulsion Reactor; Lockheed, General; Aerojet Nerva (Nuclear Engine for Rocket Vehicle Appl.); Nuclear Rocket Development Station (Nevada National Security Site, Nevada Test Site, Nevada Proving Grounds), Nevada; SNAP-8; Rocketdyne, General; Space Electric Rocket Test (Sert) I Spacecraft; Space Electric Rocket Test (Sert) 2 Spacecraft; Onera Sounding Rockets (France); Lewis Research Center; Magnetohydrodynamic (MHD) Rocket Motors

Box 123 Individuals
Notes: von Braun, Wernher Magnus Maximilian Freiherr, General; Petrone, Rocco Anthony; Lee, Chester M.; Maus, Hans H.; von Karman, Theodore (Doctor); Mrazek, William A. (Doctor); Thompson, Floyd L. (Doctor); Stuhlinger, Ernst (Doctor); Haney, Paul; Geissler, Ernst D. (Doctor); Goddard, Robert Hutchings; Crippen, Robert L.; Berry, Charles A. (Doctor); Johnston, Richard S.; Bogart, Frank A. (General); Berry, Charles A. (Doctor); Rieke, William B.; Paine, Thomas Otten; Astronauts, General, NASA Releases

Box 124 Lunar Missions
Notes: Kennedy Space Center (NASA) Articles, 1972; Air Force Space Museum (Cape Kennedy AFS, FL); Saturn Launch Vehicle Project, General; Lunokhod (Moonwalker) 1 Roving Vehicle (Luna 17) (Russia); Solar System; Luna 17 Probe (Lunik 17)

Box 125 Missiles, 1 of 8
Notes: Polaris Missiles (UGM-27) Articles, Undated; Air Force, Operations, Bikini Atoll Atomic Test; Sentinel Anti-Ballistic Missile (ABM) System; Spartan & Sprint); Shillelagh Missile (MGM-51, XM-13); Nike-Zeus Surface-to-Air Missile (LIM-49); Short-Range Attack Missile (SRAM, AGM-69); Martel (Missile, AntiRadar and Television, France & UK); Walleye Missile (AGM-62); Rapier Missile (UK); China, Missiles; Spartan Missile (XLIM-49); Convair F-106A Delta Dart; Sea Dart Missile (UK); Redeye Missile (FIM-43); Tartar Missile (RIM-24); Minuteman Missile (SM-80, LGM-30), Releases; Pershing Missile (MGM-31, Scram); Blue Steel Missile (UK); Falcon Missiles (GAR-1, GAR-2, GAR-3, GAR-11, AIM-4, AIM-26, AIM-47); Phoenix Missile (AIM-54); Chaparral Missile

(MIM-72); Dart Anti-Tank Missile (SSM-A-23); Little John Missile (M-47, MGR-3)

Box 126	<p>Missiles, 2 of 8</p> <p>Notes: Spartan Missile (XLIM-49); Falcon Missiles (GAR-1, GAR-2, GAR-3, GAR-11, AIM-4, AIM-26, AIM-47) ; Bomarc Missile (IM-99, CIM-10); Seacat Missile (UK); Bloodhound Missile (UK); Canadair, General; Black Brant Sounding Rockets (Canada); Redstone Missile (Major, URSA, SSM-G-14, SSM-A-14, PGM-11, Hermes C-1); Jupiter Missile (SM-78, PGM-19); Mosquito Missile (Switzerland); Sparrow Missile (AIM-7, RIM-7, AAM-N-6); Roc (VB-10) Guided Bomb; Honest John Missile (M-31, MGR-1B); Skybolt Missile (GAM-87, AGM-48); Nike-Ajax Surface-to-Air Missile (SAM-A-7); Genie Air-to-Air Missile (AIR-2, Ding Dong, MB-1, AIM-1); Fairey VTO Missile; Fireflash Missile (UK); Flight Refueling (UK)</p>
Box 127	<p>Missiles, 3 of 8</p> <p>Notes: Tow (Tube-Launched, Optically-Tracked, Wire-Guided) Missile (MGM-71); Shillelagh Missile (MGM-51, XM-13); Chaparral Missile (MIM-72); Condor Missile (AGM-53); Sea Dart Missile (UK); Bloodhound Missile (UK); Seaslug Missile (UK); Hounddog Missile (AGM-28, GAM-77); Falcon Missiles (GAR-1, GAR-2, GAR-3, GAR-11, AIM-4, AIM-26, AIM-47); Phoenix Missile (AIM-54); Blue Steel Missile (UK); Firestreak Missile (UK); Redtop Missile (UK)</p>
Box 128	<p>Missiles, 4 of 8</p> <p>Notes: Sea Dart Missile (UK); Martel (Missile, AntiRadar and Television, France & UK); Ikara Missile (Australia); Blowpipe Missile (UK); Seacat Missile (UK); Polaris Missiles (UGM-27) Articles, Undated; Tartar Missile (RIM-24); Terrier Missile (RIM-2, SAM-N-7); Mauler Missile (MIM-46, RIM-46); Bumper Project (V-2/WAC Corporal), General; Subroc (Submarine Rocket) Missile (UUM-44, Mk 28); Malkara Missile (Australia)</p>
Box 129	<p>Missiles, 5 of 8</p> <p>Notes: Lance Missile (MGM-52A, Missile-B); Polaris Missiles (UGM-27) Articles, Undated; Malkara Missile (Australia); X-17 Test Rocket; Argus; X-7 Missile; Kingfisher; Poseidon Missile (C-3, UGM-73); Terrier Missile (RIM-2, SAM-N-7); Regulus I Missile (SSM-N-8, KDU-1, RIM-6); Regulus II Missile (SSM-N-9, RGM-15); Gargoyle Missile (LBD-1, KSD-1); Quail Decoy Missile (ADM-20, GAM-72); Anti-Submarine Rocket (Asroc, RUR-5)</p>
Box 130	<p>Missiles, 6 of 8</p> <p>Notes: Navaho Missile (XSM-64, MX-770) ; X-10; Snark Missile (MX-775, MX-1960, SM-62); Sparrow Missile (AIM-7, RIM-7, AAM-N-6); Sea Sparrow Missile (RIM-7); Sparrow Missile; Chaparral Missile (MIM-72); Hawk Missile (SAM-A-18, MIM-23, XM-3); Hornet Missile (AGM-64); Shrike Missile (MX-776); Sidewinder Missile (AIM-9, AAM-N-7, GAR-8); Nike-Zeus</p>

		Surface-to-Air Missile (LIM-49); Skylark Sounding Rocket (UK); Raytheon, General; Terrapin Sounding Rocket
Box 131	Missiles, 7 of 8 Notes:	Nike-X Anti-Ballistic Missile (ABM); Nike-Cajun Sounding Rocket; Aerobee 150A Sounding Rocket; Black Knight Rocket Vehicle (UK); Corporal Missile (XM4E1, XSSM-A-17, SSM-A-17); Sergeant Missile (XM-29, SSM-A-21, MGM-29); Redstone Missile (Major, URSA, SSM-G-14, SSM-A-14, PGM-11, Hermes C-1); Hawk Missile (SAM-A-18, MIM-23, XM-3); Lacrosse Missile (SSM-A-12, MGM-18); Jupiter Missile (SM-78, PGM-19); Black Brant Sounding Rockets (Canada); Nike-Zeus Surface-to-Air Missile (LIM-49); Nike-Ajax Surface-to-Air Missile (SAM-A-7); Nike-Hercules Surface-to-Air Missile (MIM-14, SAM-A-25); Nike-Apache Sounding Rocket; Walleye Missile (AGM-62); Wasp Missile
Box 132	Missiles, 8 of 8 Notes:	Firebee Program, General; Redhead-Roadrunner (NA273, MQM-42) Target Missile; Jindivik Target Aircraft (Australia); XC1 Drone (Canadair CL-89); AQM-37C Target Drone; SD-5 (AN/USD-5) Surveillance Drone (Fairchild); Meteor 1 Sounding Rocket (Poland); Swallow Drone (AN/USD-4, USD-4); Q-4 Target Drone (Radioplane); OQ-19 Target Drone (Radioplane); RP-70 Target Drone
Box 133	Rockets Notes:	Russia, Launch Sites, Baikonur Cosmodrome (Tyuratam); Aerojet M-1 Liquid-Fuel Motor, General, Articles; Thor-Able Launch Vehicle; Lockheed Martin, General; Lockheed DC-130 Hercules Family; Poseidon Missile (C-3, UGM-73); Lance Missile (MGM-52A, Missile-B); Jet Propulsion Lab (JPL, NASA)
Box 134	Satellites Notes:	Transit 4B Navigation Satellite, 15 Nov 61 ; Injun Satellites; Explorers 25, 40, & 52); Low Frequency Transionospheric Satellite (Lofti); Solar Radiation Satellites (Solrad) (See also: Explorers 30, 37, 44); Atlas Launch Vehicles (SLV-3); Mercury Project; OV-2 Satellites; Titan III, General; Avco, General; OV-1 (Orbital Vehicle One) Satellites; Satellite for Aerospace Research (Satar); Samos (Satellite and Missile Observation System); ERS (European Remote Sensing Satellite, ESA); Vela Nuclear Detection Satellites
Box 135	Space Programs, 1 of 2 Notes:	San Marco Satellites (Italy); Brazil; Nike-Cajun Sounding Rocket; Australia; Spain, General; Argentina; India; Sweden, Space Programs; Italy, Space Program; Mexico; New Zealand; Pakistan; Netherlands, 20th Century; Poland, 20th Century; Norway; Denmark
Box 136	Space Programs, 2 of 2	

	Notes:	China, Space Program; Brazil; Azur Satellite (West Germany, GRS-A); Alouette Satellite (S-27, Canada); Rohini Satellite (India); Nike-Tomahawk Sounding Rocket; Nike-Apache Sounding Rocket; Argentina; Netherlands, 20th Century; Australia; Isis 1 (Isis-A)
Box 137	VTOL Notes:	Hawker Siddeley, General; Dassault Mirage III Family; Ryan XV-5A Vertifan; EWR Süd VJ 101; Lockheed XV-4A Hummingbird; Vought XC-142A; Hiller XC-142; VFW-Fokker VC 400; Lockheed Model 286 (Rigid Rotor); Sikorsky S-65 Family; Sikorsky S-61N; Sikorsky S-65 Family; Sikorsky S-64B Skycrane (Proposal); Sikorsky (S-61B) RH-3A Sea King; Sikorsky (S-62A) HH-52A (HU2S-1G) Seaguard (USCG); Boeing-Vertol YCH-47A (YHC-1B) Chinook; Boeing-Vertol UH-46A (HRB-1) Sea Knight; Hiller FH-1100; Wagner FJ-Sky-Trac
Box 138	Miscellaneous Notes:	Space Shuttle, General, 1979; vanguard Project, General; Tiros (Television Infrared Observation Satellites); NOAA Satellites; France, Space Program, Contractor Releases, Matra; DMSP (Defense Meteorological Satellite Program); Nimbus Satellites, General; Transfer Orbit Stage Space Shuttles, Columbia (OV-102); Space Shuttles, Enterprise (OV-101)

[Return to Table of Contents](#)

Photography, (bulk 1960-2011)

Processing Information: This series has not yet been processed.

[Return to Table of Contents](#)