

Online Sale: The Stephen White Space Collection

Wednesday 9th June, 2021. 1.00pm

Images available at: www.forumauctions.co.uk

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Stephen White's Los Angeles gallery for fine art and historical photography opened its doors in 1975, one of the first in the United States. He became the founding president of the Association of International Photography Art Dealers in 1979. Always ahead of the field, the gallery represented and exhibited 20th century and contemporary photographers as well as 19th century pioneers. In 1990, he sold his entire personal collection and inventory to a Japanese museum.

Since 1990, Stephen has devoted his time to collecting, writing, researching and curating. He has curated or co-curated exhibitions at the Van Gogh Museum, the Palais Tokyo in Paris, and many American museums.

A number of the photographs in this sale were included in the catalogue and exhibition *Skydreamers: A Saga of Air and Space*, at the Autry National Center, Los Angeles, December 2010 to April 2011.

Unless otherwise stated, all photographs are vintage prints on fibre-based paper.

1

Balloon flight.- JEAN PICCARD'S FIRST MULTI-CELLED, OR, CLUSTER, BALLOON "THE PLEIADES" MADE UP OF 98 LATEX RUBBER BALLOONS WHICH ASCENDED 3,350 METRES, ROCHESTER, MINNESOTA, 18 JULY 1937, vintage gelatin silver print, top part of vintage press caption loosely inserted, in a modern card mount, c.280 x 180 mm (11 x 7 in).

£200 - 300

2

Viking Programme.- THREE VIEWS OF VIKING I AT WHITE SANDS PROVING GROUND AND A VIEW OF VIKING 4 LIFTING OFF FROM THE DECK OF THE U.S. NAVY'S USS NORTON SOUND, FEBRUARY 1949 - MAY 1950, vintage gelatin silver prints, versos with ink-stamps of the contractor The Glenn L. Marston Company, minor creasing, mostly to corners and margins; with a further group of three early rockets, c.210 x 250 mm (8 1/4 x 9 3/4 in), (7).

*** Often considered America's first space rocket, Viking was a smaller, lightweight

development of the V2 using aluminium throughout.

£200 - 300

3

Astrophotography.- Unknown photographer ORION NEBULA, C.1955, vintage chromogenic print, abrasion marks to margins where old tape removed, one or two small marginal tears, minor creasing, in a modern card mount, c.405 x 505 mm (16 x 19 3/4 in). £300 - 400

4

Rockets and Satellites.- A VARIED COLLECTION OF U.S. SUBJECTS INCLUDING LIFT-OFFS OF THE MERCURY ATLAS ROCKETS CARRYING SCOTT CARPENTER AND JOHN GLENN, C.1955-67, vintage gelatin silver prints, the majority with captions in French hinged to versos, occasional minor surface creasing, most c.180 x 130 mm (7 x 5 in), (c.74)

£400 - 600

5

Rockets and Satellites.- A VARIED COLLECTION OF EUROPEAN SUBJECTS INCLUDING BRITAIN'S BLUE STREAK AND A LARGE GROUP OF FRENCH ROCKETS, c.1955-67, vintage gelatin silver prints, the majority with captions in French hinges to versos, occasional minor surface creasing, most c.180 x 130 mm (7 x 5 in.), (c.50) £200 - 300

6

U.F.O.- A FLYING SAUCER, OR A STILL FROM A SCIENCE FICTION FILM, c.1955, vintage gelatin silver print, minor surface cracks, one or two faint spots to verso, c.255 x 205 mm (10 x 8 in).

*** Possibly taken from the 1956 film, "Earth vs. the Flying Saucers."

£150 - 200

7

Glinn (Burt) THE U.S. NAVY VANGUARD TEST VEHICLE 3 EXPLODES TWO SECONDS AFTER LIFT-OFF AT CAPE CANAVERAL, 6 DECEMBER 1957, vintage gelatin silver print, the photographer's Magnum Photos credit stamp to verso, minor creasing, 205 x 255 mm (8 x 10 in).

*** Glinn was president of Magnum 1972-75 and again in 1987.

£500 - 700

8

Unknown photographer "Answer from God", ORIGINAL MAQUETTE FOR AN ILLUSTRATED ARTICLE ON MODERN TECHNOLOGY IN THE JAPANESE NEWSPAPER YOMIURI SHIMBUN, 1957, gelatin silver print with overlays and heightening in white gouache, mounted on card, a copy of the newspaper with illustration on the verso, faint creasing and rubbing to corners, c.440 x 565 mm (17 1/2 x 22 in).

*** The front cover illustration of the "Skydreamers" catalogue.

£6,000 - 8,000

9

Project Manhigh.- JOSEPH KITTINGER IN THE CAPSULE WHICH WILL TAKE HIM BY BALLOON TO A RECORD ALTITUDE OF 96,700FT, 2 JUNE 1957,

vintage gelatin silver press print, International News Photos credit to verso, minor creasing, $235 \times 180 \text{ mm}$ (9 $1/4 \times 7 \text{ in}$).

*** This feat, to investigate human space flight into the stratosphere as part of a U.S. Air Force programme, earned Kittinger a Distinguished Flying Cross.

£150 - 200

10

Rockets and Missiles.- A varied group of Rockets and Missiles, c,1957-63, vintage gelatin silver prints, most with NASA or press captions verso, minor creasing, mostly to corners and margins, c.200 x 245 mm (7 3/4 x 9 1/2 in), (12).

£300 - 400

11

Rockets and Missiles.- A VARIED GROUP OF ROCKETS AND MISSILES, C.1964-66, vintage gelatin silver prints, most with NASA or press captions verso, minor creasing, mostly to corners and margins, c.200 x 245 mm (7 3/4 x 9 1/2 in), (17).

£300 - 400

12

Soviet Space Programme.- PORTRAITS OF PAVEL POPOVITCH, ALEXEI LEONOV AND OTHER COSMONAUTS AND WEIGHTLESSNESS TRAINING, c.1957-66, vintage gelatin silver prints, versos with A.F.P, Keystone, Tass and other agency stamps, occasional creasing, mainly to corners, v.s. between 105 x 170 mm (4 1/2 x 6 3/4 in) and 210 x 165 mm (8 1/4 x 6 1/2 in). (10)

£250 - 300

13

Soviet Space Programme.- A VARIED GROUP INCLUDING SPACESUITS, SPACE DOGS AND SPUTNIKS, c.1957-66, vintage gelatin silver prints, versos with A.F.P, Keystone, Tass and other agency stamps, occasional creasing, mainly to corners, v.s. between 105 x 170 mm (4 1/2 x 6 3/4 in) and 210 x 165 mm (8 1/4 x 6 1/2 in). (8)

£250 - 350



Unknown photographer ANDROMEDA NEBULA, c.1958, vintage chromogenic print, abrasion marks to margins where old tape removed, chipping and small tears to left edge, minor marginal creasing, loose in a modern card mount, c.505 x 405 mm (20 x 15 3/4 in). £300 - 400

15

Explorer 1.- THE FIRST EARTH SATELLITE TOPS THE JUPITER-C ROCKET BEFORE ITS LAUNCH, 31 JANUARY 1958, chromogenic print, "This paper manufactured by Kodak" watermarks to verso, caption to verso, minor surface dirt, c.255 x 200 mm (10 x 8 in).

£300 - 400

16

Morse (Ralph) THE MERCURY SEVEN, MARCH 1960, numbered NASA B-60-1587 in black to margin, vintage gelatin silver print, minor creasing and surface cracks, c.270 x 205 mm (10 1/2 x 8 in),

*** NASA's elite "Astronaut Group 1", Alan Shepard, Walter Schirra, Donald Slayton, Gordon Cooper, Gus Grissom, Scott Carpenter and John Glenn. Morse, a staff photographer with 'Life', spent so much time with the group that he was nicknamed "the eighth astronaut."

£600 - 800

17

Morse (Ralph) THE MERCURY SEVEN, 1959-60, vintage gelatin silver prints, numbered in the margin, NASA captions or manuscript notes to versos, minor creasing, c.205 x 255 mm (8 x 10 in), (4).

£400 - 600

18

Luna 3.- A U.S. ANNOTATED VERSION OF THE FIRST IMAGE OF THE FAR SIDE OF THE MOON, OCTOBER 1959, vintage gelatin silver press print, U.P.I. caption to recto, reference stamp to verso, some surface cracking and creases, small (c.15mm) tear to bottom edge, 230 x 180 mm (9 x 7 in).

£200 - 300

19

TECHNICIANS AT WORK ON PROTOTYPES OF THE APOLLO COMMAND AND SERVICE MODULES, 1960s, together 8 vintage gelatin silver prints, North American Aviation caption slips stapled to top borders with stamps to versos, minor marginal creasing, c.255 x 205 mm (10 x 8 in), (8). £300 - 400

20

Cosmonauts.- Baturin (Vasily M., photographer and cinematographer) Yuri Gagarin, the first man in space, 1960-67, four vintage gelatin silver prints, with ink inscriptions, some extensive, in Russian on versos, some signed by Baturin, some also credited to his assistant B.A. Smirnova, minor creasing to some corners, one with tiny abrasion mark to edge of image, c.125 x 175 mm (5 x 6 3/4 in), (4).

*** Rare. An album by Baturin entitled "Brothers of the Cosmos" was illustrated as plates 63-66 in the catalogue of the exhibition "Apollo's Muse: The Moon in the Age of Photography", The Metropolitan Museum of Art, New York, 2019. Catalogue no. 65 includes a portrait of Gagarin also present in this group.

£1,000 - 1,500

21

Cosmonauts.- Baturin (Vasily M., photographer and cinematographer) Yuri Gagarin, the first man in space, with Gherman Titov, the second man to orbit the Earth, with 3 similar views of Baturin demonstrating a movie camera 1960-67, vintage gelatin silver prints, with ink inscriptions, some extensive, in Russian on versos, some signed by Baturin,

some also credited to his assistant B.A. Smirnova, minor creasing to some corners, c.125 x 175 mm (5 x 6 3/4 in), (5). £1,000 - 1,500

22

Cosmonauts.- Baturin (Vasily M., photographer and cinematographer) A GROUP OF PHOTOGRAPHS RECORDING SOVIET COSMONAUTS 1960-67, vintage gelatin silver prints, with ink inscriptions, some extensive, in Russian on versos, many signed by Baturin, some also credited to his assistant B.A. Smirnova, loose in a paper folder inscribed by Baturin, minor creasing to some corners, one with tiny abrasion mark to edge of image, c.125 x 175 mm (5 x 6 3/4 in), (5).

£400 - 500

23

NASA.- A VARIED COLLECTION INCLUDING OFFICIAL PORTRAITS OF SHEPARD, MATTINGLY, IRWIN, WORDEN, SCOTT AND SLAYTON, 1960s-70s, vintage gelatin silver prints, most with captions verso, occasional minor creasing, mostly marginal, in sleeves in binder, c.255 x 205 mm (10 x 8 in.) (16).

£200 - 300

24

NASA.- COLLECTION OF PHOTOGRAPHS, PRINTS AND EPHEMERA RELATING TO SPACE EXPLORATION, 1960s-70s, vintage gelatin silver prints and chromogenic prints, lithographed prints and mission reports and related pamphlets, most photographic prints with NASA captions to verso, various sizes but most c.255 x 205 mm (10 x 8 in), (c.60).

*** An interesting collection including: images of rockets; Martian landscapes; extraterrestrial views; astronauts in training; astronauts' families; concept art and many more showing work taking place at NASA. £500 - 700

25

NASA.- A VARIED COLLECTION INCLUDING THE ROCKET-POWERED X-15 AIRCRAFT, WORDEN'S EVA, THE "ANGRY ALLIGATOR", EARTH AND MOON VIEWS,

AND TELSTAR SATELLITE, 1960s-70s, vintage gelatin silver and vintage chromogenic prints, most with captions verso, occasional minor creasing, mostly marginal, in sleeves in binder, c.255 x 205 mm (10 x 8 in.) (20).

£300 - 400

26

NASA.- COLLECTION OF PHOTOGRAPHS RELATING TO SPACE EXPLORATION, 1960s-70s, vintage gelatin silver prints and chromogenic prints, most with NASA captions to verso, minor creasing, c.255 x 205 mm (10 x 8 in), (c.60).

*** An interesting collection including: images of rockets; astronauts in training; concept art and similar showing work taking place at NASA.

£500 - 700

27

Tiros.- EARTH VIEWS TAKEN BY THE U.S.
OBSERVATION SATELLITES TIROS I, III, IV AND V,
1960-62, together 4 vintage gelatin silver
press prints, U.P.I. captions to rectos, credit
stamps to versos, biro mark to 2 prints, minor
creasing, c.178 mm x 230 mm (7 x 9 in), (4).
£200 - 300

28

Gemini.- A group of STUDIES OF ASTRONAUTS INCLUDING YOUNG, SCHIRRA, SHEPARD, LOVELL, MCDIVITT AND WHITE, C.1960-66, vintage gelatin silver prints, most with French press captions verso, occasional minor creasing to corners, c.185 x 130 mm (7 x 5 in.) (14).

£300 - 400

29

Gemini.- A GROUP OF STUDIES OF ASTRONAUTS INCLUDING ALDRIN, CERNAN, STAFFORD, GRISSOM, c.1960-66, vintage gelatin silver prints, most with French press captions verso, occasional minor creasing to corners; and 2 larger portraits of John Glenn, c.185 x 130 mm (7 x 5 in.) and c.220 x 170 mm (8 1/2 x 6 3/4 in), (16).

£300 - 400

30

Mercury - Redstone 3.- THE FIRST AMERICAN IN SPACE, THE MERCURY-REDSTONE 3 ROCKET CARRYING THE FIRST U.S. ASTRONAUT ALAN SHEPARD LAUNCHES FROM CAPE CANAVERAL, 5 May 1961, vintage chromogenic print, NASA caption on verso, c.255 x 205 mm (10 x 8 in).

£400 - 600

31

ALAN SHEPARD, THE FIRST AMERICAN IN SPACE, WINCHED ABOARD A HELICOPTER AFTER SPLASHDOWN, 5 MAY 1961; Formal portrait of Alan Shepard, and 5 views of pre-flight water training, vintage gelatin silver prints, 6 numbered in black in margins, 3 with NASA credits to versos, minor creasing, c.255 x 205 mm (10 x 8 in.), (7).

*** Numbered: G-60-2742; B-60-216; B-60-217; B-60-218; B-60-221; B-60-224.

£300 - 400

32

Glenn (John) THE FIRST AMERICAN MANNED ORBITAL FLIGHT ..., authentic recordings from the Mercury Capsule in orbit, with music themes, long-playing record, Reprise, 1961; with, First Man on the Moon, 45 rpm record narrated by Hugh Downs, 1969 (2).

£50 - 75

33

Rockets.- THE SATURN C-1, REDSTONE / MERCURY AND JUNO ROCKETS AT HUNTSVILLE, ALABAMA, FEBRUARY 1961, vintage chromogenic prints, mounted on card, one or two abrasion marks, c.185 x 240 mm (7 1/4 x 9 1/4 in) (2). £300 - 400

34

Rockets.- A GOOD GROUP OF TITAN AND OTHER ROCKETS ON THE LAUNCH PAD AND AT LIFT-OFF, 1961, vintage chromogenic prints, mounted on card, one or two abrasion marks, $c.185 \times 240 \text{ mm}$ (7 1/4 x 9 1/4 in) to $c.260 \times 205 \text{ mm}$ (10 1/4 x 8 in), (8).

£300 - 400

35

JOHN GLENN UNDERGOES PRE-FLIGHT TESTS, 1962, 6 vintage gelatin silver prints, all but the last with NASA captions to versos, 2 numbered NASA S-61-1796 and S-61-2582, faint marginal stain to one print, minor creasing, some surface cracks, c.255 x 205 (10 x 8 in), (6)

£400 - 600

36

COLLECTION OF ARTISTS' CONCEPT DESIGNS, c.1962-64, vintage gelatin silver prints, most versos with captions by North American Aviation, Martin Marietta and other NASA contractors, minor creasing, one more heavily creased, 205 \times 255 mm (8 \times 10 in), (16)

£300 - 500

37

COLLECTION OF ARTISTS' CONCEPT DESIGNS; and 3 diagrams, c.1964-66, vintage gelatin silver prints, most versos with captions by North American Aviation, Martin Marietta and other NASA contractors, minor creasing, one more heavily creased, 205 x 255 mm (8 x 10 in), (16) *** Concept designs and diagrams of the Apollo Lunar Module, Titan II rocket, Lunar Orbiter and other spacecraft.

£300 - 500

38

Friendship 7.- SOUVENIR SLIDES FROM AMERICA'S FIRST ORBITAL FLIGHT TAKEN BY LT. COL. JOHN GLENN WITH THE ANSCO AUTOSET CAMERA, DECEMBER 1962, printed envelope and set of 4 colour slides, numbered 1-4, c.50 x 50 mm (2 x 2 in.), scarce.

*** Glenn was the first man to take a still camera into space.

£200 - 300

39

Mercury Astronauts.- THE MERCURY SEVEN, c.1959-62, together 16 vintage silver gelatin prints, most informal studies, most with captions or photographer credits to versos, one with 2mm tear to edge, one with 20mm tear to bottom edge, not affecting images,

c.205 x 255 mm (8 x 10 in) and c.240 x 160 mm (9 1/2 x 6 1/4 in), (16).

*** Including images from a 1959 space conference and informal studies of Malcolm Scott Carpenter, Walter Schirra, Virgil Grissom, Alan Shepard, Donald Slayton and John Glenn.

£400 - 500

40

Mercury Astronauts.- THE MERCURY SEVEN, C.1959-62, together 16 vintage silver gelatin prints, most informal studies, most with captions or photographer credits to versos, minor creasing, one with 2mm tear to edge, one with 20mm tear to bottom edge, not affecting images, c.205 x 255 mm (8 x 10 in) and c.240 x 160 mm (9 1/2 x 6 1/4 in), (16). *** Including images of Gus Grissom, John Glenn and Alan Shepard during various training, as well as all seven Project Mercury astronauts having breakfast with Dr. William Douglas on the morning of Alan Shepard's suborbital flight.

£400 - 500

41

Mercury Astronaut. - WALTER SCHIRRA:

PRESSURE SUIT PORTRAIT STANDING BY A SPACECRAFT MODEL, 1962, vintage gelatin silver print, trimmed, signed and dated 2004 in pencil by Schirra, NASA caption to verso, minor surface cracks; and 2 similar smaller portraits, also signed and dated by Schirra, c.235 x 180 mm (9 1/4 x 7 in), (3).

£400 - 500

42

Mercury Astronauts.- PORTRAITS OF WALTER SCHIRRA AND GORDON COOPER, 1962-63, together 4 vintage gelatin silver prints, numbered in black to margins, NASA captions to versos, marginal creasing, one with 5mm marginal tear to left edge, c. 255 x 220 mm (10 x 8 1/2 in). (4).

*** Numbered NASA S-62-1453; G-60-2410; S-62-1436 and S-62-5162

£300 - 400

43

Mercury Astronaut.- GORDON COOPER, 1963, 2 vintage gelatin silver press prints, AFP captions verso, both signed in pencil and dated Aug. 2004 on verso, c.185 x 130 mm (7 1/4 x 5 in).

£300 - 400

44

Mercury Astronaut.- JOHN GLENN, 1966, portrait of Glenn standing in front of a large U.S. flag, signed above on mount in ink, inscribed "Best regards to all our friends in Switzerland" and dated 4 June 1966, 95 x 135 mm (3 1/2 x 5 1/4 in).

£150 - 200

45

SIXTEEN ASTRONAUTS TAKE PART IN TROPIC SURVIVAL TRAINING IN THE CANAL ZONE, PANAMA, JUNE 1963, vintage gelatin silver prints, NASA captions to versos, minor marginal creasing, one with minor surface stains, 205 x 255 mm (8 x 10 in), (16).

*** The Mercury Seven plus Astronaut Group

£300 - 500

46

TWELVE ASTRONAUTS TAKE PART IN TROPIC SURVIVAL TRAINING IN THE CANAL ZONE, PANAMA, JUNE 1963; 5 views of desert training, Nevada, 1964, vintage gelatin silver prints, NASA captions to versos, minor marginal creasing, one with minor surface stains, 205 x 255 mm (8 x 10 in), (16).

£300 - 500

47

Gemini Astronauts.- A VARIED GROUP INCLUDING PORTRAITS OF THOMAS STAFFORD, EUGENE CERNAN, RUSSELL SCHWEICKART, GORDON COOPER, BUZZ ALDRIN AND JAMES LOVELL, 1964-66, 12 vintage gelatin silver prints, NASA captions to versos, occasional surface cracks and minor creasing, mostly marginal, c.255 x 205 mm (10 x 8 in), (12).

£400 - 600



Gemini Astronauts.- JOSEPH P. KERWIN AND RUSSELL L. SCHWEICKART INSIDE THE LUNAR EXCURSION MODULE SIMULATOR, 1966; Russell L. Schweickart in a Gemini pressure suit with his birthday cake, 1964, *vintage chromogenic prints, numbered NASA S-66-16289 and S-64-35437 in margins, "A Kodak Paper" watermarks and NASA captions to verso, minor creasing to corners, c.255 x 205 mm (10 x 8 in), (2).*

£300 - 400

49

Moon.- SERIES OF NINE VIEWS FROM RANGER VII, 31 JULY 1964; Fifteen Views from Ranger IX, 24 March 1965, vintage gelatin silver plates, text and JPL captions below images, minor marginal creasing, c.280 x 220 mm (11 x 8 1/2 in), (24).

£300 - 400

50

Moon.- FOUR LUNAR SURFACE VIEWS TAKEN BY THE AUTOMATIC CAMERAS ON RANGER VII AND RANGER VIII, AUGUST 1964 - FEBRUARY 1965, comprising 2 images each from Ranger VII and Ranger VIII, vintage gelatin silver prints, NASA captions to verso, the second with faint surface crack and minor crease to corner, 255 x 205 mm. (10 x 8 in), (4).

£300 - 400

51

ASSEMBLY OF THE TITAN III-C ROCKET, C.1965, vintage gelatin silver prints, captions taped to versos, minor creasing, one with small abrasion mark to the right edge, 205×255 mm $(8 \times 10 \text{ in})$, (3).

£150 - 200

52

ARTISTS' CONCEPT DESIGNS, 1965-81, vintage gelatin silver prints, captions to versos of all but one, 2 with captions to margins, minor marginal creasing, c.255 \times 205 mm (10 \times 8 in), (8).

*** A varied group including designs for Galileo, Viking, Voyager and the Orbiting

Astronomical Observatory.

£150 - 200

53

Karsh (Yousuf) PORTRAIT OF YURI GAGARIN, C.1965, PRINTED LATER, vintage gelatin silver print, signed by Karsh in ink to lower left corner, photographer's credit to verso, 340 x 265 mm (13 1/4 x 10 1/2 in.)

£800 - 1,200

54

Gemini 4.- McDivitt (James) ED WHITE WALKING IN SPACE OVER HAWAII, JUNE 1965, vintage chromogenic print, numbered in red NASA S-65-30431, "A Kodak Paper" watermarks to verso, NASA caption to verso, minor creasing to edges, c.205 x 255 mm (8 x 10 in). *** The first photograph of an astronaut in space taken by a hand-held camera. Flight pilot Edward H. White II during his twenty-minute spacewalk in the zero gravity of space, with 15 kg of equipment on his back and attached to the spacecraft by a 25ft umbilical line and 23ft tether line, both wrapped in gold tape to form one cord. The visor of his helmet is gold-plated to protect him from the unfiltered rays of the sun.

£1,500 - 2,000

55

Gemini 4.- McDivitt (James) ED WHITE WALKING IN SPACE OVER EL PASO, TEXAS, JUNE 1965, *vintage chromogenic print, numbered NASA 8-65-30428 in red to margin, "A Kodak Paper" watermarks to verso, NASA caption to verso, one or two faint fingerprints, 255 x 205 mm (10 x 8 in).*

£800 - 1,200

56

Gemini 4.- McDivitt (James) ED WHITE IN SPACE OVER THE PACIFIC OCEAN, JUNE 1965, vintage chromogenic print, numbered NASA S-65-30427 in red to margin, "A Kodak Paper" watermarks to verso, NASA caption to verso, minor marginal creasing, small mark to lower edge, 255 x 205 mm (10 x 8 in).

£800 - 1,200



Gemini 6.- Stafford (Thomas) THE SPACECRAFT APPROACHES TO WITHIN INCHES OF GEMINI 7 IN THE FIRST RENDEZVOUS IN SPACE, DECEMBER 1965, vintage oversize chromogenic print, on a NASA mount signed by Walter Schirra and Thomas Stafford and inscribed to Lud. Andolsek below image in ink, in modern card mount, old surface crack to one corner, image c.275 x 350 mm (11 x 13 3/4 in), NASA mount c.405 x 510 mm (16 x 20 in).

£2,000 - 3,000

58

Gemini 7.- Lovell (James) FULL MOON OVER THE EARTH, DECEMBER 1965, 2 consecutively numbered vintage chromogenic prints, numbered in red NASA S-65-63872 and S-65-63873, "A Kodak Paper" watermarks to verso, NASA captions to verso, small mark to top right corner of the first, minor marginal creasing to the second, 205 x 255 mm (8 x 10 in.), (2).

£700 - 900

59

Gemini 7.- PHOTOGRAPHED FROM GEMINI 6 DURING THE FIRST RENDEZVOUS IN SPACE, DECEMBER 1965; 2 views of the Gemini 8 rendezvous with the Agena Target Vehicle, March 1966, vintage gelatin silver press prints, U.P.I. captions to recto, credit stamps to versos, fingerprints to the first, minor creasing, 180 x 230 mm (7 x 9 in), (3).

£300 - 400

60

Gemini 7.- Lovell (James) A STRIKING PORTRAIT OF FRANK BORMAN IN THE CAPSULE DURING THEIR TWO-WEEK FLIGHT, DECEMBER 1965, vintage Associated Press print, caption recto, printed on thin matt paper, card mount, print measures c.285 x 190 mm (11 x 7 1/2 in).

*** A Hasselblad camera magazine floats in weightlessness above Borman's head.
£300 - 400

61

Saturn V.- VARIOUS STAGES OF THE ASSEMBLY OF

THE SATURN V ROCKET IN PREPARATION FOR ITS FIRST FLIGHT IN NOVEMBER 1967, 1965-67, vintage gelatin silver prints, NASA captions to versos, minor creasing, one with 40mm tear to lower right edge and creased lower corners, 205 x 255 mm (8 x 10 in), (4).

£200 - 300

62

Apollo - Saturn 201.- LIFT-OFF: LAUNCH OF THE UNCREWED SUBORBITAL FLIGHT TO TEST THE NEW SATURN 1B ROCKET AND APOLLO COMMAND AND SERVICE MODULES, 26 FEBRUARY, 1966, vintage chromogenic print, NASA caption on verso, c.255 x 205 mm (10 x 8 in).

£200 - 300

63

Apollo 1 / AS-204.- FIVE PORTRAITS OF THE CREW, 1966-67, vintage gelatin silver prints, 4 with NASA captions to versos, surface cracks, minor creasing, c.205 x 255 mm (8 x 10 in), (5).

*** The crew, Ed White, Virgil Grissom and Roger Chaffee, tragically died in a cabin fire during a launch rehearsal on 27 January, 1967.

£500 - 700

64

Lunar Orbiter 2.- AN OBLIQUE VIEW INTO COPERNICUS CRATER, 24 NOVEMBER 1966, *vintage gelatin silver print, minor creasing, 205 x 255 mm (8 x 10 in).*

*** "Life" magazine called this image "The Picture of the Century."

£700 - 900

65

Surveyor 1.- THE FIRST AMERICAN PHOTOGRAPH SENT FROM THE LUNAR SURFACE AT 11.52 PDT, 1 JUNE 1966; vintage gelatin silver print, minor marginal creasing, 205 x 255 mm (8 x 10 in). **** Taken less than an hour after Surveyor 1's successful soft landing.

£700 - 900

66

Surveyor 1.- VIEWS OF COMPONENTS OF THE SPACECRAFT SENT FROM THE LUNAR SURFACE, 1 JUNE, 1966, vintage gelatin silver prints, and a NASA captions sheet describing the group, minor marginal creasing, 205 x 255 mm (8 x 10 in), (6)

£400 - 600

67

Surveyor 1.- THE FIRST NINE AMERICAN VIEWS OF THE LUNAR HORIZON AND SURFACE SENT FROM THE MOON, JUNE 1966, vintage gelatin silver prints, minor creasing, 205 x 255 mm (8 x 10 in), (9). £600 - 800

68

ATS-111 Satellite.- SEQUENCE OF FIVE SUNRISE-TO-SUNSET VIEWS OF EARTH, 18 NOVEMBER 1967, vintage gelatin silver print, NASA caption to verso, minor creasing, small surface crack, c.205 x 255 mm (8 x 10 in).

*** The image at noon is the first high-quality photograph of the whole planet Earth.

£400 - 600

69

[STANLEY KUBRICK] 2001: A SPACE ODYSSEY, MGM, 1968, a window card poster, colour photolithograph on thick card, fine condition, c. 560 mm x 355 mm (22 x 14 in).

£300 - 400

70

Apollo 8.- BOTH SIDES OF THE ATLANTIC OCEAN PHOTOGRAPHED AS THE SPACECRAFT LEFT EARTH ORBIT FOR THE FIRST TIME, DECEMBER 1968, vintage chromogenic print, "A Kodak Paper" watermark to verso, NASA caption verso, three small surface cracks in dark sky area, small loss to right margin, c.260 x 205 mm (10 1/4 x 8 in).

£300 - 400

71

Apollo 8.- TWO NEAR VERTICAL LUNAR SURFACE VIEWS TAKEN BY THE TELEPHOTO LENS, December 1968, vintage chromogenic prints, NASA captions to versos, "A Kodak print"

watermarks on versos, handling creases, modern card mount, c.260 x 205 mm (10 1/4 x 8 in). (2).

£300 - 400

72

Apollo 8.- The Caribbean Sea and the south-EASTERN UNITED STATES SEEN AS THE SPACECRAFT LEFT EARTH ORBIT FOR THE MOON, DECEMBER 1968, vintage chromogenic print, [NASA AS8-16-2581], NASA caption to verso, "A Kodak Paper" watermarks to verso, modern card mount, c.260 x 205 mm (10 1/4 x 8 in). £300 - 500

73

Apollo 8.- AN OBLIQUE VIEW OF THE LUNAR HORIZON, DECEMBER, 1968, vintage chromogenic print, NASA caption and watermark "A Kodak Paper" on verso, c.205 x 255 mm (10 x 8 in).

*** An uncommon subject.

£200 - 300

74

Apollo 8.- EARTHRISE ABOVE THE LUNAR SURFACE, DECEMBER 1968, vintage gelatin silver press print, U.P.I caption dated 30/12/68 to recto and printed credit verso, minor creasing to top corners, not affecting image, c.205 x 255 mm (8 x 10 in).

£400 - 600

75

Apollo 8.- Anders (William) THE FIRST COLOUR PHOTOGRAPH OF EARTH TAKEN BY AN ASTRONAUT, DECEMBER 1968, vintage chromogenic print, "A Kodak Paper" watermarks to verso, numbered NASA AS8-16-2593 in red to upper margin, fingerprints, some creasing and surface cracks, 205 x 255 mm (8 x 10 in).
£1,000 - 1,500

76

Apollo 8.- Frank Borman.- PRIME CREW OF THE SECOND MANNED APOLLO MISSION, 1968, vintage colour photolithograph, signed and dedicated in ink by Borman, NASA caption to verso, faint creasing to corners, 255 x 205 mm (10 x 8 in). £150 - 200

77

Apollo 9.- The Lunar Module seen from the Command and Service Module; View from the Window of the Command and Service Module, March 1969, vintage gelatin silver prints, NASA captions to verso, minor creases, the first with small abrasion mark to upper margin, 205 x 255 mm (8 x 10 in), (2). £300 - 400

78

Apollo 10.- MOON VIEW IDENTIFYING THE FUTURE LANDING SITE OF APOLLO 11 IN THE SEA OF TRANQUILITY, MAY 1969, vintage gelatin silver press print with U.P.I. caption recto, credit stamp verso, surface cracks at left and right edges, slight creasing, 205 x 255 mm (8 x 10 in).

£150 - 200

79

Apollo 11.- NEIL ARMSTRONG'S FIRST STEPS ONTO THE MOON AT 9.56PM HOUSTON TIME WITH THE SHADOW OF LM EAGLE IN THE BACKGROUND, 20 JULY 1969, together 3 vintage gelatin silver press prints, Associated Press captions to rectos, minor creasing and one or two faint abrasion marks to margins, 230 x 180 mm (9 x 7 in), (3). *** Three rare views of Armstrong's first steps onto the Moon. Taken by a 16mm Data Acquisition Camera operated by Buzz Aldrin and mounted in the right window of the Lunar Module.

£1,200 - 1,500

80

Apollo 11.- BUZZ ALDRIN POSES BESIDE THE U.S. FLAG, JULY 20, 1969, vintage gelatin silver print, U.P.I. caption recto, credit stamps verso, signed verso in pencil by Aldrin and dated "July 20 1969", further dated 9-5-04, minor creasing to corners, 205 x 255 mm (8 x 10 in). £300 - 500

81

Apollo 11.- Three dimensional composite PICTURE OF BUZZ ALDRIN ON THE MOON, THE LUNAR MODULE, FLAG AND THE EARTH, 1969, *GAF View-Master, signed verso in pencil by Aldrin and*

dated "July 20 1969", further dated 9-5-04, GAF View-Master caption to verso, one or two small scratches, 155 x 215 mm (6 x 8 1/2 in). £250 - 350

82

Apollo 11.- Armstrong (Neil) PORTRAIT OF BUZZ ALDRIN, THE "VISOR" IMAGE, 1969, vintage gelatin silver print, signed verso in pencil by Aldrin and dated "July 20, 1969", further dated 9-5-04, NASA caption verso, short tear (20 mm) into image at top left, small abrasion mark to top margin, minor creasing and surface cracks, 255 x 205 mm (10 x 8 in). £300 - 500

83

Apollo 11.- Armstrong (Neil) AN UNCOMMON CLOSE-UP VIEW OF BUZZ ALDRIN'S GOLD-PLATED VISOR, REFLECTING THE U.S. FLAG, THE LUNAR MODULE AND NEIL ARMSTRONG, THE PHOTOGRAPHER, JULY 1969, vintage gelatin silver press print, U.P.I. caption to recto, credit stamp to verso, minor creasing to left edge, faint surface cracks, 255 x 205 mm. (10 x 8 in). £400 - 600

84

Apollo 11.- Armstrong (Neil) BUZZ ALDRIN WITH THE REFLECTION OF THE LUNAR MODULE AND THE PHOTOGRAPHER IN HIS VISOR, JULY 1969, near vintage chromogenic print, borderless, on resin-coated paper watermarked "This Paper Manufactured by Kodak", tiny chip to bottom right corner, c.255 x 205 mm (10 x 8 in). £600 - 800

85

Apollo 11.- DAEDALUS CRATER ON THE LUNAR FAR SIDE, JULY 1969, vintage gelatin silver print, NASA caption to verso, small ?ink mark to lower margin, minor marginal creasing, 255 x 205 mm (10 x 8 in).

£300 - 400

86

Apollo 11.- BUZZ ALDRIN DESCENDING THE LADDER OF THE LUNAR MODULE, JULY 1969, vintage oversize chromogenic print, on a NASA card

mount, signed and inscribed in ink on mount by Aldrin, print c.505 x 405 mm (20 x 16 in). *** Inscribed "To Ken Sharp with very best wishes and personal thanks for your unselfish help over the years. Buzz Aldrin, Apollo 11." £6,000 - 8,000

87

Apollo 11.- SPACESUIT PORTRAIT OF BUZZ ALDRIN, 1969, vintage oversize chromogenic print, boldly signed in ink by Aldrin, on a NASA card mount, in modern card mount, c.350 x 275 mm (13 3/4 x 10 3/4 in).

*** A relatively uncommon pose of Buzz Aldrin in profile to the left, with the Moon as background, and holding a model of the Lunar Module.

£1,000 - 1,500

88

Apollo 11.- A GROUP OF PHOTOGRAPHS TAKEN FROM A GERMAN TELEVISION BROADCAST BY AN UNKNOWN AMATEUR, JULY 1969, vintage gelatin silver prints, traces of old mounting on versos, c.105 x 75 mm (4 x 3 in), (40).

*** The group includes 6 views of Armstrong and Aldrin walking on the Moon. A rare record from a pre-digital era.

A similar group was in the exhibition "Apollo's Muse: the Moon in the Age of Photography", Metropolitan Museum of Art, New York, 2019, Cat. no 82.

£300 - 400

89

Apollo 11.- BUZZ ALDRIN SETS UP THE PASSIVE SEISMIC EXPERIMENT, JULY 1969, vintage chromogenic print, watermarked verso "A Kodak Paper", [NASA AS11-40-5949], c.205 x 255 mm (8 x 10 in).

£400 - 600

90

Apollo 11.- THE LUNAR MODULE "EAGLE" AND THE U.S. FLAG, JULY 1969, vintage chromogenic print, verso watermarked "A Kodak Paper", c.205 x 255 mm (8 x 10 in).

£400 - 600

91

Apollo 11.- The first photograph of a man standing on the Moon: Buzz Aldrin unfurls the solar wind sheet next to the Lunar Module, July 1969, vintage chromogenic print, verso watermarked "A Kodak Paper", tiny creasing to corners not affecting image, image c.245 x 190 mm (9 5/8 x 7 1/2 in), paper c.280 x 210 mm (11 x 8 1/4 in).

*** An uncommon format and variant crop. £1,500 - 2,000

92

Apollo 11.- Armstrong (Neil) THE FIRST PHOTOGRAPH TO SHOW A MAN ON THE MOON, BUZZ ALDRIN UNFURLS THE SOLAR WIND COLLECTOR, JULY 1969, vintage gelatin silver print, NASA caption to verso, minor creasing, c.255 x 205 mm (10 x 8 in).

£600 - 800

93

Apollo 11.- BUZZ ALDRIN STANDS NEXT TO THE SEISMIC EXPERIMENT, THE LUNAR MODULE IN THE BACKGROUND, JULY 1969, vintage chromogenic print, [NASA AS11-40-5948], verso watermarked "A Kodak Paper", c.205 x 255 mm (8 x 10 in).

£400 - 600

94

Apollo 11.- Buzz Aldrin at the Seismic EXPERIMENT AND CARRYING PARTS OF the EASEP EXPERIMENT, JULY 1969, vintage gelatin silver prints, NASA captions to versos, minor creasing, c.255 x 205 mm (10 x 8 in), (2). £200 - 300

95

Apollo 11.- Armstrong (Neil) THREE STUDIES OF BUZZ ALDRIN; DESCENDING THE LADDER OF THE LUNAR MODULE, WALKING TOWARDS A LEG OF THE LUNAR MODULE AND STANDING BY THE U.S. FLAG, JULY 1969, vintage gelatin silver press prints, U.P.I captions to rectos, credit stamps to versos, the last with small 5 mm tear to bottom edge, some creasing and surface cracks, 205 x 255 mm (8 x 10 in), (3).

£600 - 800



Apollo 11.- Armstrong (Neil) BUZZ ALDRIN STANDING BY THE SOLAR WIND COLLECTOR IN FRONT OF THE LUNAR MODULE; BUZZ ALDRIN DESCENDING THE LADDER FROM THE LUNAR MODULE, JULY 1969, vintage gelatin silver prints, NASA captions to verso, minor creasing to the first, the second with creases, small red label and minor marginal surface marks to recto, 255 x 205 mm (10 x 8 in), (2).

£400 - 600

97

Apollo 11.- Armstrong (Neil) BUZZ ALDRIN LEAVES THE LUNAR MODULE TO DESCEND THE LADDER TO THE LUNAR SURFACE, JULY 1969, near vintage chromogenic print, borderless, on resin-coated paper watermarked "This Paper Manufactured by Kodak", c.255 x 205 mm (10 x 8 in).

£400 - 600

98

Apollo 11.- THE TIMES, "THE LUNAR ODYSSEY", special supplement reporting the first moon landing, colour and black and white illustrations, carefully folded down the middle, slight chipping and browning to edges, folio, August 7 1969.

£60 - 80

99

Apollo 12.- Bean (Alan) PETE CONRAD HOLDS THE U.S. FLAG; Conrad at Surveyor Crater § Conrad (Pete) Alan Bean conducting experiments, November 1969, vintage gelatin silver prints, NASA captions to verso, minor creasing, the second with Conrad faintly outlined in white watercolour, and with 2 small marginal crayon marks, 205 x 255 mm. (8 x 10 in.), (3). £400 - 600

100

Apollo 12.- Conrad (Pete) ALAN BEAN HOLDS A LUNAR SOIL SAMPLER, THE PHOTOGRAPHER REFLECTED IN HIS VISOR, NOVEMBER 1969, vintage gelatin silver print, U.P.I. caption slip tipped to verso, ink credit stamp verso, light creasing, 205 x 255 mm (8 x 10 in).

£600 - 800

101

Apollo 13.- EARTH, CENTRED ON THE SOUTH-EASTERN UNITED STATES, APRIL 1970, vintage large-format gelatin silver print on matt paper, [NASA AS13-60-8588], one or two minor surface creases, c.350 x 280 mm (14 x 11 in).

£300 - 400

102

Apollo 14.- LIFT OFF OF THE ASCENT STAGE
PHOTOGRAPHED BY A MOVIE CAMERA ONBOARD THE
LUNAR MODULE, FEBRUARY 1971, vintage
chromogenic print, "A Kodak Paper"
watermark to verso, NASA caption to verso,
NASA S-71-19500 in red to margin; with a
gelatin silver print of the same, and a copy of
the negative, 205 x 255 mm (8 x 10 in), (3).
£300 - 400

103

Apollo 14.- ASTRONAUTS ALAN SHEPARD AND EDGAR MITCHELL, FEBRUARY 1971, comprising 3 vintage gelatin silver prints, the last with a copy of the negative, NASA reference numbers to margins, slight creasing to corners, 205 x 255 mm (8 x 10 in), (3).

*** The prints are numbered; NASA AS14-64-9140; AS14-64-9089; AS14-66-9230 £600 - 800

104

Apollo 14.- SUN FLARE OVER THE LUNAR MODULE, FEBRUARY 1971, vintage gelatin silver print, numbered NASA AS14-66-9306 to margin, with a copy of the negative, minor creasing to right edge; and 3 views of nearby equipment, February 1971, vintage gelatin silver prints, one with a copy of the negative, NASA numbers in black to margins, 205 x 255 mm.



(8 x 10 in), (4). £500 - 700

105

Apollo 14.- Mitchell (Edgar) ALAN SHEPARD HOLDS THE U.S. FLAG; Double portrait of Alan Shepard and Edgar Mitchell taken by a 16mm. camera, February 1971, vintage gelatin silver prints, the first with a copy of the negative, numbered in black to upper margins, NASA AS14-66-9232; S-71-19510; and 2 others similar, 205 x 255 mm (8 x 10 in), (4). £500 - 700

106

Apollo 15.- DAVID SCOTT AND JAMES IRWIN WITH THE LUNAR ROVER, AUGUST 1971, together 2 vintage gelatin silver prints, numbered in black to upper margins, very slight bumping to corners, 205 x 255 mm., (8 x 10 in), (2).

*** Numbered NASA AS15-85-11451 and AS15-82-11121
£300 - 400

107

Apollo 15.- DAVID SCOTT AND JAMES IRWIN WITH THE LUNAR ROVER, AUGUST 1971, together 2 vintage gelatin silver prints, numbered in black to upper margins, very slight bumping to corners, 205 x 255 mm., (8 x 10 in), (2).

*** Numbered NASA AS15-82-11168 and AS15-85-11437.

£300 - 400

108

Apollo 15.- DAVID SCOTT AND JAMES IRWIN TAKE PART IN GEOLOGY TRAINING, NOVEMBER 1970, together 6 vintage chromogenic prints, "A Kodak Paper" watermarks to verso, NASA captions to verso, all but the last numbered in red to recto, minor creasing to corners, 205 x 255 mm (8 x 10 in), (6).

*** Numbered: NASA S-71-23774; S-71-23772; S-70-53286; S-70-53290; S-70-53283. £300 - 400

109

Apollo 15.- DAVID SCOTT AND JAMES IRWIN AT HADLEY DELTA, WITH A VIEW OF THE LUNAR ROVER, AUGUST 1971, together 3 vintage gelatin silver prints, numbered NASA AS15-85-11514; AS15-88-11901; AS15-92-12424 in black, minor marginal creasing, 205 x 255 mm. (8 x 10 in), (3)

£400 - 600

110

Apollo 15.- Irwin (James) THE LUNAR MODULE AND THE U.S. FLAG AT HADLEY APENNINE, AUGUST 1971, vintage gelatin silver print, numbered NASA AS15-82-11057 in black; Two lunar landscapes, vintage gelatin silver prints, numbered NASA AS15-82-11082 and S15-90-12187, small crease to right edge of the first, 205 x 255 mm., (8 x 10 in), (3).

£400 - 600

111

Apollo 15.- Scott (David) JAMES IRWIN SALUTES THE U.S. FLAG; JAMES IRWIN STANDS AT THE LUNAR ROVER; JAMES IRWIN DIGS A TRENCH, AUGUST 1971, vintage gelatin silver prints, the first 2 numbered NASA AS15-88-11863 and AS15-86-11602, NASA caption to verso of the last, the last with minor creasing and a tiny nick to the left edge, 205 x 255 mm (8 x 10 in), (3). £400 - 600

112

Apollos 14 and 16.- Kavafes (Craig) THREE ARTIST'S CONCEPT DESIGNS FOR THE GRUMMAN AEROSPACE CORPORATION, MOONSCAPES WITH ASTRONAUTS AT THE LUNAR MODULE, JANUARY 1971 - MARCH 1972, vintage chromogenic prints, "A Kodak Paper" watermarks and NASA captions verso, numbered NASA S-72-31261; S-71-16102 and S-71-16101 in red to margins, c.205 x 255 mm (8 x 10 in), (3).

£100 - 150

113

Apollo 16.- John Young and Charles Duke EXPLORE THE LUNAR SURFACE AT PLUM CRATER AND NORTH RAY CRATER, APRIL 1972, together 3 vintage gelatin silver prints, numbered NASA

AS16-114-18423; AS16-106-17340 and AS16-109-17804, minor marginal creasing, 205 x 255 mm (8 x 10 in), (3).

£400 - 600

114

Apollo 16.- The NEAR FULL MOON PHOTOGRAPHED BY THE FAIRCHILD METRIC CAMERA, IN THE SIM BAY OF THE SERVICE MODULE, AS THE SPACECRAFT LEFT LUNAR ORBIT ON ITS JOURNEY TO EARTH, JUNE 1972, vintage gelatin silver print, NASA caption to verso, faint ink-stamp to top margin, minor creasing, 255 x 205 mm (10 x 8 in).

£400 - 600

115

Apollo 16.- VIEWS OF CHARLES DUKE COLLECTING LUNAR SAMPLES AT PLUM CRATER, AND, JOHN YOUNG'S JUMPING SALUTE, APRIL 1972, vintage gelatin silver prints, NASA captions and watermarks "A Kodak Paper" on versos, minor marginal creasing to corners, not affecting images, c.205 x 255 mm, (8 x 10 in), (2). £300 - 400

116

Apollo 16.- Duke (Charles) JOHN YOUNG'S JUMPING SALUTE, APRIL 1972; Young at the Lunar Rover, April 1972, vintage chromogenic prints, "A Kodak Paper" watermarks verso, the first trimmed in top margin with loss of number, the second numbered NASA AS16-107-17436 in red to margin, NASA caption to versos, 190 x 255 mm (7 1/2 x 10 in) and 205 x 255 mm (8 x 10 in), (2).

500 - 700

117

Apollo 16.- Duke (Charles) JOHN YOUNG'S JUMPING SALUTE, APRIL 1972; John Young at the Rover next to the Lunar Module, April 1972, vintage gelatin silver prints, numbered NASA AS16-113-18339 and AS16-107-17436 in black, NASA caption to verso of the second, minor crease to right edge of the second, 205 x 255 mm (8 x 10 in), (2).

400 - 600

118

Apollo 16.- Duke (Charles) JOHN YOUNG PARKS THE LUNAR ROVER, MAY 1972; John Young stands at the site of the Apollo Lunar Surface Experiments, May 1972, vintage gelatin silver prints, NASA captions to verso, minor surface cracking to the first, 205 x 255 mm (8 x 10 in.), (2).

£300 - 400

119

Apollo 16.- Duke (Charles) JOHN YOUNG DRIVES THE ROVER IN A SPEED TRIAL, APRIL 1972; Charles Duke examines House Rock, April 1972, vintage chromogenic prints, "A Kodak Paper" watermark to versos, NASA caption to first verso, minor creasing; all numbered in red to top edge, 205 x 255 mm (8 x 10 in), (2).

*** Numbered: NASA S-72-37002; S16-116-18649.

£300 - 400

120

Apollo 16.- Duke (Charles) LUNAR EXPERIMENTS, APRIL 1972, vintage chromogenic prints, "A Kodak Paper" watermark to versos, NASA caption to first verso, minor creasing, numbered in red to top edge, 205 x 255 mm (8 x 10 in), (2).

*** Numbered: NASA AS16-107-17561 and AS16-107-17473.

£300 - 400

121

Apollo 17.- Schmitt (Harrison) EUGENE CERNAN DURING HIS FINAL SPACEWALK, § Cernan (Eugene) Harrison Schmitt examines a boulder, December 1972, vintage gelatin silver prints, NASA caption to verso of the last, ink press stamp to verso of the first, minor surface cracks to the first, minor creasing, 255 x 205 mm (10 x 8 in), (2).

£400 - 600

122

Apollo 17.- THE "BLUE MARBLE", c.1992, dyetransfer print, numbered 18 of 250 in black pen in margin, verso signed and numbered by the printer Dennis Ivy, minor marginal

creasing, c.580 x 555 mm (23 x 22 in).

*** Printed from the original transparency at Johnson Space Center.

Only the final Apollo mission saw the Earth fully illuminated and largely free of cloud. This has become one of the most reproduced images in history.

£2,000 - 3,000

123

Skylab.- EARTH VIEWS FROM SKYLAB 2, 3 AND 4, 1973-74, vintage chromogenic prints, comprising views of California, the Great Lakes and other lakes, Mountain ranges, the Mississippi, the Amazon River, South Africa and Florida, "Kodak" watermarks to versos, most with neat typed captions in margins, most numbered in red in margins, minor marginal creasing, c.205 x 255 mm (8 x 10 in), (35).

*** Numbered: SL2-104-1023; SL2-100-832; SL2-106-1193; SL4-142-4541; SL4-142-4532; SL3-88-004; SL4-141-4270; SL2-104-1021; SL2-104-1019; SL2-104-1028; SL2-100-848; SL2-100-844; SL2-100-847; SL2-104-1026; SL2-104-1022; SL2-104-1034; SL2-104-1033; SL4-142-4429; SL2-106-1198; SL2-106-1195; SL2-106-1196; SL2-106-1197; SL2-101-876; SL2-101-877; SL2-101-878; SL2-101-879; SL2-100-832; SL2-105-1103; SL2-105-1105; SL2-105-1097.

£700 - 900

124

Skylab 2, 3 and 4.- INTERIOR AND EXTERIOR VIEWS, 1973-75, together 8 vintage chromogenic prints, NASA numbers in red to margins of most, some with neat typed captions in margins, "Kodak" watermarks to versos, minor creasing, one with some surface cracking, c.205 x 255 mm (8 x 10 in), (8). *** Numbered: SL4-143-4691; SL2-100-799; SL2-100-797; SL2-100-797; SL2-1-126; SL3-118-2182.

£400 - 600

125

Skylab 2, 3 and 4.- INTERIOR AND EXTERIOR VIEWS,

1973-75, together 10 vintage chromogenic prints, NASA numbers in red to margins of most, some with neat typed captions in margins, "Kodak" watermarks to versos, c.205 x 255 mm (8 x 10 in), (10).

*** Numbered: SL2-100-800; SL2-1-122; SL2-1-118; SL2-1-120; SL2-1-124; SL2-100-803;

SL2-100-802; SL2-100-791; SL2-100-792; SL2-

100-794 £400 - 600

126

Skylab 2, 3 and 4.- EXTERIOR VIEWS, 1973-75, together 8 vintage chromogenic prints and 1 vintage gelatin silver print, NASA numbers in red to margins of most, some with neat typed captions in margins, "Kodak" watermarks to versos, one with NASA caption to verso, minor creasing, one with small stain to bottom corner, c.205 x 255 mm (8 x 10 in), (9).

*** The exterior views were taken during spacewalks and include images of running repairs, sunrises, panel deployment.

Numbered: SL2-102-892; SL2-100-801; SL2-1-107 (chromogenic and gelatin silver); SL2-102-893; SL2-102-897; SL2-100-795; SL2-100-807.
£400 - 600

127

Skylab 2, 3 and 4.- INTERIOR AND EXTERIOR VIEWS, 1973-75, together 6 vintage chromogenic prints, NASA numbers in red to margins of most, some with neat typed captions in margins, "Kodak" watermarks to versos, minor creasing, one with 30mm tear to bottom edge and surface soiling, one with some surface cracking, c.205 x 255 mm (8 x 10 in), (6).

*** Numbered: S-74-17305 and SL2-9-743. £300 - 400

128

Skylab 3.- ASTRONAUT OWEN GARRIOT WORKING ON THE TELESCOPE MOUNT, AUGUST 1973, vintage chromogenic print, borderless, on resin-coated paper watermarked "Kodak Professional Paper", c.205 x 255 mm (8 x 10 in). £150 - 200

129

Mercury.- Mariner 10. The first detailed IMAGES TAKEN DURING THE FIRST EXPLORATION OF THE PLANET BY A SPACECRAFT, March 1974, seven show the curvature of the planet's terminator and seven reveal the Moon-like cratered surface, together 14 vintage gelatin silver prints, NASA captions to versos, minor creasing, c.205 x 255 mm (8 x 10 in), (14). £600 - 800

130

Apollo-Soyuz Test Project.- THE SOVIET SPACECRAFT SOYUZ SEEN FROM THE APOLLO SPACECRAFT, JULY 1975, vintage chromogenic print, borderless, on resin-coated paper watermarked "Kodak Professional Paper", tiny minor crease to left edge, c.255 x 205 mm (10 x 8 in.).

£150 - 200

131

Apollo-Soyuz Test Project.- Two VIEWS OF THE SOYUZ SPACECRAFT TAKEN FROM THE RENDEZVOUS WINDOW OF THE APOLLO SPACECRAFT, MARCH - JULY 1975; 3 portraits of the Russian crew members, Alexei Leonov and Valeri Kubasov, March - July 1975, together 5 vintage gelatin silver prints, NASA captions to versos, one or two minor surface cracks, minor creasing, 205 x 255 mm (8 x 10 in), (5).

*** Apollo-Soyuz was the first crewed international space mission, carried out jointly by the United States and the Soviet Union. It also included the last Apollo module to fly. £400 - 600

132

Mars.- FOUR SURFACE VIEWS FROM VIKING LANDER 2, AND NINE ORBITAL VIEWS FROM VIKING ORBITER 1 AND 2, 1976-81, vintage gelatin silver prints, NASA captions either printed or pasted to versos, NASA numbering to recto margins, minor creasing, c.205 x 255 mm (8 x 10 in), (13).

£400 - 600

133

Mars.- Viking Lander 2.- VIEWS OF THE MARTIAN HORIZON, PARTS OF THE MARTIAN HORIZON, PARTS OF THE SURFACE WITH THE HIGH-GAIN ANTENNA, A DUST STORM AND A VIKING ORBITER VIEW OF THE NORTH POLE, SEPTEMBER 1976 - FEBRUARY 1977, together 5 vintage chromogenic prints, "This paper manufactured by Kodak" watermarks to verso, NASA captions tipped to versos of 4 prints, 4 numbered in black to top margin, minor creasing, 205 x 255 mm (8 x 10 in) (5).

*** Numbered: LV-96-P17982; LV-108-P-18296; LV-115-P1859-B and LV-109-P18459.

134

Viking Orbiter.- A LARGE GROUP OF SURFACE VIEWS OF MARS, 1976-80, vintage gelatin silver prints, each single image above a data strip, in an original NASA/JPL envelope with contents label, worn, c.125 x 130 mm (5 x 5 1/4 in.), (74).

£500 - 700

135

Heyman (Ken) SPACESUITED FIGURE WALKING ON EARTH, C.1978, vintage gelatin silver print, photographer's credit stamp to verso, c.340 x 240 mm (13 3/4 x 9 1/2).

£300 - 400

136

Atlas rocket.- NIGHT SCENE WITH THE ATLAS 29F CARRYING THE TIROS-N WEATHER SATELLITE READY FOR LIFT-OFF, OCTOBER 1978, vintage oversize chromogenic print, mounted on card, small printed caption in lower left corner, slight bumping to edges, 2 small surface scratches, c.505 x 400 mm (20 x 15 3/4 in).

£300 - 400

137

Jupiter.- FOUR ARTISTS' CONCEPT DESIGNS
ILLUSTRATING THE PLANNED JUPITER ORBITER PROBE, C.1978-79, vintage chromogenic prints,
"Kodak" watermarks to versos; Five views of the planet from Pioneer 10, 1973; Fourteen views from Voyager 1 & 2, 1979, vintage gelatin silver prints, together 23 prints, NASA captions to versos, one or two with captions

to recto, minor creasing, one or two minor surface cracks, c.205 x 255 mm (8 x 10 in), (23).

£400 - 600

138

Pioneer.- Venus Orbiter.- THE FIRST CLOSE-UP FULL-DISC IMAGE OF VENUS TAKEN BY A SPACECRAFT, 19 FEBRUARY 1979, vintage chromogenic print, NASA caption sheet tipped-to verso, "This paper manufactured by Kodak" watermarks to verso, minor creasing, c.205 x 255 mm (8 x 10 in.).

£300 - 400

139

Pioneer.- Venus Orbiter.- 3 FULL-DISC VIEWS OF THE PLANET, AND 3 EACH WITH 4 IMAGES, MAY 1979, vintage gelatin silver prints, NASA heading in black to recto margins, NASA captions to versos, minor creasing; c.205 x 255 mm (8 x 10 in), (6)

£300 - 400

140

Voyager 1.- JUPITER'S MOON CALLISTO, 1979, vintage oversize chromogenic print, "Kodak" watermarks to verso, loose in mount, c.505 x 405 mm (20 x 16 in).

*** The second largest of Jupiter's moons, and the third largest moon in the solar system, after Ganymede and Saturn's largest moon, Titan.

£1,000 - 2,000

141

Voyager 1. A LARGE GROUP OF PHOTOGRAPHS OF SATURN, 1979-80, vintage gelatin silver prints, each with four images above data strips, in original NASA/JPL envelope with contents label (worn), tears and loss to envelope, c.125 \times 130 mm (5 \times 5 in), (c.170)

*** The images are very similar but are each a close variant.

£400 - 600

142

Voyager 1.- NINE PHOTOGRAPHS OF JUPITER, 1979-80, vintage gelatin silver prints, each with four images above data strips, $c.125 \times 130 \text{ mm}$ (5 $\times 5 \text{ in}$), (9).

£100 - 150

143

Voyager 1.- EARTH, THE "PALE BLUE DOT", 14 FEBRUARY 1990, printed 2010, digital colour print, loose in card mount, c.330 x 480 mm (13 x 19 in).

*** Astronomer Carl Sagan requested that NASA direct Voyager's narrow-angle camera to capture this extraordinary image from a distance of 6 billion kilometres.

£800 - 1,200

144

Saturn.- COLOUR VIEWS OF THE PLANET AND ITS RINGS FROM VOYAGER 1, 1980, together 2 vintage chromogenic prints, "Kodak" watermarks to versos, "International Communication Agency" stamps to versos, staple marks to margin of one, NASA captions to versos, minor creasing; 205 x 255 mm (8 x 10 in), (2).

£300 - 400

145

Saturn.- FURTHER VIEWS FROM PIONEER SATURN, 1979 AND VOYAGER 1 & 2, 1980-81, together 12 vintage gelatin silver prints, NASA captions to versos, minor creasing, 205 x 255 mm (8 x 10 in), (12).

£300 - 400

146

Flown U.S. Flag.- Presentation certificate awarded to Wayne Kohl including a U.S. flag flown on STS-34 Atlantis for the Galileo launch, 1989, framed, c.270 x 345 mm (10 1/2 x 13 1/2 in).

*** Wayne Kohl (1942-2011) was a Communications, Operations and Guidance Computer engineer developing systems for the Viking, Voyage and Galileo probes.

£200 - 300



Flown U.S. Flag.- PRESENTATION CERTIFICATE AWARDED TO WAYNE KOHL INCLUDING A U.S. FLAG AND MAGELLAN CLOTH PATCH BOTH FLOWN ON STS-30, ORBITER ATLANTIS, MAY 1989, framed, c.270 x 345 mm (10 1/2 x 13 1/2 in). £200 - 300

148

Flown flag.- CERTIFICATE AWARDED TO WAYNE KOHL WITH MULTI-NATION FLAG FLOWN ON STS-34, ATLANTIS FOR THE 1989 GALILEO LAUNCH, 1992, small indentation to certificate; with a certificate awarded to Kohl for twenty-five years service at J.P.L; a wooden plaque and other related ephemera, v.s. (8), unframed. £150 - 200

149

Flown Flag.- APOLLO 11 25TH ANNIVERSARY FLAG FLOWN IN SPACE DURING THE STS-65 MISSION, 1994, mounted on a certificate presented to JPL staff, with original covering letter, flag measures c.75 x 130 mm (3 x 5 in), certificate measures c.355 x 280 mm (14 x 11 in), (2). £200 - 300

150

Malin (David, b.1941) HALO OF THE SOMBRERO GALAXY, printed 1990s, chromogenic print on Fujicolor Crystal Archive Paper with watermarks to verso, verso signed in pencil by Malin, loose in card mount, c.280 x 355 mm (11 x 14in).

*** Obtained by Malin with the Anglo-Australian Telescope, using three very long exposures to make a 3-colour composite. £600 - 800

151

Space Shuttle STS-61.- NIGHT LAUNCH OF ENDEAVOUR, THE FIRST MISSION TO SERVICE THE HUBBLE SPACE TELESCOPE, 1993, vintage chromogenic print, on a NASA card mount, inscribed and signed by 6 (of the 7) crew, one or two very faint abrasion marks, image c.245 x 200 mm (9 3/4 x 8 in in).

*** The crew for this flight included: Richard O. Covey, Kenneth D. Bowersox; Kathryn C.

Thornton; Claude Nicollier, ESA; Jeffrey A. Offman; F. Story Musgrave and Thomas D. Akers. Story Musgrave is the only astronaut to fly on all five Space Shuttles.

£150 - 200

152

Hubble Space Telescope.- ULTRA-DEEP FIELD CONSTRUCTED FROM 11 DAYS OF OBSERVATIONS, 2004, PRINTED 2010, digital colour print, minor marginal creasing, c.755 x 610 mm (29 3/4 x 24 in).

*** Created over three months, this photograph shows stars some 13 billion years back in time.

£1,000 - 1,500