



Guide to the Howard Hughes Professional and Aeronautical Photographs

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Hughes H-1 Racer photographs	19
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Summary Information

Repository:	University of Nevada, Las Vegas. University Libraries. Special Collections and Archives.
Creator:	Hughes, Howard, 1905-1976
Title:	Howard Hughes Professional and Aeronautical Photographs
ID:	PH-00321
Date [inclusive]:	approximately 1916-1997
Date [bulk]:	1940-1957
Physical Description:	4.5 Linear Feet (16 hanging folders, 2 flat files, 2 shared boxes of negatives, and 1 shared binder of slides)
Language of the Material:	English
Abstract:	The Howard Hughes Professional and Aeronautical Photographs contain black-and-white photographs of businessman and entrepreneur Howard Hughes and his companies from 1916 to 1997. The photographs primarily depict Hughes alongside his aircraft, including the XF-11 prototype reconnaissance plane and the HK-1 Hercules, better known as the "Spruce Goose" or "Flying Boat." The photographs also cover the companies owned by Hughes, including Hughes Tool Company, Hughes Aircraft Company, Hughes Electronics Corporation, and RKO Pictures.

Preferred Citation

Howard Hughes Professional and Aeronautical Photographs, 1916-1997. PH-00321. Special Collections, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

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Biographical Note

American businessman Howard Hughes was born in 1905 in Houston, Texas. Hughes's business career began when he gained control of Hughes Tool Company in 1924, at the age of 19, after his father's death. In 1932, he formed Hughes Aircraft as a division of Hughes Tool Company. His company won defense contracts during the Second World War to develop high-speed pursuit and reconnaissance aircraft and communication systems.

Perhaps the most famous of these experimental prototypes was the HK-1 Hercules, better known as the "Spruce Goose" or "Flying Boat," a gargantuan wooden cargo plane that Hughes himself

piloted on its brief and only flight of one mile, 70 feet above Long Beach Harbor in 1947. As a result of the failures of the HK-1 program and other prototypes developed by Hughes, he was called to testify before the U.S. Senate's Truman Committee in 1947 to justify use of government money on wasteful defense contracts. In 1953, Hughes turned over ownership of the Hughes Aircraft Company to the Howard Hughes Medical Institute.

Hughes also had a career in the movie business as a director and producer. He directed *Two Arabian Nights* (1928), *Hell's Angels* (1930), and *The Outlaw* (1943). Hughes bought the Hollywood movie studio RKO in 1948.

Howard Hughes moved to Las Vegas, Nevada November 27, 1966, and took up residence on the top two floors of the Desert Inn. When asked to vacate his room, he purchased the hotel. At this point in his life, Hughes became increasingly reclusive, and he used his suite in the Desert Inn as the hub of his business ventures for four years. Hughes purchased real estate in Las Vegas and started the Summa Corporation in 1972, a holding company that managed Hughes's remaining investments and primarily developed and managed the Hughes real estate holdings on the west side of the Las Vegas Valley. By 1970, Hughes had purchased \$65 million of Las Vegas hotels, casinos, and property, making him the largest single property owner in Nevada at the time. By this point, he controlled approximately 20% of all the hotel rooms on the Las Vegas Strip. His holdings also included approximately 25,000 acres that became the master-planned community of Summerlin, an affluent suburb of Las Vegas.

In November 1970, Hughes secretly left Las Vegas and moved to the Bahamas. Hughes died on April 5, 1976, on a flight from Mexico to Houston, Texas.

Source:

Burbank, Jeff. "Howard Hughes." *Online Nevada Encyclopedia*, July 11, 2011. <http://www.onlinenevada.org/articles/howard-hughes>

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Scope and Contents Note

The Howard Hughes Professional and Aeronautical Photographs contain photographs of businessman and entrepreneur Howard Hughes and his companies from 1916 to 1997. The photographs primarily depict Hughes alongside his aircraft, including the XF-11 prototype reconnaissance plane and the HK-1 Hercules, better known as the "Spruce Goose" or "Flying Boat." The photographs also include the companies owned by Hughes, including Hughes Tool Company, Hughes Aircraft Company, Hughes Electronics Corporation, and RKO Pictures.

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Arrangement

Materials are organized into six series:

Series I. Portrait photographs, 1920-1959;

Series II. Aircraft photographs, 1934-1972;

Series III. Hughes Tool Company and Hughes Aircraft Company photographs, 1917-1997;

Series IV. Motion picture production photographs, 1928-1959;

Series V. Las Vegas, Nevada photographs, 1960-1979;

Series VI. Event photographs, 1930-1979.

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Administrative Information

Access Note

Collection is open for research. Some collection material has been digitized and is [available online](#).

Publication Rights

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Acquisition Note

Materials were donated in 1996 by the Howard Hughes Corporation via the UNLV Foundation; accession number 1996-21.

Processing Note

Materials were processed by Special Collections staff. In 2015, as part of a legacy finding aid conversion project, Lindsay Oden and Hannah Robinson wrote the collection description in compliance with current professional standards.

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Related Materials

Related Materials

The following resources may provide additional information related to the materials in this collection:

Howard Hughes Public Relations Photograph Collection, 1930-1950. PH-00373. Special Collections, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

Howard Hughes Public Relations Records, 1930-1990. MS-00380. Special Collections, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

Hughes Electronics Records, 1940-2003. MS-00485. Special Collections, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

Bob McCaffrey Collection on the Save the Spruce Goose Campaign, 1980. MS-00693. Special Collections, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

Sands Hotel Collection, 1952-1979. MS-00417. Special Collections, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

Hughes, Howard. Interview, April 08, 1976. Oral History Research Center, Special Collections, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

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Names and Subjects

- Hughes Flying-boat (Seaplane)
- Aviation
- Las Vegas (Nev.)
- photographs
- Aircraft industry -- United States -- History
- Airplanes
- Hughes Aircraft Company
- Hughes Electronics Corporation
- Hughes Tool Company
- RKO Teleradio Pictures

Collection Inventory

Portrait photographs, 1920-1959

Physical Description: 0.3 Linear Feet (9 hanging folders and 1 shared box of negatives)

Scope and Contents Note: Materials contain portrait photographs of Howard Hughes from 1920 to 1959 and a portrait of Noah Dietrich, the Chief Executive Officer of the Howard Hughes Corporation, from approximately 1940 to 1959. The photographs primarily depict Howard Hughes and include portraits used in official publications of the various corporations owned by Hughes.

Arrangement: Materials remain in original order.

Title/Description	Containers
Portrait of Howard Hughes, 1947 October 03 (0321_0042) (view online)	folder 01
Portrait of Howard Hughes, approximately 1940-1944 (0321_0047) (view online)	folder 01
Portrait of Howard Hughes, approximately 1920-1929 (0321_0048) (view online)	folder 01
Portrait of Howard Hughes used in the Hughes Aircraft Company's corporate publications, 1954 August 17 (0321_0049) (view online)	folder 01
Portrait of Howard Hughes, 1956 October 11 (0321_0050) (view online)	folder 01
Portrait of Howard Hughes, undated (0321_0061)	folder 01
Portrait of Howard Hughes, approximately 1947-1952 (0321_0062) (view online)	folder 01
Portrait of Howard Hughes, approximately 1950-1959 (0321_0113) (view online)	folder 03
Portrait collage painting of Howard Hughes, approximately 1950-1953 (0321_0165) (view online)	folder 05
Portrait collage painting of Howard Hughes, approximately 1950-1954 (0321_0166)	folder 05
Portrait of Howard Hughes, approximately 1930-1939 (0321_0202) (view online)	folder 07
Portrait of Howard Hughes with a penciled on mustache, 1956 October 11 (0321_0240) (view online)	folder 08
Portrait painting of Howard Hughes, approximately 1940-1949 (0321_0271) (view online)	folder 10
Portrait of Howard Hughes, approximately 1935-1946 (0321_0311) (view online)	folder 11
Portrait of Howard Hughes, approximately 1940-1946 (0321_0335) (view online)	

	folder 12
Portrait Howard Hughes, approximately 1924-1946 (0321_0348) (view online)	folder 12
Portrait Howard Hughes, approximately 1924-1946 (0321_0349) (view online)	folder 12
Portrait of Howard Hughes standing next to an airplane, approximately 1940-1959 (0321_0351) (view online)	folder 12
Portrait of Noah Dietrich, Chief Executive Officer of the Howard Hughes Corporation from 1925-1957, approximately 1940-1959 (0321_0458) (view online)	folder 16
Negative: portrait of Howard Hughes, undated (0321_0059) (view online)	box SH-034

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Aircraft photographs, 1934-1972

Physical Description: 3.3 Linear Feet (14 hanging folders and 2 flat files)

Scope and Contents Note: Materials include photographs from 1934 to 1972 of aircraft built by the Hughes Aircraft Company. The photographs primarily depict the XF-11 Prototype planes and the HK-1 Hercules, otherwise known as the "Flying Boat" or the "Spruce Goose," piloted by Howard Hughes. The photographs also depict the DC-3, XH-17 Flying Crane helicopter, the H-1 Racer piloted by Hughes, aircraft built for Trans World Airlines and Avro Canada, Lockheed planes, and other aircraft piloted by Hughes in various flying competitions.

Arrangement: Materials are organized into six subseries:

- Subseries II.A. Hughes XF-11 photographs, 1946-1947;
- Subseries II.B. Hughes HK-1 Hercules photographs, 1942-1947;
- Subseries II.C. Douglas DC-3 photographs, 1947;
- Subseries II.D. Hughes XH-17 Flying Crane photographs, 1952;
- Subseries II.E. Hughes H-1 Racer photographs, 1935-1945;
- Subseries II.F. Miscellaneous aircraft photographs, 1934-1972.

Hughes XF-11 photographs, 1946-1947

Physical Description: 0.2 Linear Feet (11 hanging folders)

Scope and Contents Note: Materials contain photographs of the Hughes XF-11 prototype military reconnaissance aircraft. Howard Hughes piloted the two XF-11 prototypes built: in July 1946, Hughes crashed the first XF-11 in Beverly Hills, California; in April 1947, Hughes successfully flew the second prototype at high speeds and at high altitudes. However, the United States Air Force abandoned the controversial project, and in August of 1947, Hughes was called to testify before the Truman Committee in the U.S. Senate about the failures of the program.

Arrangement: Materials remain in original order.

Title/Description	Containers
Howard Hughes in the cockpit of the new XF-11 reconnaissance plane preparing for its first flight, 1946 July 07 (0321_0053) (view online)	folder 01
Howard Hughes warms up the XF-11 for its initial test flight, 1946 July 07 (0321_0054) (view online)	folder 01

Howard Hughes stands on a ladder underneath the body of XF-11 plane, 1947 April 04 (0321_0056) (view online)	folder 01
Howard Hughes prior to test-piloting the second XF-11 prototype, 1947 April 04 (0321_0057) (view online)	folder 01
Howard Hughes sitting in the cockpit of the second XF-11 prototype, 1947 April 04 (0321_0058) (view online)	folder 01
Howard Hughes after the landing of the second XF-11, 1947 (0321_0071) (view online)	folder 02
Howard Hughes signing the flight plan in front of the second XF-11, 1947 April 03 (0321_0140) (view online)	folder 04
Howard Hughes warming up the first XF-11 prototype, 1946 July 07 (0321_0142) (view online)	folder 05
XF-11 plane before its first flight at the Hughes Airport in Culver City, California, 1946 July 03 (0321_0208) (view online)	folder 07
First test flight of the XF-11 at the Hughes Airport in Culver City, California, 1946 July 07 (0321_0209) (view online)	folder 07
XF-11 plane's second flight immediately following take-off at the Hughes Airport in Culver City, California, 1947 April 04 (0321_0210) (view online)	folder 07
Howard Hughes in the cockpit of his XF-11 before its first test flight, 1946 (0321_0234) (view online)	folder 08
Howard Hughes in the cockpit of his XF-11 before its first test flight, 1946 (0321_0235) (view online)	folder 08
Howard Hughes standing by the XF-11 the day before his second test, 1947 April 03 (0321_0236) (view online)	folder 08
Howard Hughes in the cockpit of the XF-11, 1946 July 07 (0321_0242) (view online)	folder 08
XF-11 on the runway, with a Constellation in the background, 1946 (0321_0254) (view online)	folder 09
Howard Hughes on a ladder, climbing into the XF-11, 1946 July 07 (0321_0255) (view online)	folder 09
First prototype of the XF-11, flown by Howard Hughes, taking off, 1946 July 07 (0321_0256) (view online)	folder 09
Second Hughes XF-11 prototype, seen from the front, prior to a test flight, 1947 April 04 (0321_0257) (view online)	folder 09
Second Hughes XF-11 prototype on a runway prior to a test flight, 1947 April 04 (0321_0258) (view online)	folder 09
Howard Hughes with unidentified man before the flight of the second XF-11 prototype, 1947 April 04 (0321_0259) (view online)	folder 09
Second Hughes XF-11 prototype is seen on a runway, prior to take-off, 1947 April 04 (0321_0260) (view online)	folder 09

Second XF-11 lifting off, 1947 April 04 (0321_0261) (view online)	folder 09
Second prototype of the XF-11 seen during a test flight, 1947 April 03 (0321_0262) (view online)	folder 09
Howard Hughes standing with an unidentified reporter next to the second XF-11 after landing in New York, 1947 July (0321_0270) (view online)	folder 10
Howard Hughes test-piloting the XF-11, Culver City, California, 1947 April 05 (0321_0323) (view online)	folder 11
Howard Hughes test-piloting the XF-11, Culver City, California, 1947 April 05 (0321_0324) (view online)	folder 11
Howard Hughes next to an XF-11 prototype, 1947 April 03 (0321_0326) (view online)	folder 11
Howard Hughes next to an XF-11 prototype, 1947 April 03 (0321_0327) (view online)	folder 12
Second XF-11 prototype parked on the tarmac, 1947 April (0321_0328) (view online)	folder 12
Howard Hughes after landing the second XF-11, 1947 April (0321_0329) (view online)	folder 12
XF-11 prototype plane on the tarmac before its first test flight, Culver City, California, 1947 April (0321_0343) (view online)	folder 12
XF-11 prototype plane on the tarmac before its first test flight, Culver City, California, 1947 April (0321_0346) (view online)	folder 12
XF-11 prototype plane on the tarmac before its first test flight, Culver City, California, approximately 1946-1957 (0321_0347) (view online)	folder 12
Howard Hughes sits in the cockpit of the XF-11, 1947 July 07 (0321_0353) (view online)	folder 12
Howard Hughes sits in the cockpit of the XF-11, 1947 July 07 (0321_0354) (view online)	folder 12
Howard Hughes sits in the cockpit of the XF-11, 1947 July 07 (0321_0355) (view online)	folder 12
Howard Hughes sits in the cockpit of the XF-11, 1947 July 07 (0321_0356) (view online)	folder 12
XF-11 prototype plane on the tarmac before its first test flight, Culver City, California, 1947 April 03 (0321_0421) (view online)	folder 15
XF-11 prototype plane on the tarmac before its first test flight, Culver City, California, 1947 April 03 (0321_0422) (view online)	folder 15
XF-11 prototype plane on the tarmac before its first test flight, Culver City, California, 1947 April 03 (0321_0423) (view online)	folder 15
XF-11 prototype plane on the tarmac before its first test flight, Culver City, California, 1947 April 03 (0321_0424) (view online)	folder 15

XF-11 prototype plane on the tarmac before its first test flight, Culver City, California, 1947 April 03 (0321_0425) ([view online](#)) folder 15

Howard Hughes standing on a ladder beneath the second XF-11 prototype, 1947 April 03 (0321_0040) ([view online](#)) folder 01

Hughes HK-1 Hercules photographs, 1942-1947

Physical Description: 3 Linear Feet (13 hanging folders, 1 shared box of negatives, and 1 flat file)

Scope and Contents Note: Materials contain photographs of the HK-1 Hercules, otherwise known as the "Spruce Goose" or the "Flying Boat," from 1942 to 1947. The photographs primarily depict the construction, transportation, and storage of the plane, but also include photographs of the first and only test flight of the HK-1 above Los Angeles Harbor in 1947. Howard Hughes designed the HK-1 as the world's largest plane, capable of transporting large quantities of U.S. military hardware and personnel. In 1947, under the program's new designation H-4 Hercules, Hughes had the plane transported from his factory in Culver City, California to Los Angeles Harbor. On November 2, he piloted the plane during its only test flight. The U.S. Air Force abandoned the controversial project, and Hughes was called to testify before the Truman Committee of the U.S. Senate to justify the use of government funds on a program that never succeeded.

Arrangement: Materials remain in original order.

Title/Description	Containers
Construction of one of the wings of the Hughes Flying Boat in a hangar at the Hughes Aircraft Company, 1945 June 01 (0321_0075) (view online)	folder 02
Fuselage of the Hughes Flying Boat being transported from a hangar by truck, 1945 June (0321_0076) (view online)	folder 02
Flying Boat hull being moved from the Culver City plant to a dock on Terminal Island in Long Beach, California, 1946 (0321_0077) (view online)	folder 02
Fuselage of the Hughes Flying Boat in transport on a moving truck rig on a narrow road in the country on its way to Long Beach Harbor, 1945 June 15 (0321_0078) (view online)	folder 02
One of the wings of the Hughes Flying Boat being transported by truck on a narrow road in the country on its way towards the Los Angeles Harbor, 1946 June (0321_0079) (view online)	folder 02
Hughes Flying Boat and workers at Pier E on the Long Beach Harbor in California, 1947 January 08 (0321_0080) (view online)	folder 02
Aerial view of the Hughes Flying Boat at Pier E in Long Beach, California, 1947 June 23 (0321_0081) (view online)	folder 02
Aerial view of the Flying Boat docked at the Los Angeles (now Long Beach) Harbor, 1947 June 23 (0321_0082) (view online)	folder 02
Aerial view of the Flying Boat docked at the Los Angeles (now Long Beach) Harbor, 1947 June 23 (0321_0083) (view online)	flat file 02
Interior of the Flying Boat looking toward the tail, 1947 (0321_0084) (view online)	folder 02
Howard Hughes on the flight deck of the famed Hughes Flying Boat, Long Beach Harbor, California, 1947 May 12 (0321_0085) (view online)	folder 02

Howard Hughes on the flight deck of his Flying Boat discusses with his flight engineer and radio operator plans for testing the aircraft, 1947 November 01 (0321_0086) (view online)	folder 02
Howard Hughes talks over details of testing of his the Flying Boat with Chalmer Bowen and Gale J. Moore, 1947 November 01 (0321_0087) (view online)	folder 02
Howard Hughes at the controls of the Flying Boat prior to its first taxi tests in the Los Angeles Harbor, 1947 November 01 (0321_0088) (view online)	folder 02
Unidentified men in the interior of Howard Hughes's Flying Boat prior to initial water taxi tests to be conducted with Hughes at the controls, 1947 November 02 (0321_0089) (view online)	folder 02
Hughes's Flying Boat was launched for the first time at Long Beach Harbor, California, 1947 November 01 (0321_0090) (view online)	folder 02
Hughes Flying Boat at Terminal Island in the Los Angeles Harbor, 1947 November 02 (0321_0091) (view online)	folder 03
Hughes Flying Boat on its first flight over the Los Angeles Harbor, 1947 November 02 (0321_0092) (view online)	folder 03
Hughes Flying Boat in Los Angeles Harbor, 1947 November 02 (0321_0093) (view online)	folder 03
Hughes's Flying Boat, Los Angeles Harbor, 1947 November 06 (0321_0094) (view online)	folder 03
Howard Hughes at the controls of his Flying Boat, Long Beach Harbor, California, 1947 November 01 (0321_0097) (view online)	folder 03
Howard Hughes with assistant in the cockpit of the Flying Boat, 1947 (0321_0131) (view online)	box SH-032
Howard Hughes and others studying diagrams for the Flying Boat, approximately 1942-1947 (0321_0137) (view online)	folder 04
Moving the hull of the Flying Boat, 1946 (0321_0151) (view online)	folder 05
Hughes Flying Boat over the water near Los Angeles, California, 1947 (0321_0152) (view online)	folder 05
Howard Hughes on the flight deck of his Flying Boat, 1947 (0321_0153) (view online)	folder 05
Hughes Aircraft HK-1 or Flying Boat wing assembly being completed in a hangar in Hughes's factory in Culver City, California, approximately 1942-1946 (0321_0154) (view online)	folder 05
Hughes Aircraft HK-1 Flying Boat floating in Los Angeles Harbor, 1947 (0321_0155) (view online)	folder 05
Hughes HK-1 or Flying Boat floating in Los Angeles Harbor prior to its first taxi run, 1947 November 02 (0321_0156) (view online)	folder 05

Flying Boat docked at the Los Angeles Harbor, 1947 (0321_0157) (view online)	folder 05
Hull of the Flying Boat being towed to the harbor, 1946 (0321_0158) (view online)	folder 05
Flying Boat taking off in the Los Angeles Harbor, 1947 (0321_0159) (view online)	folder 05
Hughes Aircraft Flying Boat floating in Los Angeles Harbor with several other boats and ships, 1947 (0321_0160) (view online)	folder 05
Howard Hughes talking with an engineer at the rear of the flight deck of Hughes Flying Boat at Terminal Island in the Los Angeles Harbor, 1947 November 02 (0321_0206) (view online)	folder 07
Hughes Flying Boat in dry dock at Terminal Island in the Los Angeles Harbor; Howard Hughes and Jack Jerman can be seen on the platform in the background, 1947 November 01 (0321_0212) (view online)	folder 07
Police escort lined up in front of Hughes Flying Boat on Roosevelt Highway in San Pedro, California, as it was being moved from Culver City to Terminal Island in Long Beach, 1946 June 15 (0321_0213) (view online)	folder 07
Hughes HK-1 Flying Boat during its test run in the Los Angeles Harbor, 1947 November 02 (0321_0215) (view online)	folder 07
Hughes HK-1 Flying Boat during its test run in the Los Angeles Harbor, 1947 November 02 (0321_0216) (view online)	folder 07
Howard Hughes HK-1, Flying Boat, test flight in the Los Angeles Harbor, 1947 November 02 (0321_0217) (view online)	folder 07
Hughes HK-1 Flying Boat towed by workers with a capstan at Terminal Island in the Los Angeles Harbor, 1947 November 01 (0321_0218) (view online)	folder 07
Hughes HK-1 Hercules Flying Boat tied to its dock at Terminal Island in the Los Angeles Harbor, 1947 (0321_0227) (view online)	folder 08
Hughes HK-1 Flying Boat leaving or returning from its test run in the Los Angeles Harbor, 1947 November 02 (0321_0229) (view online)	folder 08
Hughes HK-1 Flying Boat under construction on Terminal Island in the Los Angeles Harbor before its test run, 1947 (0321_0232) (view online)	folder 08
Hughes Flying Boat being towed toward Los Angeles Harbor, 1947 November 01 (0321_0238) (view online)	folder 08
Howard Hughes and unidentified co-pilot at the gauge panel of the Hughes HK-1 Flying Boat, 1947 October 31 (0321_0263) (view online)	folder 09
Hughes Flying Boat in the Los Angeles Harbor, 1947 November 02 (0321_0264) (view online)	folder 09
Rear Admiral C. J. Seiberlich, Deputy Chief of Naval Operations, is shown at the controls of the Hughes Flying Boat in its Long Beach, California hangar, approximately 1945-1949 (0321_0278) (view online)	folder 10

Airplane hangar engineered to store and maintain the Flying Boat on Terminal Island in Los Angeles Harbor, California, approximately 1957-1959 (0321_0283) (view online)	folder 10
HK-1 Hughes Flying Boat in the water on Terminal Island in the Los Angeles Harbor, 1947 October 31 (0321_0285) (view online)	folder 10
Aerial view of Terminal Island, Long Beach, California, 1947 October 31 (0321_0286) (view online)	folder 10
HK-1 Hughes Flying Boat in the water on Terminal Island in the Los Angeles Harbor, 1947 (0321_0287) (view online)	folder 10
Men working inside of the HK-1 Hughes Flying Boat on Terminal Island in the Los Angeles Harbor, 1947 (0321_0288) (view online)	folder 10
Men working inside the HK-1 Hughes Flying Boat on Terminal Island in the Los Angeles Harbor, 1947 October 31 (0321_0289) (view online)	folder 10
Men working inside the HK-1 Hughes Flying Boat on Terminal Island in the Los Angeles Harbor, 1947 October 31 (0321_0290) (view online)	folder 10
Cockpit of Hughes Flying Boat on Terminal Island at the Los Angeles Harbor, 1947 October 31 (0321_0291) (view online)	folder 10
Inside the HK-1 Hughes Flying Boat on Terminal Island in the Los Angeles Harbor, 1947 October 31 (0321_0292) (view online)	folder 10
Control panel of HK-1 Hughes Flying Boat on Terminal Island, Los Angeles Harbor, 1947 October 31 (0321_0293) (view online)	folder 10
Aerial view of Hughes HK-1 Flying Boat, 1947 (0321_0294) (view online)	folder 10
Hull of the Flying Boat, or "Spruce Goose," being transferred from Culver City to Terminal Island in the Los Angeles Harbor, 1947 (0321_0295) (view online)	folder 10
Howard Hughes inspecting the equipment on the flight deck inside of the HK-1 Flying Boat, 1947 (0321_0296) (view online)	folder 10
Howard Hughes entering the hull of the Hughes Flying Boat with Joe Petrali, assistant director of service and flight, 1947 (0321_0297) (view online)	folder 11
Howard Hughes and Earl Martyn inside of the HK-1 Hughes Flying Boat, 1947 (0321_0298) (view online)	folder 11
Possibly Richard Stoddart or Earl Martyn inside of the Hughes Flying Boat examining its equipment near as it was nearing completion, 1947 (0321_0299) (view online)	folder 11
Howard Hughes on the flight deck of the HK-1 Flying Boat discussing with his flight engineer and radio operator, Dave Evans, the plans for the next day's taxi testing, 1947 (0321_0300) (view online)	folder 11
Howard Hughes sits at the controls the HK-1 Flying Boat a day prior to its first tests in the Los Angeles Harbor in California, 1947 November 01 (0321_0301) (view online)	folder 11

Howard Hughes with his flight engineer and Dave Evans, radio operator, preparing for the Flying Boat's taxi test, 1947 November 01 (0321_0302) (view online)	folder 11
HK-1 Flying Boat immediately after its launch before taxi tests, 1947 November 02 (0321_0303) (view online)	folder 11
Interior of the Hughes Flying Boat, 1947 November 02 (0321_0304) (view online)	folder 11
HK-1 Hughes Flying Boat flying 70 feet above the water for one-mile during taxi tests over the Los Angeles Harbor, 1947 November 02 (0321_0305) (view online)	folder 11
HK-1 Hughes Flying Boat, 1947 November 02 (0321_0306) (view online)	folder 11
HK-1 Hughes Flying Boat, 1947 November 02 (0321_0307) (view online)	folder 11
HK-1 Hughes Flying Boat, 1947 November 02 (0321_0308) (view online)	folder 11
Howard Hughes checking the instrument panel of the HK-1 Hughes Flying Boat, 1947 November 01 (0321_0309) (view online)	folder 11
Aerial view of Howard Hughes' Flying Boat on Terminal Island in the Los Angeles Harbor, approximately 1946-1948 (0321_0310) (view online)	folder 11
Howard Hughes piloting the HK-1 Flying Boat over Los Angeles Harbor, 1947 November 02 (0321_0325) (view online)	folder 11
HK-1 Flying Boat docked in Los Angeles Harbor, 1947 July 16 (0321_0336) (view online)	folder 12
HK-1 Flying Boat docked in Los Angeles Harbor, 1947 July 16 (0321_0337) (view online)	folder 12
HK-1 Flying Boat docked in Los Angeles Harbor, 1947 July 16 (0321_0338) (view online)	folder 12
HK-1 Flying Boat docked in Los Angeles Harbor, 1947 July 16 (0321_0342)	folder 12
HK-1 Flying Boat docked in Los Angeles Harbor, 1947 July (0321_0344) (view online)	folder 12
HK-1 Flying Boat docked in Los Angeles Harbor, 1947 July (0321_0345) (view online)	folder 12
Wing flap for the HK-1 Flying Boat, 1946 (0321_0357) (view online)	folder 13
Section of the "Spruce Goose" or Flying Boat being moved with a police escort from the Hughes Aircraft plant in Culver City, California to Los Angeles Harbor, 1946 June (0321_0358 to 0386) (view online)	folder 13

Section of the "Spruce Goose" or Flying Boat being moved with a police escort from the Hughes Aircraft plant in Culver City, California to Los Angeles Harbor, 1946 June (0321_0387 to 0399) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat being assembled at the Long Beach Harbor, 1947 January 08 (0321_0400) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat being assembled at the Long Beach Harbor, 1947 January 08 (0321_0401) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat being assembled at the Long Beach Harbor, 1947 July 10 (0321_0402) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat being assembled at the Long Beach Harbor, 1947 July 10 (0321_0403) (view online)	folder 14
Section of the HK-1 "Spruce Goose" or Flying Boat being placed in dock on Terminal Island, 1946 June 21 (0321_0404) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat being assembled at the Long Beach Harbor, 1947 January 08 (0321_0405) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat being assembled at the Long Beach Harbor, 1947 January 08 (0321_0406) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat in its Long Beach hangar after its test flight, 1947 November 02 (0321_0407) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat being assembled at the Long Beach Harbor, 1946 October 13 (0321_0408) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat being assembled at the Long Beach Harbor, 1947 January 08 (0321_0409) (view online)	folder 14
HK-1 "Spruce Goose" or Flying Boat, 1947 November 01 (0321_0410) (view online)	folder 14
HK-1 test flight, 1947 November 02 (0321_0411) (view online)	folder 14
HK-1 test flight, 1947 November 02 (0321_0412) (view online)	folder 14
HK-1 test flight, 1947 November 02 (0321_0413) (view online)	folder 14
HK-1 test flight, 1947 November 02 (0321_0414) (view online)	folder 14
HK-1 test flight, 1947 November 02 (0321_0415) (view online)	folder 14
HK-1 test flight, 1947 November 02 (0321_0416) (view online)	folder 14
HK-1 test flight, 1947 November 02 (0321_0417) (view online)	folder 15
HK-1 test flight, 1947 November 02 (0321_0418) (view online)	

	folder 15
HK-1 Flying Boat, 1947 November 01 (0321_0419) (view online)	folder 15
Construction around Howard Hughes' Flying Boat at Long Beach Harbor, California, 1947 July 16 (0321_0420) (view online)	folder 15
HK-1 Flying Boat being assembled at Long Beach Harbor, 1947 September 26 (0321_0428) (view online)	folder 15

Douglas DC-3 photographs, 1947

Physical Description: 0.1 Linear Feet (5 hanging folders)

Scope and Contents Note: Materials contain photographs of the Douglas DC-3 piloted by Howard Hughes in 1947. The photographs primarily depict Hughes and the plane after landing in New York City, New York.

Arrangement: Materials remain in original order.

Title/Description	Containers
Howard Hughes giving a news conference beside his airplane after landing in New York, 1947 April (0321_0067) (view online)	folder 02 flat file 01
Howard Hughes emerging from his airplane after landing in New York, 1947 April (0321_0068) (view online)	folder 02 flat file 01
Howard Hughes giving a news conference beside his airplane after landing in New York, 1947 April (0321_0069) (view online)	folder 02
Howard Hughes standing under the propeller of a Douglas DC-3, 1947 (0321_0072) (view online)	folder 02
Howard Hughes under the propeller of his Douglas DC-3 aircraft, 1947 April (0321_0073) (view online)	folder 02
Howard Hughes in the cockpit of his Douglas DC-3 aircraft, 1947 April (0321_0074) (view online)	folder 02
Howard Hughes beside his Douglas DC-3 in New York, 1947 (0321_0118) (view online)	folder 04
Howard Hughes and an unidentified man stand next to a Douglas DC-3 aircraft, 1947 (0321_0244) (view online)	folder 08
Howard Hughes inside of the DC-3 plane, 1947 April (0321_0331) (view online)	folder 12
Howard Hughes and an unidentified man stand in front of a Douglas DC-3, 1947 (0321_0426) (view online)	folder 15

Hughes XH-17 Flying Crane photographs, 1952

Physical Description: 0.1 Linear Feet (4 hanging folders)

Scope and Contents Note: Materials contain photographs of the XH-17 Flying Crane helicopter from 1952. The photographs primarily depict Howard Hughes, officers from his company, and military personnel inspecting the aircraft and giving a press conference.

Arrangement: Materials remain in original order.

Title/Description	Containers
Howard Hughes standing under the blade of the XH-17 Flying Crane with Rea Hopper, Director of the Aeronautical Division, Hughes Aircraft Company; Clyde Jones, Director of Engineering, Hughes Tool Company Aeronautical Division; Warren Reed; Colonel Carl E. Jackson, Air Research and Development Headquarters; and Gale J. Moore, pilot, 1952 October 23 (0321_0064) (view online)	folder 01
Howard Hughes standing under the XH-17 Flying Crane with N. M. Stefano and Rea Hopper, 1952 October 23 (0321_0065) (view online)	folder 01
Howard Hughes, N. M. Stefano, and others near a XH-17 helicopter, 1952 October 28 (0321_0041)	folder 01
Experimental helicopter XH-17 Flying Crane with Rea Hopper, Director of the Aeronautical Division, Hughes Aircraft Company; Howard Hughes; Clyde Jones, Director of Engineering, Hughes Tool Company Aeronautical Division; Warren Reed; Colonel Carl E. Jackson, Air Research and Development Headquarters, Baltimore; Gale J. Moore, Pilot; and Chalmer Bowen, Flight Engineer and co-pilot, 1952 October 23 (0321_0170) (view online)	folder 06
Rea Hopper, Director of the Aeronautical Division, Hughes Aircraft Company; Howard Hughes; Clyde Jones, Director of Engineering, Hughes Tool Company Aeronautical Division; Warren Reed; Colonel Carl E. Jackson, Air Research and Development Headquarters, Baltimore; Gale J. Moore, pilot; and unidentified pilot in front of the experimental helicopter XH-17 Flying Crane, 1952 October 23 (0321_0241) (view online)	folder 08
Howard Hughes standing in front of the experimental helicopter XH-17 Flying Crane with Rea Hopper, Director of the Aeronautical Division, Hughes Aircraft Company; Clyde Jones, Director of Engineering, Hughes Tool Company Aeronautical Division; Warren Reed; Colonel Carl E. Jackson from Air Research and Development Headquarters, Baltimore; Gale J. Moore, Pilot; possibly Chalmer Bowen, Flight Engineer and co-pilot, and an unidentified man, 1952 October 23 (0321_0274) (view online)	folder 10
Howard Hughes standing in front of the experimental helicopter XH-17 Flying Crane with Rea Hopper, Director of the Aeronautical Division, Hughes Aircraft Company; Clyde Jones, Director of Engineering, Hughes Tool Company Aeronautical Division; Warren Reed; Colonel Carl E. Jackson from Air Research and Development Headquarters, Baltimore; Gale J. Moore, Pilot; possibly Chalmer Bowen, Flight Engineer and co-pilot, and an unidentified man, 1952 October 23 (0321_0275) (view online)	folder 10
Howard Hughes standing in front of the experimental helicopter XH-17 Flying Crane with Rea Hopper, Director of the Aeronautical Division, Hughes Aircraft Company; Clyde Jones, Director of	folder 10

Engineering, Hughes Tool Company Aeronautical Division; Warren Reed; Colonel Carl E. Jackson from Air Research and Development Headquarters, Baltimore; Gale J. Moore, Pilot; possibly Chalmer Bowen, Flight Engineer and co-pilot, and an unidentified man, 1952 October 23 (0321_0276) ([view online](#))

Hughes H-1 Racer photographs, 1935-1945

Physical Description: 0.1 Linear Feet (6 hanging folders)

Scope and Contents Note: Materials contain photographs of the Hughes H-1 Racer aircraft from 1935 to 1945. The photographs primarily depict Howard Hughes standing with the plane or in the plane's cockpit. The plane was designed by Glenn Odekirk and built by Hughes Aircraft Company in 1935, the first plane produced by the company. Hughes broke several records in the H-1, including the landplane speed record in 1935. In 1937, Hughes broke his own transcontinental speed record by flying from Los Angeles, California to New York City, New York in 7 hours, 28 minutes. Despite its speed, Hughes was unable to sell the H-1 to the U.S. military.

Arrangement: Materials remain in original order.

Title/Description	Containers
Howard Hughes, holding a pilot's helmet, is seen standing beside the H-1 Racer, approximately 1935-1937 (0321_0051) (view online)	folder 01
Howard Hughes, wearing pilot's overalls and gear with parachute, at the tail of the Hughes H-1 Racer, in Newark, New Jersey, 1937 (0321_0115) (view online)	folder 04
Howard Hughes in open cockpit of his H-1 airplane, approximately 1935-1940 (0321_0184) (view online)	folder 06
Hughes H-1 Racer taking off from Santa Ana Airport in California, 1935 September 13 (0321_0211) (view online)	folder 07
Hughes H-1 Racer, 1945 November 01 (0321_0243) (view online)	folder 08
Hughes H-1 Racer with an X painted over its R registration number on its starboard wing, 1945 (0321_0252) (view online)	folder 09
Hughes H-1 Racer, 1945 November 14 (0321_0253) (view online)	folder 09

Miscellaneous aircraft photographs, 1934-1972

Physical Description: 0.2 Linear Feet (10 hanging folders and 1 flat file)

Scope and Contents Note: Materials contain photographs of aircraft built by the Hughes Aircraft Company or piloted by Howard Hughes from 1934 to 1972. The photographs primarily depict the Trans World Airlines Constellation during test flights. The photographs also include the Northrop Gamma Racer, Boeing 100 biplane, Lockheed-14, and an Avro Canada Jetliner.

Arrangement: Materials remain in original order.

Title/Description	Containers
Howard Hughes at the controls of a Trans World Airlines Constellation, 1947 May 01 (0321_0055) (view online)	folder 01
Howard Hughes and others next to an airplane, 1947 November 17 (0321_0066)	folder 02

Howard Hughes standing beside the Northrop Gamma Racer, 1936 January 01 (0321_0116) (view online)	folder 04
Howard Hughes standing beside his modified Boeing 100 biplane that won the Trujillo Trophy, 1934 (0321_0117) (view online)	folder 04
Howard Hughes in cockpit of Lockheed-14 before take-off from Floyd Bennet Field in New York, 1938 July 10 (0321_0119) (view online)	folder 04
Howard Hughes and others in the cockpit of a plane, undated (0321_0126)	folder 04
Howard Hughes at the controls of a Trans World Airlines Constellation, 1947 (0321_0129)	folder 04
Howard Hughes supervises construction of the Hughes D-2 at the Hughes Aircraft Company, Culver City, California, 1943 (0321_0130) (view online)	folder 04
Howard Hughes and others in front of a plane, undated (0321_0133)	folder 04
Howard Hughes surrounded by a crowd at Le Bourget Field in France in front of a Lockheed-14, 1938 July 11 (0321_0135) (view online)	folder 04
Howard Hughes and others in front of a plane, undated (0321_0138)	folder 04
Trans World Airlines Constellation in flight, approximately 1946-1956 (0321_0161) (view online)	folder 05
Spectators gathered around the Lockheed-14 at Floyd Bennett Airport, New York, to watch Howard Hughes take off, 1938 July 10 (0321_0162) (view online)	folder 05
Aircraft part under construction, undated (0321_0163)	folder 05
Howard Hughes getting out of cabin door of Lockheed-14 at the Floyd Bennett Airport in New York, 1938 July 14 (0321_0179) (view online)	folder 06
Spectators surround a Lockheed-14 on a runway at Floyd Bennett Airport, Brooklyn, New York, 1938 July 10 (0321_0197) (view online)	folder 07
Howard Hughes standing in front of his biplane holding a trophy after winning the 1934 All-American Air Meet in Miami, Florida, 1934 (0321_0198) (view online)	folder 07
Howard Hughes in the cockpit of a Northrop Gamma Racer surrounded by media and crowds in front of hangar at the Newark Airport, 1936 January 13 (0321_0201) (view online)	folder 07
Aerial view of the crowd greeting Howard Hughes and crew at the Floyd Bennett Airport in New York after completion of the around-the-world flight, 1938 July 14 (0321_0204) (view online)	folder 07
Howard Hughes leaving the cockpit of a Northrop Gamma, surrounded by a crowd at Newark, New Jersey Airport, 1936 January 13 (0321_0205) (view online)	folder 07

F-106 aircraft in which Howard Hughes had supplied the original armaments packages of missiles and guns, approximately 1959-1972 (0321_0214) (view online)	folder 07
Trans World Airlines Constellation plane in flight, 1947 May 02 (0321_0239) (view online)	folder 08
Trans World Airlines Constellation plane during a test flight, 1947 May 02 (0321_0317) (view online)	folder 11
Trans World Airlines Constellation plane during a test flight, 1947 May 02 (0321_0318)	folder 11
Trans World Airlines Constellation plane during a test flight, 1947 May 02 (0321_0319) (view online)	folder 11
Trans World Airlines Constellation plane during a test flight, 1947 May 02 (0321_0320) (view online)	folder 11
Trans World Airlines Constellation plane during a test flight, 1947 May 02 (0321_0321) (view online)	folder 11
Trans World Airlines Constellation plane during a test flight, 1947 May 02 (0321_0322) (view online)	folder 11
Howard Hughes at the controls of a Trans World Airlines Constellation demonstrating its new radar safety device, 1947 May 01 (0321_0312)	folder 11
Howard Hughes at the controls of a Trans World Airlines Constellation demonstrating its new radar safety device, 1947 May 01 (0321_0313)	folder 11
Three unidentified men and one unidentified woman outside of a Trans World Airlines plane, approximately 1940-1950 (0321_0314) (view online)	folder 11
Three unidentified men and one unidentified woman outside of a Trans World Airlines plane, approximately 1940-1950 (0321_0315) (view online)	folder 11
Howard Hughes inspecting a plane, approximately 1945-1955 (0321_0339) (view online)	folder 12
Howard Hughes inspecting a plane, approximately 1945-1955 (0321_0340) (view online)	folder 12
Howard Hughes standing in front of a plane, approximately 1945-1955 (0321_0341)	folder 12
Avro Canada Jetliner airplane, approximately 1940-1959 (0321_0427) (view online)	flat file 02
Aerial photograph of Washington D.C. taken by the Lockheed XFP-80 Shooting Star, 1946 October 28 (0321_0430) (view online)	folder 15

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Hughes Tool Company and Hughes Aircraft Company photographs, 1917-1997

Physical Description: 0.3 Linear Feet (13 hanging folders, 1 shared box of negatives, 2 flat files, and 1 shared binder of slides)

Scope and Contents Note: Materials contain photographs of Hughes Tool Company and Hughes Aircraft Company from 1917 to 1997. The photographs primarily depict factories, laboratories, and tools produced by the Hughes Tool Company. The Hughes Aircraft Company was founded in 1932 as a division of Hughes Tool Company.

Arrangement: Materials remain in original order.

Title/Description	Containers
Robert Maheu, chief executive of Nevada operations for Howard Hughes, undated (0321_0025)	flat file 01
Robert Maheu, undated (0321_0026)	binder PB-007
Robert Maheu, undated (0321_0027)	binder PB-007
Howard Hughes and Noah Dietrich, undated (0321_0044)	flat file 01
Howard Hughes, approximately 1947-1948 (0321_0045) (view online)	folder 01
Howard Hughes pictured after Senate hearings in Washington, D.C., 1947 June 18 (0321_0046) (view online)	folder 01
Howard Hughes testifying before the Senate War Investigating Committee in Washington, D.C., 1947 August 06 (0321_0052) (view online)	folder 01
Howard Hughes, approximately 1950-1959 (0321_0059) (view online)	flat file 02
Howard Hughes, approximately 1946-1953 (0321_0059A) (view online)	folder 01
Howard Hughes seated at his desk, approximately 1947-1948 (0321_0060) (view online)	folder 01
Aerial view of Hughes Tool Company, Houston, Texas, undated (0321_0096) (view online)	folder 01
Howard Hughes at his desk at Hughes Aircraft Company, 1947 (0321_0121) (view online)	folder 03
Howard Hughes with a group of men inside the Hughes Tool Company shop in Houston, Texas, 1938 July 30 (0321_0136) (view online)	folder 04
Howard Hughes with two others inside the Hughes Tool Company factory, 1938 July 30 (0321_0141) (view online)	folder 04
Aerial view of the Hughes Aircraft Culver City plant, approximately 1960-1969 (0321_0147) (view online)	folder 05
Aerial view of the Hughes Aircraft Culver City plant, approximately 1960-1969 (0321_0147) (view online)	folder 05

Hughes Aircraft plant in Tucson, Arizona, during construction, 1951 (0321_0148) (view online)	folder 05
Engineers test radar equipment at the Hughes Aircraft Company, 1959 (0321_0149) (view online)	folder 05
Aerial view of the airport at Hughes's aircraft plant in Culver City, California, approximately 1960-1965 (0321_0150) (view online)	folder 05
Buick radio, approximately 1940-1949 (0321_0164) (view online)	folder 05
Hughes Tool Company, 1917 (0321_0167)	box SH-032
Hangar in Glendale, California where Hughes Aircraft Company was started, undated (0321_0168)	box SH-032
Employees in front of the Hughes Tool Company building in Houston, Texas, 1917 (0321_0169) (view online)	box SH-032
Howard R. Hughes Sr. standing outdoors by a trench mining drill, 1917 September 29 (0321_0178) (view online)	folder 06
Howard Hughes, N. E. Boehm, and an unidentified man examining machinery in the Hughes Tool Company plant, 1938 July 30 (0321_0182) (view online)	folder 06
Howard Hughes and Noah Dietrich at a Hughes Tool Company celebration in Houston, Texas, 1939 (0321_0183) (view online)	folder 06
Howard Hughes and S. P. Brown examining the new Hughes rock bit head at the Hughes Tool Company plant, 1938 July 30 (0321_0185) (view online)	folder 06
Crowd of Hughes Tool Company employees holds a welcome rally for Howard Hughes in Houston, Texas, 1938 July 30 (0321_0186) (view online)	folder 06
Howard Hughes with a group of people from the Hughes Tool Company, 1938 July 30 (0321_0189) (view online)	folder 06
Howard Hughes examining machinery in Hughes Tool Company plant, 1938 (0321_0196) (view online)	folder 07
Howard Hughes examining machinery in his airplane plant, approximately 1930-1939 (0321_0200)	folder 07
First radar antenna produced at Hughes's plant after being returned for servicing, with Charles B. Thornton, Simon Ramo, Ray B. Parkhurst, and Harold George, 1952 (0321_0207) (view online)	folder 07
L. A. Hyland arrives to take over as General Manager of Hughes Aircraft Company, 1954 November 22 (0321_0219) (view online)	folder 07
Interior of the Hughes Tool Company, Houston, Texas, approximately 1916-1919 (0321_0220) (view online)	folder 07
Interior of Hughes's Los Angeles plant showing the storage or shipping of Hughes simplex drill bits, 1922 (0321_0221) (view online)	folder 08
Hughes Aircraft Company under construction, Culver City, California, approximately 1941 (0321_0222)	

	folder 08
Administration building for the Hughes Tool Company at the Hughes plant on Polk Avenue in Houston, Texas, 1922 (0321_0223) (view online)	folder 08
Hughes administrative building, Los Angeles, California, undated (0321_0224) (view online)	folder 08
Hughes Electronics corporate headquarters, 1997 (0321_0225) (view online)	folder 08
Aerial view of Hughes plant, possibly in Culver City, California, undated (0321_0226)	folder 08
Howard Hughes and employees visiting Hughes Tool Company in Houston, Texas, 1938 July 30 (0321_0228) (view online)	folder 08
Workers at Hughes Tool Company, 1951 (0321_0230) (view online)	folder 08
Aerial view of an unidentified airfield owned by Howard Hughes, possibly in Culver City, California, approximately 1940-1959 (0321_0231) (view online)	folder 08
Falcon missile and rockets, weapons designed and built by the Hughes Aircraft Company for the U.S. Air Force, 1955 September 21 (0321_0233) (view online)	folder 08
Trophy modeled for display after the Hughes Tool Company hard formation rock bit type R-1, approximately 1950-1959 (0321_0237) (view online)	folder 08
Dick Hannah, official spokesman for Howard Hughes, is seen behind his desk in his office, 1973 (0321_0246) (view online)	folder 09
Dick Hannah, standing at far right, at Howard Hughes telephone press conference at the Universal-Sheraton Hotel in North Hollywood, California, 1972 January 07 (0321_0247) (view online)	folder 09
Dick Hannah, official spokesman for Howard Hughes, talks to the media during a press conference, 1972 March 19 (0321_0248) (view online)	folder 09
3-D antenna for Frescanar, Hughes Aircrafts Company's guided missile targeted radar system; Dr. Nicholas Begovich, Director of Engineering, Hughes Ground Systems Group, E. W. Templin, systems evaluation engineer (left), 1957 (0321_0249) (view online)	folder 09
Technicians working with large pieces of electronic equipment, 1959 (0321_0250) (view online)	folder 09
Artist's conception of futuristic undersea MOBOTS, remote controlled handling devices envisioned by Hughes Aircraft scientists, 1959 (0321_0251) (view online)	folder 09
Hughes Tool Company's hard formation rock bit type R-1, approximately 1950-1959 (0321_0280) (view online)	folder 10
Hughes Helicopters Division of Summa Corporation building in Culver City, California, approximately 1957-1959 (0321_0281) (view online)	folder 10

Airplane hangar at the Hughes Helicopters Division of Summa Corporation in Culver City, California, approximately 1957-1959 (0321_0282) (view online)	folder 10
Hughes Research Laboratories where rock bits were test-drilled in Culver City, California, approximately 1940-1949 (0321_0284) (view online)	folder 10
Captain Jack Le Claire explains the Howard Hughes-designed airline radar "automatic terrain clearance indicator" to James M. Landis, chairman of the Civil Aeronautics Board, 1947 (0321_0316) (view online)	folder 11
Welder applying an atomic-hydrogen welding process to the teeth of a rock bit drill at the Hughes Tool Company plant in Houston, Texas, approximately 1945-1955 (0321_0330) (view online)	folder 12
Rock bit type R-1, approximately 1945-1955 (0321_0431) (view online)	flat file 02
Howard Hughes is sitting on the ground examining an architectural drawing of the Hughes Culver City plant, 1947 (0321_0432) (view online)	folder 15
Interior of a plane that was being used by the Army Air Forces to take aerial photographs, approximately 1940-1959 (0321_0435) (view online)	folder 15
Army Air Force personnel viewing pictures through a stereoscope, approximately 1940-1959 (0321_0436) (view online)	folder 15
Army Air Force Compilation Technician at work transferring the pertinent terrain information from the Recto-Blique to the chart, approximately 1940-1959 (0321_0437) (view online)	folder 16
Oil derrick tower above a block-long laboratory in Houston, Texas, where the Hughes Tool Company simulates drilling conditions, approximately 1940-1959 (0321_0440) (view online)	folder 16
Hughes Laboratory machine shop, approximately 1940-1959 (0321_0441) (view online)	folder 16
Hughes Laboratory machine shop, approximately 1940-1959 (0321_0442) (view online)	folder 16
Hughes Laboratory machine shop, approximately 1940-1959 (0321_0443) (view online)	folder 16
Hughes Laboratory machine shop, approximately 1940-1959 (0321_0444) (view online)	folder 16
Worker fits a new Hughes Jet bit into the drill collar, approximately 1940-1959 (0321_0445) (view online)	folder 16
Men working on Hughes rock drilling bit piece 5411-482 at the Hughes Tool company in Houston, Texas, approximately 1950-1959 (0321_0446) (view online)	folder 16
Men inspecting drill bits at the Hughes Tool Company in Houston, Texas, approximately 1950-1959 (0321_0447) (view online)	folder 16
Man working on Hughes rock bit drilling pieces at the Hughes Tool Company in Houston, Texas, approximately 1950-1959 (0321_0448) (view online)	folder 16

Man working at the Hughes Tool Company in Houston, Texas, approximately 1950-1959 (0321_0449) (view online)	folder 16
Hard formation drilling test at Hughes Tool Company, Houston, Texas, approximately 1946-1960 (0321_0450) (view online)	folder 16
Rock bit production at Hughes plant, Houston, Texas, approximately 1950-1959 (0321_0451) (view online)	folder 16
Kearney and Trecker 4-spindle machine at the Hughes Tool Company, Houston, Texas, approximately 1950-1959 (0321_0452)	folder 16
Hughes microbit for testing full-size bits, approximately 1950-1959 (0321_0453) (view online)	folder 16
Hughes Tool Company mechanical testing section, approximately 1950-1959 (0321_0454) (view online)	folder 16
Hughes drilling laboratory, approximately 1950-1959 (0321_0455) (view online)	folder 16
Rock bit testing, approximately 1950-1959 (0321_0456) (view online)	folder 16
General Ira C. Eaker, the Vice President of Hughes Tool Company and Hughes Aircraft, giving an unidentified man an award, approximately 1940-1959 (0321_0457) (view online)	folder 16

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Motion picture production photographs, 1928-1959

Physical Description: 3.2 Linear Feet (10 hanging folders and 2 flat files)

Scope and Contents Note: Materials contain photographs related to RKO Pictures (Radio-Keith-Orpheum) and Howard Hughes's movies from 1928 to 1959. The photographs primarily depict Howard Hughes on the set of the film *The Outlaw* (1943), which he directed. The photographs also include portraits of RKO actors, including Frank Sinatra, Jane Russell, and Claudette Colbert. Hughes purchased RKO in 1948.

Arrangement: Materials remain in original order.

Title/Description	Containers
John D. Home, Department Commander of the American Legion; Howard Hughes, Managing Director of production for RKO Pictures; Edward Underwood, Commander of the Hollywood American Legion Motion Picture Post #43, 1952 (0321_0043) (view online)	folder 01
Headquarters and communications center for Howard Hughes operations, Hollywood, California, approximately 1960-1969 (0321_0095) (view online)	folder 03
Lex Barker, approximately 1950-1955 (0321_0098) (view online)	folder 03
Farley Granger, approximately 1950-1955 (0321_0099) (view online)	folder 03
Cornel Wilde, approximately 1950-1955 (0321_0100) (view online)	

	folder 03
Robert Mitchum, approximately 1950-1955 (0321_0101) (view online)	folder 03
Frank Sinatra, approximately 1940-1959 (0321_0102)	folder 03
Robert Ryan, approximately 1950-1955 (0321_0103) (view online)	folder 03
Tony Martin, approximately 1950-1955 (0321_0104) (view online)	folder 03
Jane Russell, approximately 1950-1955 (0321_0105) (view online)	folder 03
Jane Russell, approximately 1950-1955 (0321_0106) (view online)	folder 03
Marie Wilson, approximately 1950-1955 (0321_0107) (view online)	folder 03
Jean Simmons, approximately 1950-1955 (0321_0108) (view online)	folder 03
Lizabeth Scott, approximately 1950-1955 (0321_0109) (view online)	folder 03
Janet Leigh, approximately 1950-1955 (0321_0110) (view online)	folder 03
Claudette Colbert, approximately 1950-1955 (0321_0111) (view online)	folder 03
RKO Pictures' blimp advertising their movie, "The Outlaw," that starred Jane Russell, 1950 January 23 (0321_0112) (view online)	folder 03
Thomas Black, Howard Hughes, and Noah Dietrich during the 1947 Senate War Investigating Committee hearings in Washington, D.C., 1947 August 06 (0321_0114) (view online)	folder 04
Howard Hughes on the "Hell's Angels" movie set in Van Nuys, California, 1928 March 28 (0321_0120) (view online)	folder 04
Blimp used to promote the motion picture "The Outlaw", 1943 (0321_0143) (view online)	folder 05
RKO Radio Pictures Inc. building owned by Howard Hughes, approximately 1950-1955 (0321_0144) (view online)	folder 05
Poster advertising the film "The Outlaw", 1950 (0321_0145) (view online)	folder 05
Blimp advertising "The Outlaw", 1950 (0321_0146) (view online)	folder 05
Howard Hughes, possibly on a movie set, approximately 1940-1941 (0321_0192) (view online)	folder 06

Air combat scene from the motion picture "Hell's Angels," directed by Howard Hughes, approximately 1930 (0321_0245) (view online)	folder 08
Howard Hughes on the set of the motion picture "The Outlaw", approximately 1940-1941 (0321_0265) (view online)	folder 09
Howard Hughes talks with Jules Furthman, author of the story and screenplay of the motion picture "The Outlaw", approximately 1940-1941 (0321_0266) (view online)	flat file 02
Howard Hughes talks with actor Walter Huston on the set of the motion picture "The Outlaw", approximately 1940-1941 (0321_0267) (view online)	flat file 02
Howard Hughes talks with actor Walter Huston on the set of the motion picture "The Outlaw", approximately 1940-1941 (0321_0268) (view online)	flat file 02
Howard Hughes talks with actor Walter Huston on the set of the motion picture "The Outlaw", approximately 1940-1941 (0321_0269) (view online)	flat file 02
Stunt pilots for the film "Hell's Angels" line up before the largest fleet of World War I planes ever assembled for the making of a motion picture, Oakland, California airport, 1929 (0321_0273) (view online)	folder 10
John D. Home, Department of Communications of the American Legion; Howard Hughes; and Edward Underwood, Department of Communications of Hollywood American Legion Motion Picture Post #43, approximately 1957-1959 (0321_0279) (view online)	folder 10
Howard Hughes in his RKO office, approximately 1946-1957 (0321_0350) (view online)	folder 12
Photographer filming during the Operation of Akeley A-1 Motion Picture Camera and use of oxygen equipment in a Beechcraft F-2 Airplane, approximately 1940-1959 (0321_0438) (view online)	folder 16
Howard Hughes on the set of "The Outlaw", approximately 1941 (0321_0468)	flat file 02
Howard Hughes on the set of "The Outlaw" with Jules Furthman, approximately 1941 (0321_0469)	flat file 02
Howard Hughes on the set of "The Outlaw", approximately 1941 (0321_0470) (view online)	flat file 02
Howard Hughes on the set of "The Outlaw", approximately 1941 (0321_0471) (view online)	flat file 02
Howard Hughes on the set of "The Outlaw", approximately 1941 (0321_0472) (view online)	flat file 02
Howard Hughes on the set of "The Outlaw", approximately 1941 (0321_0473) (view online)	flat file 02
Howard Hughes on the set of "The Outlaw", approximately 1941 (0321_0474) (view online)	flat file 02

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Las Vegas, Nevada photographs, 1960-1979

Physical Description: 1.6 Linear Feet (1 shared box of negatives, 1 shared binder of slides, and 1 flat file)

Scope and Contents Note: Materials contain photographs of Las Vegas, Nevada from 1960 to 1979. The photographs primarily depict properties owned by Howard Hughes after he moved to Las Vegas in 1966, including the Desert Inn, the Silver Slipper, the Landmark Hotel, the Sands Hotel, and the Frontier Hotel. The photographs also include the Spring Mountain Ranch that Hughes purchased for his wife Jean Peters and aerial views of the Las Vegas Strip.

Arrangement: Materials remain in original order.

Title/Description	Containers
Collage of marquees of Howard Hughes' Las Vegas properties, approximately 1966-1970 (0321_0001) (view online)	box SH-032
Landmark Hotel marquee, approximately 1966-1970 (0321_0002) (view online)	box SH-032
Electric sign over the Landmark Hotel porte cochere at night, approximately 1966-1970 (0321_0003) (view online)	box SH-032
Landmark Hotel marquee, approximately 1966-1970 (0321_0004) (view online)	box SH-032
Hughes Executive Air Terminal in Las Vegas, Nevada, approximately 1960-1969 (0321_0005) (view online)	binder PB-007
Hughes Executive Air Terminal in Las Vegas, Nevada, approximately 1960-1970 (0321_0006) (view online)	binder PB-007
Landmark Hotel tower, approximately 1966-1970 (0321_0007) (view online)	binder PB-007
Landmark Hotel porte cochere and tower, approximately 1966-1970 (0321_0008) (view online)	binder PB-007
Landmark Hotel tower, with golfers in the foreground, approximately 1966-1970 (0321_0009) (view online)	binder PB-007
Landmark Hotel, approximately 1966-1970 (0321_0010) (view online)	flat file 01
Landmark Hotel, with International Hotel being constructed in the background, 1969 (0321_0011) (view online)	binder PB-007
Landmark Hotel tower and the Las Vegas Convention Center dome, approximately 1966-1970 (0321_0012) (view online)	binder PB-007
Aerial view of the Landmark Hotel tower, with Circus Circus Las Vegas in the background, approximately 1967-1972 (0321_0013) (view online)	binder PB-007
Women enjoying the Desert Inn swimming pool patio with the hotel's tower in the background, approximately 1967-1972 (0321_0014) (view online)	binder PB-007
Desert Inn swimming pool and tower, with an arch in the foreground, approximately 1967-1972 (0321_0015) (view online)	binder PB-007
Guests on the patio at the Desert Inn swimming pool, approximately 1967-1972 (0321_0016) (view online)	binder PB-007

Silver Slipper Casino and Frontier Hotel marquees, undated (0321_0017)	binder PB-007
Silver Slipper Casino and Frontier Hotel marquees, undated (0321_0018)	binder PB-007
Aerial view of the Las Vegas Strip, undated (0321_0019)	binder PB-007
Aerial view of the Las Vegas Strip, undated (0321_0020)	binder PB-007
Aerial view of the Las Vegas Strip, undated (0321_0021)	binder PB-007 flat file 01
Aerial view of the Sands Hotel, undated (0321_0022)	flat file 01
Aerial view of the Frontier Hotel, Desert Inn, Las Vegas Convention Center, and Landmark Hotel, undated (0321_0023)	flat file 01
Aerial view of the Frontier Hotel and Landmark Hotel, undated (0321_0024)	binder PB-007
Entrance to Spring Mountain Ranch, undated (0321_0028)	flat file 01
Spring Mountain Ranch State Park, undated (0321_0029)	binder PB-007
Spring Mountain Ranch State Park, undated (0321_0030)	binder PB-007
Ranch house at Spring Mountain Ranch, undated (0321_0031)	binder PB-007
Ranch house at Spring Mountain Ranch, undated (0321_0032) (view online)	flat file 01
Hughes Executive Air Terminal, Las Vegas, approximately 1967-1969 (0321_0033) (view online)	flat file 01
Desert Inn Hotel, Silver Slipper Casino, and the Frontier Hotel, undated (0321_0034)	flat file 01
Landmark Hotel, Las Vegas, Nevada, approximately 1970-1979 (0321_0035) (view online)	flat file 01
Desert Inn Hotel and swimming pool, approximately 1960-1964 (0321_0036) (view online)	flat file 01
Marquees of the Silver Slipper, Desert Inn, and Frontier Hotels in Las Vegas, Nevada, at twilight, 1968 (0321_0039) (view online)	flat file 01
Collage of marquees of Howard Hughes' Las Vegas properties, approximately 1966-1970 (0321_0272) (view online)	box SH-032

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Event photographs, 1930-1979

Physical Description: 3.2 Linear Feet (9 hanging folders and 2 flat files)

Scope and Contents Note: Materials contain photographs from events hosted or attended by Howard Hughes or his associates from approximately 1930 to 1979. The photographs primarily depict banquets and parades held in Hughes's honor.

Arrangement: Materials remain in original order.

Title/Description	Containers
Robert Maheu and an unidentified person, approximately 1970-1979 (0321_0037) (view online)	flat file 01
Robert Maheu and two unidentified men, approximately 1970-1979 (0321_0038) (view online)	flat file 01
Howard Hughes and others, undated (0321_0063)	folder 01
Howard Hughes at a reception, undated (0321_0070) (view online)	folder 02 flat file 01
Howard Hughes waving to crowds in a parade in Houston, Texas, 1938 July 30 (0321_0122) (view online)	folder 04
Howard Hughes in the back seat of a car en route to his hotel in New York, 1936 July 14 (0321_0123) (view online)	folder 04
Howard Hughes in a parade in Houston, Texas, 1938 July 30 (0321_0124) (view online)	folder 04
Howard Hughes wearing an American Airways uniform, approximately 1938-1945 (0321_0125) (view online)	folder 04
Howard Hughes shakes hands with President Franklin D. Roosevelt in Roosevelt's office after Hughes received the Harmon Aviator Trophy, 1936 (0321_0127) (view online)	folder 04
Dick Goddard, Connor, Howard Hughes, Al Lodrinek, Edward Lund, and Tommy, approximately 1935-1945 (0321_0128) (view online)	folder 04
Howard Hughes, approximately 1935-1945 (0321_0132)	folder 04
Howard Hughes in American Airways uniform, undated (0321_0134)	folder 04
Howard Hughes playing golf, undated (0321_0139)	folder 04
Alexander Troyanovsky, Soviet Ambassador to the U.S., and Howard Hughes at the Moscow Airdrome, Moscow, Russia, 1938 July 12 (0321_0171) (view online)	folder 06

Howard Hughes receives congratulations from New York Mayor Fiorello La Guardia at Floyd Bennett Airport in Brooklyn, New York; also featured is Grover Whalen, 1938 July 12 (0321_0172) (view online)	folder 06
Howard Hughes in an Ambassador Hotel suite, Los Angeles, California, 1938 March 02 (0321_0173) (view online)	folder 06
California Governor Frank Merriam, Howard Hughes, and Los Angeles Mayor Frank L. Shaw riding in a car in a parade on 5th Street in Los Angeles, California, 1938 August 01 (0321_0174) (view online)	folder 06
Howard Hughes, Cary Grant, and Miguel Alemán Valdés, President of Mexico, 1947 February 18 (0321_0175) (view online)	folder 06
Edward Lund, Howard Hughes, Harry Connor, and Lieutenant Thomas Thurlow, Houston, Texas, 1938 July 30 (0321_0176) (view online)	folder 06
Howard Hughes descending a stairway from Constellation 069, at the Washington National Airport in Washington, D.C., 1944 April 17 (0321_0177) (view online)	folder 06
Howard Hughes surrounded by crowd at Houston Airport, Houston, Texas, 1938 July 30 (0321_0180) (view online)	folder 06
Howard Hughes is escorted into the lobby of the Rico Hotel, Houston, Texas, 1938 July 30 (0321_0181) (view online)	folder 06
Howard Hughes shakes hands with a young person, probably after the Senate War Investigating Committee hearings in Washington, D.C., approximately 1947-1948 (0321_0187) (view online)	folder 06
Howard Hughes on an airplane wing or tail, undated (0321_0188)	folder 06
Howard Hughes and others, approximately 1951-1953 (0321_0190) (view online)	folder 06
Howard Hughes being interviewed by media before beginning his around-the-world flight attempt, 1938 July 10 (0321_0191) (view online)	folder 06
Howard Hughes and others seated at banquet table, approximately 1930-1940 (0321_0193) (view online)	folder 06
Howard Hughes in a crowd of people after his around-the-world flight, New York City, New York, 1938 July 13 (0321_0194) (view online)	folder 06
Howard Hughes and others, approximately 1930-1940 (0321_0195) (view online)	folder 06
Howard Hughes talking with William Powell, Veronica Lake, André De Toth, and Johnny Meier, Hughes Public Relations head at the 21 Club in New York City, New York, 1946 February 17 (0321_0199) (view online)	folder 07
Howard Hughes riding on back of car in a parade marking the New York World's Fair, approximately 1939-1940 (0321_0203) (view online)	folder 07
Howard Hughes in the pilot's chair with Dave Evans, Rae Hopper, and possibly Dave Grant, 1947 November 02 (0321_0277) (view online)	folder 10

Howard Hughes at a press conference, 1947 April (0321_0332) (view online)	folder 12
Howard Hughes at a press conference, 1947 April (0321_0333) (view online)	folder 12
Howard Hughes exiting an airplane in New York, 1947 April (0321_0334) (view online)	folder 12
Howard Hughes greeting a group of men, approximately 1940-1959 (0321_0352) (view online)	folder 12
Graph of evasive maneuvers possibly in a plane, approximately 1940-1959 (0321_0429)	folder 15
Sergeant Stanley R. Erickson puts together an aerial photographic map while Lieutenant Marvin R. Williams of Sligo, Pennsylvania looks on, approximately 1940-1959 (0321_0433) (view online)	folder 15
Men in the Army Air Forces at the Mosaic Department, 8th Photo Section, in Mitchell Field, New York, approximately 1940-1959 (0321_0434) (view online)	folder 15
Captain Ursal P. Marshall using equipment on D-Day, 1944 June 06 (0321_0439) (view online)	folder 16
Howard Hughes and Noah Dietrich during a dinner in Houston, Texas, 1938 July 30 (0321_0459) (view online)	folder 16
General Ira C. Eaker; Clifford Irving; and James Howard "Dutch" Kindelberger, President and General Manager of North American Aviation, approximately 1940-1959 (0321_0460) (view online)	folder 16
Clifford Irving, James Howard "Dutch" Kindelberger, Larsen Warren, Noah Dietrich, Fletcher Bowron, Robert Gross, maybe D. W. Rentzel, and General Ira C. Eaker attending a banquet, approximately 1940-1959 (0321_0461) (view online)	folder 16
James Howard "Dutch" Kindelberger, Larsen Warren, and Noah Dietrich seated at a banquet table, approximately 1940-1950 (0321_0462) (view online)	folder 16
People at an unidentified banquet, including Larsen Warren, approximately 1940-1959 (0321_0463) (view online)	folder 16
People at an unidentified banquet, approximately 1940-1959 (0321_0464) (view online)	folder 16
People at an unidentified banquet, approximately 1940-1959 (0321_0465) (view online)	folder 16
People at an unidentified banquet, approximately 1940-1959 (0321_0466) (view online)	folder 16
Howard Hughes and two other people, approximately 1940-1959 (0321_0467) (view online)	flat file 02

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