



Grumman Aerospace Photographs Collection, c.1959-c.1970s

Special Collections Department/Long Island Studies Institute

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Date Completed:	[Feb. 15, 2022]

Grumman Aerospace Photographs Collection, c.1959-c.1970s
0.50 cubic ft.

The Grumman Aircraft Engineering Corporation was founded in Baldwin, New York, in 1929. As the corporation expanded, it relocated to Valley Stream and then to Farmingdale, before eventually settling in Bethpage. In 1969, it changed its name to the Grumman Aerospace Corporation, and in 1994 it merged with Northrop Corporation to form Northrop Grumman. Included among the products designed/manufactured by Grumman over the years are military and civilian aircraft, and spacecraft, including the lunar modules for the Apollo space program.

The collection is composed mainly of color and black and white 8 x 10 photographs that were taken during the time when the corporation was known as Grumman Aerospace. The majority of the photographs were taken during the 1970s and are of various U.S. Navy and U.S. Marines military aircraft. Also included are NASA photographs taken during Apollo space missions, photographs of aircraft made by companies other than Grumman, and photographs of illustrations and artists' concepts of aerospace-related subjects. There are also a small number of photographs of emergency vehicles and a U.S. warship.

SUBJECTS:

Names:

Grumman Aerospace Corporation
Grumman Aircraft Engineering Corporation
Northrop Grumman
United States. National Aeronautics and Space Administration.

Subjects:

Aerospace engineering--United States--History.
Apollo Spacecraft.
Aviation.
Aviation--History.
Bethpage (N.Y.)--History.
Grumman Aerospace Corporation--History.
Grumman airplanes.
Grumman airplanes--History.
Intruder (Jet attack plane).
Long Island--History.
Tomcat (Jet fighter plane).

Places:

Bethpage (N.Y.).
 Long Island (N.Y.).

Form and Genre Terms:

Memorabilia.
 Photographs.
 Printed materials.

Box and folder listings

Photographs

Box #1

I. Grumman, U.S. Military Aircraft

Box 1 Fldr.	Date	Description	Notes
		A-6 INTRUDER	
1-1	c.1970s	A-6 Intruders, an F-14 Tomcat, an E-2C Hawkeye, and an S3 Viking on the deck of the aircraft carrier U.S.S. John F. Kennedy.	Color
1-2	c.1970s	Four U.S. Marines Grumman A-6 Intruder attack aircraft in flight.	Color
1-3	c.1970s	Four U.S. Navy Grumman A-6 Intruder attack aircraft in flight.	Color
1-4	c.1970s	Grumman A-6 Intruder attack aircraft in flight.	Color
1-5	c.1970s	Three U.S. Marines Grumman A-6 Intruder attack aircraft flying over an airfield.	Color
1-6	c.1970s	Two U.S. Marines Grumman A-6 Intruder attack aircraft in flight.	Color
1-7	c.1970s	U.S. Marines Grumman A-6 Intruder attack aircraft in flight.	Color
1-8	c.1970s	U.S. Marines Grumman A-6 Intruder attack aircraft in flight.	Color
1-9	c.1970s	U.S. Marines Grumman A-6 Intruder attack aircraft in flight.	Color
1-10	c.1970s	U.S. Navy Grumman A-6 Intruder attack aircraft in flight. (2 copies)	Color
		E-2C HAWKEYE	
1-11	c. 1970s	U.S. Navy Grumman E-2C Hawkeye tactical Airborne Early Warning (AEW) aircraft in flight.	Color
1-12	c.1970s	U.S. Navy Grumman E-2C Hawkeye tactical Airborne Early Warning (AEW) aircraft making a landing.	Color

I. Grumman, U.S. Military Aircraft

1-13	c.1970s	U.S. Navy Ling-Temco-Vought A-7 Corsair II and a Grumman E-2C Hawkeye on the deck of the aircraft carrier U.S.S. John F. Kennedy.	Color
		EA-6B PROWLER	
1-14	c.1970s	U.S. Navy Grumman EA-6B Prowler electronic attack jet in flight.	Black and white
		F11F-1 TIGER	
1-15	c.1959	Four U.S. Navy Grumman F11F-1 Tiger jet fighters in flight.	Color
1-16	1965	U.S. Navy Blue Angels (Grumman F11F-1 Tigers) flying past the Eiffel Tower.	Color
1-17	c. 1960s	U.S. Navy Grumman F11F-1 Tiger jet fighter in flight.	Color
		F14 TOMCAT	
1-18	c.1960s	U.S. Navy Grumman F-14 Tomcat jet fighter next to a building. (2 copies)	Color
1-19	c.1970s	Aerial view of the aircraft carrier U.S.S. John F. Kennedy with U.S. Navy Grumman F-14 Tomcat jet fighters and other military aircraft on the flight deck.	Color
1-20	c.1970s	Flight crew member and pilots onboard a U.S. Navy Grumman F-14 Tomcat jet fighter at an unidentified air base.	Color
1-21	c.1970s	Illustration (overhead view) of Grumman F-14 Tomcat jet fighter.	Color
1-22	c.1970s	Model of U.S. Navy Grumman F-14 Tomcat jet fighter.	Color
1-23	c.1970s	Seven U.S. Navy Grumman F-14 Tomcat jet fighters flying in formation.	Color
1-24	c.1970s	Three U.S. Navy Grumman F-14 Tomcat jet fighters in flight.	Color
1-25	c.1970s	Two U.S. Navy Grumman aircraft in flight, an F-14 Tomcat jet fighter at left and an E-2C Hawkeye (AEW) at right.	Color
1-26	c.1970s	Two U.S. Navy Grumman F-14 Tomcat jet fighters (VF-84 Jolly Rogers) in flight.	Color
1-27	c.1970s	Two U.S. Navy Grumman F-14 Tomcat jet fighters in flight.	Color
1-28	c.1970s	Two U.S. Navy Grumman F-14 Tomcat jet fighters in flight.	Color
1-29	c.1970s	Two U.S. Navy Grumman F-14 Tomcat jet fighters on the deck of an unidentified aircraft carrier.	Color

I. Grumman, U.S. Military Aircraft

1-30	c.1970s	U.S. Marines Lockheed KC-130 tanker fueling a U.S. Navy Grumman F-14 Tomcat jet fighter.	Color
1-31	c.1970s	U.S. Navy F-14 Tomcat jet fighter chasing a U.S. Navy McDonnell Douglas F-4 Phantom fighter-bomber.	Color
1-32	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter coming to a stop on the deck of the aircraft carrier U.S.S. America.	Color
1-33	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter in flight.	Color
1-34	c.1970s	U.S. Navy Grumman F-14 Tomcat landing on the deck of an unidentified aircraft carrier.	Color
1-35	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter in flight.	Color
1-36	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter in flight.	Color
1-37	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter in flight.	Color
1-38	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter in flight.	Color
1-39	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter inside an unidentified building.	Black and white
1-40	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter landing on the deck of the aircraft carrier U.S.S. America.	Color
1-41	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter landing on the deck of an aircraft carrier.	Color
1-42	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter on deck of aircraft carrier U.S.S. America. (2 copies)	Color
1-43	c.1970s	U.S. Navy Grumman F-14 Tomcat jet fighter on the deck of the aircraft carrier U.S.S. America.	Color
1-44	c.1970s	Underside view of a U.S. Navy Grumman F-14 Tomcat jet fighter in flight.	Color
		F-14A TOMCAT	
1-45	c.1970s	U.S. Navy Grumman F-14A Tomcat jet fighter landing on the deck of the aircraft carrier U.S.S. America.	Color
1-46	c.1970s	U.S. Navy Grumman F-14A Tomcat jet fighter landing on the deck of the aircraft carrier U.S.S. America.	Color
1-47	c.1970s	U.S. Navy Grumman F-14A Tomcat jet fighter on the deck of the aircraft carrier U.S.S. America.	Color

I. Grumman, U.S. Military Aircraft

		F-14B TOMCAT	
1-48	c.1970s	Two U.S. Navy Grumman F-14B Tomcat jet fighters and one F-14A Tomcat jet fighter in flight.	Color
1-49	c.1970s	Two U.S. Navy Grumman F-14B Tomcats and one F-14A Tomcat in flight.	Color
1-50	c.1970s	U.S. Navy Grumman F-14B Tomcat jet fighter at an unidentified airfield.	Color
1-51	c.1970s	U.S. Navy Grumman F-14B Tomcat jet fighter at an unidentified airfield.	Color
		F9F PANTHER	
1-52	c.1960s	U.S. Navy Grumman F9F Panther jet fighter at an unidentified airport.	Color
		KA-6 INTRUDER	
1-53	c.1970s	U.S. Navy Grumman KA-6 Intruder tanker refueling a U.S. Navy Grumman F-14 Tomcat jet fighter. (2 copies)	Color
1-54	c.1970s	U.S. Navy Grumman KA-6 Intruder tanker refueling a U.S. Navy Grumman A-6 Intruder attack aircraft.	Black and white

II. Grumman, U.S. Commercial Aircraft

		G-73 MALLARD	
1-55	c.1960s	Grumman G-73 Mallard commercial seaplane at an unidentified airport.	Black and white
1-56	c.1960s	Grumman G-73 Mallard commercial seaplane on display at an unidentified airport.	Color
		GULFSTREAM I	
1-57	c.1960s	Grumman Gulfstream I business aircraft on airfield at Grumman in Bethpage, N.Y.	Color
		GULFSTREAM II	
1-58	c.1970s	Grumman Gulfstream II business jet at an unidentified airport.	Black and white
1-59	c.1970s	Grumman Gulfstream II business jet at an unidentified airport.	Black and white
1-60	c.1970s	Grumman Gulfstream II business jet in flight.	Black and white
1-61	c.1970s	Grumman Gulfstream II business jet in flight.	Color

III. Grumman, Foreign Military/Commercial Aircraft

		E-2G HAWKEYE	
1-62	c.1970s	Illustration of a Grumman E-2G Hawkeye Airborne Early Warning (AEW) aircraft with German Air Force insignia	Color
		F-14 TOMCAT	
1-63	c.1970s	Underside view of a model of a Grumman F-14 jet fighter with Islamic Republic of Iran Air Force insignias.	Color
		PBY CATALINA	
1-64	c.1970s	Força Aérea Brasileira (Brazilian Air Force) Grumman PBY Catalina seaplane at an unidentified airfield.	Color

IV. Grumman, Apollo Space Missions

		APOLLO 9 MISSION	
1-65	Mar. 6, 1969	Astronaut Dave Scott, command module pilot, performing a 1-hour stand-up extravehicular activity in the open command module hatch on the fourth day of the Apollo 9 earth-orbital mission. (2 copies)	Color / NASA photograph
1-66	Mar. 6, 1969	Astronaut Russell L. Schweickart, lunar module pilot, is photographed from the Command Module “Gumdrop” during his extravehicular activity on the fourth day of the Apollo 9 earth-orbital mission.	Color / NASA photograph
1-67	Mar. 6, 1969	Astronaut Russell L. Schweickart, lunar module pilot, operates a 70mm Hasselblad camera during his extravehicular activity on the fourth day of the Apollo 9 earth-orbital mission. (3 copies)	Color / NASA photograph
1-68	Mar. 6, 1969	Astronaut Russell L. Schweickart, lunar module pilot, stands in “golden slippers” on the Lunar Module “Spider’s” porch during his extravehicular activity on the fourth day of the Apollo 9 earth-orbital mission.	Color / NASA photograph
1-69	Mar. 6, 1969	The Lunar Module “Spider” remains attached to the Saturn IVB stage in earth orbit prior to docking with Apollo 9’s Command/Service Module “Gumdrop.”	Color / NASA photograph
1-70	Mar. 7, 1969	The Apollo 9 Command/Service Modules photographed from the Lunar Module, “Spider,” on the fifth day of the Apollo 9 earth-orbital mission.	Color / NASA photograph

IV. Grumman, Apollo Space Missions

		APOLLO 11 MISSION	
1-71	Jul. 11, 1969	Artist's concept of Apollo 11 astronaut Neil Armstrong on the moon.	Black and white / Photograph. Illustrator: Craig Kavafes, Grumman Aerospace
		APOLLO 14 MISSION	
1-72	Feb. 5, 1971	A front view of the Apollo 14 Lunar Module "Antares," which reflects a circular flare caused by the brilliant sun.	Color / NASA photograph
1-73	Feb. 5, 1971	A front view of the Apollo 14 Lunar Module "Antares," which reflects a circular flare caused by the brilliant sun.	Color / NASA photograph
		UNIDENTIFIED MISSIONS	
1-74	c.1960s	Artist's concept illustrating cutaway view of a space station.	Black and white / Illustrator: Craig Kavafes, Grumman Aerospace
1-75	c.1970	Apollo space mission Command/Service modules in space.	Color / NASA photograph
1-76	c.1970	Artist's concept of a lunar landing module.	Black and white print. Illustrator: Craig Kavafes of Grumman Aerospace?
1-77	c. 1970	Artist's concept of Apollo lunar landing module hooked up to command and service modules.	Black and white / Illustrator: Craig Kavafes, Grumman Aerospace?
1-78	c. 1970	Artist's concept of lunar landing module near the surface of the moon.	Black and white print. Illustrator: Craig Kavafes, Grumman Aerospace
1-79	c.1970	High- altitude photograph of the moon taken by the crew of an Apollo space mission	Color / NASA photograph
1-80	c.1970	Photograph of space taken by the crew of an Apollo space mission.	Color / NASA photograph
1-81	c.1970s	Artist's concept illustrating cutaway view of a space shuttle.	Color / Illustrator: Craig Kavafes of Grumman Aerospace?

IV. Grumman, Apollo Space Missions

1-82	c.1970s	Artist's concept of a space station at work.	Color / Illustrator: Craig Kavafes of Grumman Aerospace?
1-83	c.1970s	Photograph of earth taken from space. (2 copies)	Color
1-84	c.1970s	Topographic features viewed from space.	Color

V. Grumman, General

1-85	c.1970s	Aerial view of Grumman Peconic River Airport.	Color
1-86	c.1970s	Four displays at a Grumman facility.	Color

VI. Non-Grumman, U.S. Military and Police Aircraft

		47G-3B HELICOPTER (Bell Helicopter)	
1-87	c.1960s	Two men working on the blade of a Nassau County Police Department Bell 47G-3B helicopter. Note: possibly at Grumman Airport, Bethpage, N.Y.	Color
		A-5 VIGILANTE (American Aviation)	
1-88	c.1970s	Multiple exposure print of a U.S. Navy North American Aviation A-5 Vigilante reconnaissance aircraft in flight.	Color
		AH-56 APACHE and AH-1 HUEY COBRA HELICOPTERS (Bell Helicopter)	
1-89	c.1970s	Two U.S. Army attack helicopters at an unidentified field, Bell Helicopter AH-56 Apache at left and Bell Helicopter AH-1 Huey Cobra at right.	Color
1-90	c.1970s	Two U.S. Army attack helicopters at an unidentified field, Bell Helicopter AH-56 Apache at top and Bell Helicopter AH-1 Huey Cobra at bottom.	Color
1-91	c.1970s	Two U.S. Army attack helicopters at an unidentified field, Bell Helicopter AH-1 Huey Cobra at left and Bell Helicopter AH-56 Apache at right.	Color
1-92	c.1970s	U.S. Army Bell Helicopter AH-56 Apache attack helicopter in an unidentified field.	Color

VI. Non-Grumman, U.S. Military and Police Aircraft

1-93	c.1970s	U.S. Army Bell Helicopter AH-56 Apache attack helicopter in an unidentified field.	Color
		F-111 (General Dynamics)	
1-94	c.1970s	U.S. Navy General Dynamics F-111 medium-range strategic bomber, reconnaissance, and tactical strike aircraft on the deck of an aircraft carrier. (Two 5x7 copies on one photo print)	Color
		F-4 PHANTOM (McDonnell Douglas)	
1-95	c.1970s	U.S. Air Force McDonnell Douglas F-4 Phantom fighter-bomber.	Color
		HC-130 HERCULES (Lockheed)	
1-96	c.1970s	Illustration of a tail of a 106 th Air National Guard (Air Rescue Squadron) Lockheed HC-130.	Color
		OH-6 CAYUSE HELICOPTER (Hughes Tool Co./Aircraft Division)	
1-97	c.1970s	U.S. Army Hughes Tool Co. (Aircraft Division) OH-6 Cayuse helicopter in flight.	Color

VII. Non-Grumman, Foreign Military Aircraft

		MIRAGE III (DASSAULT AVIATION)	
1-98	c.1960s	Unidentified man standing in front of a Royal Australian Air Force Dassault Mirage III jet fighter on an airfield.	Color
1-99	c.1970s	Royal Australian Air Force Dassault Mirage III jet fighters lined up at unidentified air base.	Color
1-100	c.1970s	Miniature "Soviet Fighter Development" model.	Color
		VAK191B (VFW FOKKER)	
1-101	c.1970s	VFW Fokker VAK191B experimental fighter? (Germany)	Color
1-102	c.1970s	VFW Fokker VAK191B experimental fighter? making a landing. (Germany)	Color
		OTHER	
1-103	c.1970s	Illustrations of Soviet military aircraft.	Color

VIII. Non-Grumman, U.S. Commercial Aircraft

1-104	c. mid-late 1960s	Aero Spacelines Super Guppy cargo plane at an unidentified airport	Black and white
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IX. U.S. Navy Warship

1-105	c.1970s	Destroyer U.S.S. Agerholm (DD-826) docked at an unidentified port.	Color
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X. Emergency Vehicles

1-106	c.1970s	Baldwin Fire Dept. First Aid Co. Mobile Intensive Care Unit truck parked in a field, c.1970s	Color
1-107	c.1970s	A "RescueMaster" and an ambulance parked in a field.	Color

XI. Printed Materials

Box 2

<u>Folder</u>	<u>Inclusive dates</u>	<u>Title</u>
1	1969, 1970	Grumman Corporation annual reports
2	c.1970s	<i>Lunar Module Derivatives for Future Space Missions.</i> Presentation portfolio with 13 color prints and a descriptive booklet.
3	c.1966	<i>Structural Design Data</i> (pocket manual), Grumman Aircraft Engineering Corporation
4	c.1943	Grumman Aircraft Engineering Corp. graphic on cardboard, "Thumbs Up! Give 'em Hell, Navy!!" featuring Grumman Hellcat on a National Aircraft Insignia

XII. Memorabilia and Promotional Items

Box 2

<u>Folder</u>	<u>Inclusive dates</u>	<u>Title</u>
5	1970s?	Grumman/United Way promotional mini-screwdriver
6	1970s-1980s	Decals and stickers 10 th Anniversary NASA/Grumman Lunar Module Moon Landing. 20 July 1969-The Eagle Has Landed A-6 Intruder (4) Anytime, Baby...! (TOMCAT) Anytime, Baby...! (TOMCAT) (2 miniatures) F-14 TOMCAT. Imperial Iranian Air Force. Flying eagle on shield (3) Grumman F-14 Defense Grumman / OV-104 Wing. Space Shuttle. Hawkeye (3)

XII. Memorabilia and Promotional Items

Box 2

Folder

6

Inclusive dates

1970s-1980s

Title

Decals and stickers

Hawkeye ARPS (2)

Hawkeye E-2C (2)

Hawkeye (with letters from Japanese alphabet) (2)

Intruder

Jam It (with lightning bolt graphic) [refers to jamming systems on certain Grumman aircraft]

Mohawk (Tomcat)

NASA Grumman Orbiting Astronomical Observatory.
Copernicus Launched August 21, 1972.

Navy-NASA-Grumman. F-14A ARI A/C 1X

Operation Readiness (6)

Prowler MOD / SLM

The Eyes of the Eagle (TOMCAT with eagle)

Tomcat

Tomcat Tweakers

TRAM (Target Recognition and Attack Multi-Sensor) (7)

TSP. Training Systems Programs. Education Thru Simulation (7)

U.S.S. Saratoga CV-60. Grumman.