



National Aeronautics and
Space Administration

Washington, D.C.
20546

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Reply to Attn of: MB

TO: Johnson Space Center
Attn: AA/Director

FROM: M/Associate Administrator for Space Flight

SUBJECT: Official Flight Kit (OFK) for STS-49

I have reviewed the enclosed list of items to be flown in the OFK for STS-49. In accordance with NMI 1900.6C, the list of OFK items is approved.



William B. Lenoir

Enclosure

cc:
G/Mr. Frankle
I/Ms. Finarelli

OFFICIAL FLIGHT KIT
STS-49

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>SPONSOR/PURPOSE</u>
1	700 STS-49 Embroidered Crew Patches	Agency presentation items
2	300 Small (4"x6") United States Flags	Agency presentation items
3	2 Sets of U.S. States and U.S. Territories Flags (4"x6")	Agency presentation items
4	2 Sets of United Nations Members Flags (4"x6")	Agency presentation items
5	5 Each of the Following State Flags (4"x6"): Alabama Idaho Massachusetts North Dakota	Agency presentation items
6	10 Each of the Following State Flags (4"x6"): California Florida Missouri Virginia Wisconsin	Agency presentation items
7	5 Each Small (4"x6") NASA Flags	Agency presentation items
8	5 Each United States Coast Guard Flags (4"x6")	Agency presentation items
9	10 Each Small (4"x6") Flags of the Following Military Branches: United States Air Force United States Navy	Agency presentation
10	1000 Signed Cards by Endeavour Build Team	Rockwell Intl. Manned Flight Awareness, Downey, CA
11	Technical Services Division Patch	Technical Services Division, NASA/JSC Houston, TX
12	Man-Systems Division Patch	Man-Systems Division NASA/JSC, Houston, TX

13	Engineering Directorate Patch	Structures & Mechanics Div. NASA/JSC, Houston, TX
14	Crew & Thermal Systems Patch	Crew & Thermal Systems Division NASA/JSC, Houston, TX
15	5 KSC Etchings	Kennedy Space Center, Florida
16	400 STS-49 Embroidered Crew Patches	NASA Headquarters Educational Affairs Division
17	5000 Small (4"x6") Endeavor Flags 636 Silver Snoopy Pins	NASA Headquarters Manned Flight Aware- ness Program
18	80 Silver Snoopy Pins	Rockwell Intl. Manned Flight Aware- ness Office Downey, CA
19	50 Embroidered Harris County Precinct 8 Patches	Harris County Precinct 8 Office Pasadena, TX
20	300 Assembly of Station by EVA Methods (ASEM) Decals	Space Station Projects Office NASA/JSC, Houston, TX
21	6 Liberty Bell-7 Embroidered Patches	Kansas Cosmosphere & Space Center, Hutchinson, KS
22	10 Fleet Surveillance Support Command Patches 29 Naval Space Command Patches	Naval Space Command Dahlgren, VA
23	150 Embroidered Orbiter Avionics Systems Patches	Orbiter & GFE Projects Office NASA Johnson Space Center
24	2 Sets of Small (4"x6") Flags of INTELSAT's 122 Member Countries 1 INTELSAT Flag (3'x5')	International Tele- communications Satellite Organiza- tion, Washington, DC
25	1 Package of Tree Seedlings	Interagency Tree Coordinating Committee, The White House, Washington, DC

26	25 Embroidered STS-49 Crew Patches	U. S. Air Force presentation items
27	25 8"x10" photographs of Zaragoza AFB HQ Staff	U.S. Air Force presentation items
28	1 Shuttle Charm	U.S. Air Force presentation item
29	4 General Star Insignia	U.S. Air Force presentation items
30	5 NASA Lapel Pins	U.S. Air Force presentation items
31	5 Drag Chute Commemorative Pins	U.S. Air Force presentation items
32	5 Civil Air Patrol Patches	U.S. Air Force presentation items
33	1 Set Major Insignia	U.S. Air Force presentation item
34	100 U.S. Flag Patches (3.5"x2.5")	U.S. Air Force presentation items
35	71 Cotton U.S. Flags (3"x5")	U.S. Air Force presentation items
36	24 Small Space Badges	U.S. Air Force presentation items
37	1 NASA Commemorative Medallion	U.S. Air Force presentation item
38	2 United States Flags (3'x5' - General Purpose)	U.S. Air Force presentation items
39	2 Colonel Eagle Insignia	U.S. Air Force presentation items
40	4 Lt. Colonel Insignia	U.S. Air Force presentation items
41	20 IUS Decals (2"x5")	U.S. Air Force presentation items

Items #42-121 are manifested at the request of the STS-49 crew members:

42	University of Wisconsin Pennant (3'x5')	Univ. of Wisconsin River Falls, WI
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43	Photograph of School	Watertown School District, Watertown, WI
44	Brehm Prep School Banner (3'x5')	Brehm Prep School Carbondale, IL
45	50th Anniversary Commemorative Tile	Medium Attack Tactical Electronic Warfare Wing, NAS Whidby Island, Oak Harbor, WA
46	Watch	Naval Air Museum Pensacola, FL
47	Pen	State of Wisconsin Madison, WI
48	Logan College Pennant (6"x15")	John H. Logan College, Carbondale, IL
49	Engraving of Capt. Cook	National Maritime Museum, London, UK
50	Picture Portfolio	Australian National Maritime Museum Sydney, Australia
51	Oceanographic School Shirt	Univ. of Rhode Island Oceanographic School Narragansett, RI
52	Small Stuffed Lion	Columbia University New York, NY
53	School Banner (3'x5')	St. Bernard High School, Playa del Rey, CA
54	Cadet Squadron 5 Pennant (12"x24")	USAF Cadet Squadron 5 USAF Academy, Colorado Springs, CO
55	City of Los Angeles Pin	City of Los Angeles Los Angeles, CA
56	Visitation Grammar School Pennant	Visitation Grammar School, Los Angeles, CA

57	American Legion Post 326 Hat	American Legion Post No. 326, Onion Creek, TX
58	67th Tactical Fighter Squadron Patch	67th Tactical Fighter Squadron, Kadena Air Base, Okinawa, Japan
59	Air Force Academy Class of '76 Leather Coaster	Air Force Academy Class of '76 USAF Academy Colorado Springs, CO
60	Drivers License	St. Bernadette's Church, Houston, TX
61	Randolph Elementary School Space Day Button	Randolph Elementary School, Livonia, MI
62	United States Coast Guard Flag (3'x5')	Boy Scout Troup 69 Houston, TX
63	Golden Eagles Patch	Early Pioneer Naval Aviators Association Pensacola, FL
64	USCG Air Station Cape Cod Patch	United States Coast Guard Air Station Cape Cod, MA
65	USCG Air Station Sitka Patch	United States Coast Guard Air Station Sitka, AE
66	USCG Air Station Traverse City Patch	United States Coast Guard, Traverse City, MI
67	Trunnel Pin	The Endeavour Trust Fremantle, Australia
68	Relay Baton	City of Gisborne Gisborne, New
69	Endeavor Sternpost	Johnson Space Center Houston, TX
70	Endeavor Flag (3'x5')	KSC Endeavor Processing Team Kennedy Space Center, FL
71	Eminence High School Picture (5"x7")	Eminence High School Eminence, MO

72	Eminence Grade School Picture (5"x7")	Eminence Grade School Eminence, MO
73	Cross Country Trail Ride Patch	Cross Country Trail Ride, Eminence, MO
74	National Park Service Patch	National Park Service Van Buren, MO
75	3247 Test Squadron Patch	33247 Test Squadron Eglin AFB, FL
76	3246 Test Wing Patch	3246 Test Wing Eglin AFB, FL
77	City of El Lago Flag Flag (8"x9")	City of El Lago, TX
78	University of Missouri- Rolla Pennant (6"x12")	University of Missouri-Rolla Rolla, MO
79	USAF Test Pilot School Patch	USAF Test Pilot School, Edwards AFB, CA
80	Crew and Thermal Patch	EVA Branch, NASA/JSC Houston, TX
81	Auburn University Photograph (8"x10")	Auburn University Auburn, AL
82	Sidney Lanier High School Photograph (8"x10")	Sidney Lanier High School, Montgomery, AL
83	Felt Banner (3'x5')	Our Lady Queen of Mercy School, Montgomery, AL
84	St. Bedes School Decal	St. Bedes School Montgomery, AL
85	Pintlala Elementary School Photograph (8"x10")	Pintlala Elementary School, Hope Hull, AL
86	State of Alabama Pin	State of Alabama Montgomery, AL

87	Virginia State Association of Occupational Health Nurses Pin	Virginia State Association of Occupational Health Nurses, Charlottesville, VA
88	STS-49 Pin	University of Virginia, Physics Department, Charlottesville, VA
89	Eagle Scout Badge	Charlottesville Boy Scout Christmas Tree Association Charlottesville, VA
90	USNA Class of 1977 Class Crest	United States Naval Academy Class of 1977 Annapolis, MD
91	Virginia State Flag (3"x6")	State of Virginia Richmond, VA
92	Naval Air Systems Command Patch	Naval Air Systems Command, Washington, DC
93	City of New Bedford Bronze City Seal	City of New Bedford New Bedford, MA
94	Fight Squadron 74 Patch	Fighter Squadron 74 Oceana Naval Air Station, Virginia Beach, VA
95	Naval Air Warfare Center Patch (4"triangle)	Naval Air Warfare Center, Norfolk, VA
96	Military Order of World Wars Flag (17"x12")	Military Order of World Wars, New Bedford, MA
97	Reef Points 1973-1974 Pamphlet	U.S. Naval Academy Museum, Annapolis, MD
98	Aerospace Engineering Officer Patch	United States Navy Washington, DC
99	Boeing Aerospace Patch	Boeing Aerospace Operations, Houston, TX
100	Small Package of Ponderosa Pine Tree Seeds	City of Boise, ID

101	Cloth Patch of Nampa City, ID	City of Nampa, ID
102	Buffalo Lapel Pin	City of Jamestown, ND
103	Blue Shirt with Jamestown High School Logo	Jamestown High School Jamestown, ND
104	Copy of The Bill of Rights	Jamestown Junior High School, Jamestown, ND
105	Rick Hieb Young Astronaut Club Photograph	Rick Hieb Young Astronaut Club, Jamestown, ND
106	White Sweatshirt with Signatures	Lincoln Elementary School, Jamestown, ND
107	Watercolor Painting (11"x16")	Northwest Nazarene College, Nampa, ID
108	White Shirt with Armand Bayou School Logo	Armand Bayou Elementary School Houston, TX
109	STS-49 Embroidered Patch	Nazarene Church Jamestown, ND
110	USN Astronaut Wings	Agency presentation item
111	Gold Astronaut Pin	Agency presentation item
112	USCG Astronaut Wings	Agency presentation item
113	Silver Astronaut Pin	Agency presentation item
114	USAF Astronaut Wings	Agency presentation item
115	Silver Astronaut Pin	Agency presentation item
116	Silver Astronaut Pin	Agency presentation item
117	USN Astronaut Wings	Agency presentation item
118	Silver Astronaut Pin	Agency presentation item

119	Silver Astronaut Pin	Agency presentation item
120	Gold Astronaut Pin	Agency presentation item
121	USAF Astronaut Wings	Agency presentation item
122	NASA Administrator's Flag	Agency presentation item
123	One Navy Medal Set	Agency presentation item