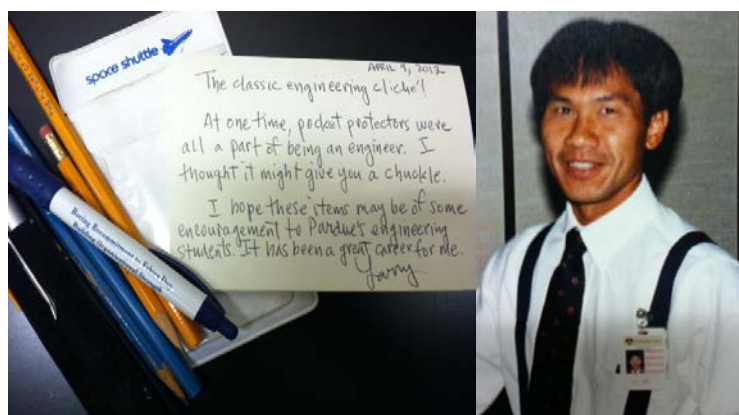


PURDUE

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FINDING AID TO THE LARRY GEE PAPERS AND SPACE MEMORABILIA, 1988-2011

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Descriptive Summary

Creator Information	Gee, Larry, 1951-
Title	Larry Gee papers and space memorabilia
Collection Identifier	MSA 276
Date Span	1988-2011, predominant 1988-2005
Abstract	Memorabilia and artifacts such as commemorative space flight flags, shuttle patches, commemorative pins, Columbia commemorative coin, DVDs, astronaut space shuttle crew photographs and various documents from Larry Gee's 22 year career as an engineer in the aerospace industry. Gee was involved in work with Space Shuttle main engines, Atlas engines, Delta engines, the International Space Station, THAAD (Terminal High Altitude Area Defense) and other space programs.
Extent	2 cubic feet
Finding Aid Author	Mary A. Sego
Languages	English
Repository	Virginia Kelly Karnes Archives and Special Collections Research Center, Purdue University Libraries

Administrative Information

Location Information:	ASC
Access Restrictions:	Collection is open for research.
Acquisition Information:	Donated by Larry Gee to Purdue University School of Mechanical Engineering, April 13, 2012.
Custodial History:	Transferred to Karnes Archives and Special Collections, Purdue University Libraries by Laura M. Edwards, Senior Director of Development, Purdue University School of Mechanical Engineering on April 17, 2012.
Accession Number:	20120417

Preferred Citation: MSA 276, Larry Gee papers and space memorabilia, Karnes Archives and Special Collections, Purdue University Libraries

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Subjects and Genres

Persons

Gee, Larry, 1951-

Organizations

Boeing Aerospace Company

NASA

Rockwell International. Aerospace Operations

Rocketdyne

Topics

Boeing Aerospace Company

Boeing Aerospace Company. Space Station Program

Rockwell International. Aerospace Operations

Space Shuttle Program (U.S.)

Space shuttles--Propulsion systems

Space programs

Flight Archives at Purdue University

Purdue University--Alumni and alumnae

Form and Genre Types

Artifacts

Awards

Certificates

Commemorative coins

Commemorative pins

Data sheet

DVD

Electronic resources

Lanyards

Memorabilia

Newsletters

Patch

Photographs

Posters

Occupations

Aerospace engineers

Biography of Larry Gee

Born April 18, 1951, in Klamath Falls, Oregon, Larry is the third of seven children (four sons and three daughters) of Jeannie Sun Chan and Tommy Won Gee. His mother and father were both born in Toishan, Southern China, emigrated from China to America and became naturalized citizens of the United States. Larry and his six siblings were all born in the United States. All seven Gee children are graduates of Purdue University. Larry completed both a B.S. Mechanical Engineering 1975 and M.S. Engineering 1984 at Purdue; in addition, he completed an M.B.A. 1989 from California Lutheran University.

Larry lived in Logansport, Indiana, from the ages of four through eighteen where he graduated from Logansport High School in 1969. Upon his graduation from Purdue University, his first job as an engineer was that of a Maintenance Engineer/Power Engineer with PPG in New Martinsville, West Virginia. Larry went on to hold engineering positions with Delco Electronics/GM, Kokomo, Indiana, as a Machine Design Engineer; Detroit Diesel Allison Transmission, Indianapolis, Indiana, as a Production Engineer and Biosound, Inc., Indianapolis, Indiana, as a Senior Manufacturing Engineer.

In 1985 Larry was contacted by a California firm, Cilco, Inc., due to his work in the ultrasonic imaging field. This led to his engineering career in California as he accepted a position as a Project Engineer with Cilco, Inc., Pomona, California. He later worked as a Manufacturing Engineer with Viking Connectors, Chatsworth, California, and Senior Manufacturing Engineer with DDC Pertec, Chatsworth, California. Larry joined Rocketdyne (Rockwell International, later Boeing Corporation then United Technologies Corporation), Canoga Park, California, in 1988 as a Senior Quality Engineer where he began working in the aerospace industry. It was here that he participated in programs such as the Space Shuttle Main Engine Turbopumps, International Space Station, Atlas and Delta rocket engines, RS-68 and J-2X pre-production rockets, as well as THAAD (anti-missile program). He later worked at Boeing Corporation in Long Beach, California, on the C-17 Globemaster III ("Jumbo Jet"). Larry participated in more than 100 successful rocket launches, including over 50 Space Shuttle launches, during his career but is particularly fond of the Space Shuttle Endeavour. He initially toured the Palmdale facility in 1991 where the Endeavour was being built. In 2012 Larry watched the Endeavour, now retired from the fleet, being flown into Los Angeles on top of a specially fitted Boeing 747, and again followed its final historic journey through the streets of Los Angeles to the California Science Center where it is now on exhibit. Larry retired in 2006 from United Technologies Corporation and in 2007 from Boeing Corporation.

Larry and his wife Susan B. Sutphin live in Simi Valley, California, a community northwest of Los Angeles. They are avid travelers and have visited all seven continents.

Sources:

As told by Larry Gee, March 20, 2013.

Collection Description

Scope

The Larry Gee papers and space memorabilia (1988-2011; 2 cubic feet) document Larry Gee's 22 year career as an engineer in the aerospace industry. Memorabilia and artifacts include commemorative space flight flags, Space Shuttle Mission patches, commemorative pins, Apollo 11 anniversary memorabilia, Columbia commemorative coin, DVDs, astronaut space shuttle crew photographs, data sheets, awards, certificates, newsletters and various documents from Gee's work with Space Shuttle main engines, Atlas engines, Delta engines, the International Space Station, THAAD (Terminal High Altitude Area Defense) and other space programs. Most of the adhesive patches include a description of the insignia on the back. The patches have been housed in their own small, labeled box to aid researchers. This box can be found in box 1. There is one series in this collection. Most of the artifacts have been grouped by type and placed in chronological order or STS number when possible. The artifacts and papers are organized into two cubic feet boxes.

Descriptive Rules

Describing Archives: A Content Standard

Processing Information

All materials have been housed in polyester sleeves, acid-free folders, and acid-free boxes. The Space Shuttle patches have been housed in their own acid free box within box 1.

DETAILED DESCRIPTION OF THE COLLECTION

Box 1 *Adhesive and Cloth Space Shuttle Flight Crew Patches and Photographs, Commemorative Pins and Coins, and Apollo 11 and Columbia Anniversary Memorabilia, 1988-2011*

Item

1. Discovery Space Shuttle Flight Crew Patch, STS-26, 1988
2. Atlantis Space Shuttle Flight Crew Patch, STS-27, 1988
3. Columbia Space Shuttle Flight Crew Patch, STS-28, 1989
4. Discovery Space Shuttle Flight Crew Patch, STS-29, 1989
5. Atlantis Space Shuttle Flight Crew Patch, STS-30, 1989
6. Discovery Space Shuttle Flight Crew Patch, STS-31, 1990
7. Columbia Space Shuttle Flight Crew Patch, STS-32, 1990
8. Discovery Space Shuttle Flight Crew Patch, STS-33, 1989
9. Atlantis Space Shuttle Flight Crew Patch, STS-34, 1989
10. Columbia Space Shuttle Flight Crew Patch, STS-35, 1990
11. Atlantis Space Shuttle Flight Crew Patch, STS-36, 1990
12. Atlantis Space Shuttle Flight Crew Patch, STS-37, 1991
13. Atlantis Space Shuttle Flight Crew Patch, STS-38, 1990
14. Discovery Space Shuttle Flight Crew Patch, STS-39, 1991
15. Columbia Space Shuttle Flight Crew Patch, STS-40, 1991
16. Discovery Space Shuttle Flight Crew Patch, STS-41, 1990
17. Atlantis Space Shuttle Flight Crew Patch, STS-43, 1991
18. Atlantis Space Shuttle Flight Crew Patch, STS-44, 1991
19. Atlantis Space Shuttle Flight Crew Patch, STS-45, 1992
20. Atlantis Space Shuttle Flight Crew Patch, STS-46, 1992
21. Endeavour Space Shuttle Flight Crew Patch, STS-47, 1992
22. Discovery Space Shuttle Flight Crew Patch, STS-48, 1991
23. Endeavour Space Shuttle Flight Crew Patch, STS-49, 1992
24. Columbia Space Shuttle Flight Crew Patch, STS-50, 1992
25. Discovery Space Shuttle Flight Crew Patch, STS-51, 1993
26. Columbia Space Shuttle Flight Crew Patch, STS-52, 1992
27. Discovery Space Shuttle Flight Crew Patch, STS-53, 1992
28. Endeavour Space Shuttle Flight Crew Patch, STS-54, 1993
29. Columbia Space Shuttle Flight Crew Patch, STS-55, 1993
30. Discovery Space Shuttle Flight Crew Patch, STS-56, 1993
31. Endeavour Space Shuttle Flight Crew Patch, STS-57, 1993
32. Columbia Space Shuttle Flight Crew Patch, STS-58, 1993
33. Endeavour Space Shuttle Flight Crew Patch, STS-59, 1994
34. Discovery Space Shuttle Flight Crew Patch, STS-60, 1994
35. Endeavour Space Shuttle Flight Crew Patch, STS-61, 1993
36. Columbia Space Shuttle Flight Crew Patch, STS-62, 1994
37. Discovery Space Shuttle Flight Crew Patch, STS-64, 1994
38. Columbia Space Shuttle Flight Crew Patch, STS-65, 1994

39. Endeavour Space Shuttle Flight Crew Patch, STS-68, 1994
40. Atlantis Space Shuttle Flight Crew Patch, STS-79, 1996
41. Columbia Space Shuttle Flight Crew Patch, STS-80, 1996 [2]
42. Discovery Space Shuttle Flight Crew Patch, STS-85, 1997
43. Atlantis Space Shuttle Flight Crew Patch, STS-86, 1997
44. Discovery Space Shuttle Flight Crew Patch (100th Mission of the Space Shuttle), STS-92, 2000
45. Endeavour Space Shuttle Flight Crew Patch, STS-100/6A, 2001
46. Discovery Space Shuttle Flight Crew Patch, STS-102, 2001
47. Columbia Space Shuttle Flight Crew Patch, STS-107, 2003
48. Discovery Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-82, 1997
49. Columbia Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-83, 1997
50. Atlantis Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-84, 1997
51. Columbia Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-87, 1997
52. Endeavour Photocopied Flight Crew Photograph, Mission Information, Space Shuttle Patch and Pin, STS-88, 1998
53. Endeavour Photocopied Flight Crew Photograph, Mission Information, Space Shuttle Patch and Shuttle Main Engine Team Member Patch, STS-89, 1998
54. Columbia Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-90, 1998
55. Columbia Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-93, 1999
56. Discovery Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patches, STS-95, 1998 and Friendship 7/Mercury 6, 1962
57. Discovery Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-96, 1999
58. Endeavour Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-97, 2000
59. Endeavour Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-99, 2000
60. Atlantis Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-101, 2000
61. Discovery Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-103, 1999
62. Atlantis Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-106, 2000
63. Discovery Photocopied Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-114, 2005
64. Discovery Flight Crew Photograph, Mission Information and Space Shuttle Patch, STS-121, 2006
65. Expedition Crew Photocopied Photograph, Mission Overview and International Space Station Patch, 2003

66. Expedition Crew Photocopied Photograph, Mission Overview and International Space Station Patch, Expedition 8, 2003
67. Expedition Crew Photocopied Photograph, Mission Overview and International Space Station Patch, Expedition 9, 2004
68. Expedition Crew Photocopied Photograph, Mission Overview and International Space Station Patch, Expedition 10, 2004
69. Expedition Crew Photocopied Photograph, Mission Overview and International Space Station Patch, Expedition 11, 2005
70. Expedition Crew Photocopied Photograph, Mission Overview and International Space Station Patch, Expedition 12, 2005
71. Expedition Flight Crew Patch, Expedition 13, 2006
72. Expedition Crew Photograph, Mission Overview and International Space Station Patch, Expedition 15 and STS-118, 2007
73. Expedition Crew Photograph, Mission Overview and International Space Station Patch, Expedition 16 and STS-120, 2007
74. Adhesive paper patch: "100 Missions Human Space Flight 1961-1995"
75. Adhesive paper patch: Columbia 10th Anniversary, 1991
76. International Space Station/Mir, 2 Information Sheets, Commemorative Coin, 2 Patches, 1997
77. NASA Space Shuttle Program Patch (represents entire program), undated
78. Cloth Patch: "We Made History, America's Shuttle Team, 1981-2011"
79. Cloth Patch and Button: "America's Pride, The Journey Continues," undated
80. Cloth Patch: "The Boeing Company Since 1916," undated
81. Cloth Patch: "Space Shuttle Flight Crew Patch, STS-54," 1993
82. Apollo 11, 20th Anniversary Data Sheet and Patch, 1989
83. Apollo 11, 25th Anniversary Patch, Pin and Rockwell postcard, 1994
84. Apollo 11, 30th Anniversary Pin, Card and Rocketdyne, *Skywriter* issue, 1999
85. Apollo 11, 35th Anniversary Pin and Information Card and Boeing, Rocketdyne information sheet, 2004
86. Pin and Information Sheet, STS-1, 10th Anniversary of 1st Launch, 1991
87. Pin and Information Sheet, Delta Engines 100th Successful Launch, 1991
88. Columbia Flight Pin for Launch, 2003
89. Return to Flight Mission Photograph (photocopied), Pin and Patch, 2005
90. Return to Flight (Post-Columbia Disaster) Data Sheet and Ribbon, 2005
91. Commemorative Pin: Apollo 11, 1969-1989
92. Commemorative Pin: Columbia 10th Anniversary, 1981-1991
93. Commemorative Pin: STS-102, 2001
94. Commemorative Pin: STS-110, 2002
95. Commemorative Pin: Boeing/Siemens, USA Airports, 12-31-2002
96. Commemorative Pin: ISS, USA/Russia, Dunbar, Harbaugh, Baker, etc., undated
97. Commemorative Pin: Endeavour First Flight, 1992
98. Commemorative Pin and Information Card: Boeing Celebrates 100 Space Shuttle Flights, undated
99. Commemorative Pin: Space Shuttle Main Engine (SSME) 100+ Missions, undated

100. Commemorative Pin: Jet Propulsion Laboratory, JPL Pin, undated
101. Commemorative Pin: International Space Station and Space Shuttle, undated
102. Commemorative Pin: NASA Team Excellence, undated
103. Commemorative Pin: Voyager 7 Grand Tour, undated
104. Commemorative Pin and Information Sheet: Boeing – “Creating the Future Together,” undated
105. Commemorative Pin and Information Sheet: Boeing – International Space Station 2nd Phase/Russian Zvezda, 2000
106. Commemorative Coin and Information Sheet: International Space Station, undated
107. Commemorative Pin and Information Sheet : Heroes of Columbia, undated
108. Commemorative Pin and Information Sheet: Boeing Tournament of Roses Parade, 2000
109. Commemorative Pin: Boeing Tournament of Roses Parade, 2004
110. Commemorative Coin: Heroes of Columbia, undated
111. Commemorative Coin, Information Sheet, Stand and Pouch: Delta IV First Launch, undated
112. Key Chain: Rocketdyne 20th Anniversary of Space Shuttle Program, 1981-2001
113. Commemorative Coaster, Space Shuttle Main Engine (SSME), STS-117, 2007
114. Rocketdyne 40th Anniversary Paperweight, undated

Box 2 *Commemorative Paperweight, Mugs, Lanyards, T-shirt, Watches, DVDs, Awards, Astronaut Shuttle Crew Photographs, Newsletters, Information and Data Sheets and Miscellaneous Material, 1988-2007*

Item

115. Commemorative Paperweight and Information Sheet, Atlas Rocket, 576 Launches, 1957-2004
116. Lanyard: Boeing, undated
117. Lanyard: Boeing, IDS BCA, “Working Together,” undated
118. Commemorative Watch: Space Shuttle Main Engine with date, undated
119. Commemorative Watch: Boeing International Space Station, undated
120. T-shirt, Boeing Tournament of Roses Parade, 2004
121. Coffee Mug: Rocketdyne Black and Gold 23k with coaster, undated
122. Coffee Mug: Pratt and Whitney Rocketdyne SSME, blue mug, undated
123. Coffee Mug: Government Industry Data Exchange Program (GIDEP), black mug, undated
124. Coffee Mug: Boeing Black Plastic Mug, undated
125. DVD: “Space Shuttle the First 100 Flights,” 2000 [electronic resource]
126. DVD: Space Shuttle Main Engine (SSME) 1 Million Seconds,” January 21, 2004 [electronic resource]
127. DVD: Pratt and Whitney 80th Anniversary with Information sheet, undated [electronic resource]

128. DVD: Boeing, "Supplier Quality, Journey to Excellence," undated [electronic resource]
129. Space Shuttle Main Engine (SSME) Recognition Award Turbomachinery Best Product Team, 1996 and The Lyndon B. Johnson Space Center, Group Achievement Award – Integrated Electrical Assembly Thermal Balance Test Team, 1997
130. Space Flight Awareness Team Award and Commemorative Flight Flag, flown on Space Shuttle Endeavour, 1997
131. Certificate of Appreciation, "Los Angeles World Airports," 2002
132. Certificate of Participation, "2002 Homeland Security Airport EDS/ETD Program Implementation," with Cloth Patch, 2002
133. Certificate of Achievement, "Attitude Control Propulsion Systems," Outstanding Support to the DACS Running Sell Reviews on the Terminal High Altitude Area Defense (THAAD) Program, December, 2004
134. NASA Group Achievement Award, Station-Shuttle Power Transfer System Team, 2007
135. NASA Group Achievement Award, Station-Shuttle Power Transfer System Team, 2007
136. Photograph, Astronaut Crew, STS-37, 1991
137. Photograph, Astronaut Crew, STS-38, 1990
138. Photograph, Astronaut Crew, STS-39, 1991
139. Photograph, Astronaut Crew, STS-40, 1991
140. Photograph, Astronaut Crew, STS-41, 1990
141. Photograph, Astronaut Crew, STS-43, 1991
142. Photograph, Astronaut Crew, STS-44, 1991
143. Photograph, Astronaut Crew, STS-45, 1992
144. Photograph, Astronaut Crew, STS-47, 1992
145. Photograph, Astronaut Crew, STS-48, 1991
146. Photograph, Astronaut Crew, STS-49, 1992
147. Photograph, Astronaut Crew, STS-50, 1992
148. Photograph, with Profile and Information Sheet, Astronaut Crew, STS-51, 1993
149. Photograph, Astronaut Crew, STS-53, 1992
150. Photograph on Postcard, Astronaut Crew, STS-58, 1993
151. Autographed Photograph, Astronaut Carl Meade, circa 1990
152. Photograph and Biographical Data Sheet, Astronaut Jim Voss, 1990
153. Photograph and Biographical Data Sheet, Astronaut Pierre J. Thout, 1992
154. Photograph and Biographical Data Sheet, Astronaut Kevin P. Chilton, 1992
155. Autographed Photograph, Astronaut Steven L. Smith and 2nd photograph of Larry Gee with Astronaut Smith, circa 1992
156. Photograph and Biographical Data Sheet, Astronaut David C. Leestma and 2nd photograph of Larry Gee with Astronaut Leestma, 1991
157. Autographed Photograph, Astronaut Robert "Hoot" L. Gibson, undated
158. "Teacher Materials, Rocketdyne," Aerospace Product Information, circa 1988
159. Data Package, "STS-26, America's Pride: The Journey Continues," circa 1988

160. Rocketdyne Division Letter, "Successful Launch of Discovery, STS-26," 1988
161. Rocketdyne Division Letter, "Successful Flight of Atlantis, STS-36," 1990
162. Packet of Information and Photograph, "Safe Return to Flight," Crew STS-26, 1988
163. *Rockwell News*, "The Journey Continues...", October 7, 1988
164. *Rockwell News*, "Twenty Years Ago...", July 14, 1989
165. Flight Data Sheet, "STS-30 Discovery OV-104," April 1989
166. Space Shuttle Main Engine Information Sheets, Boeing and Rockwell, circa 1990
167. *Rockwell News*, "Happy Anniversary, Space Shuttle!" April 12, 1991
168. *Threshold: an engineering journal of power technology*, Summer 1991
169. Photograph, "President Clinton visits Rockwell," December 4, 1993
170. *Popular Science*, Special Issue, "John Glenn: A Hero Returns to Space," May 1998
171. Commemorative Flight Flag, flown on Shuttle-Mir Program, 1998
172. Photograph, Pin and Information Sheet, "Boeing Celebrates 100 Space Shuttle Flights," 2000
173. Commemorative Pamphlet, International Space Station, Expedition 1 Crew, 2000
174. Poster, Information Sheet, Brochure and Button, Delta IV, RS-68 Engine, 2001
175. Boeing, Catalog Cards featuring products, undated
176. NASA Booklet, "The Best We Can Be," undated
177. Rockwell Postcard, "Greetings from Space," (photograph on front features one taken during Apollo 17 Mission), undated
178. Information Sheet, "The Stories Behind the Shuttle Names," undated
179. Packet of Rockwell and Boeing pens and pencils and plastic Space Shuttle pocket protector, along with a note card with note to "Purdue Engineering students" from Larry Gee, undated