
The Descriptive Finding Guide for the Glover Edwin Ruckstell Personal Papers SDASM.SC.10120

Jenna L. Shaeffer

San Diego Air and Space Museum Library and Archives

2014

2001 Pan American Plaza, Balboa Park

San Diego 92101

URL: <http://www.sandiegoairandspace.org/>

Language of Material: English

Contributing Institution: San Diego Air and Space Museum Library and Archives

Title: Glover Edwin Ruckstell Personal Papers

creator: Ruckstell, Glover Edwin

Identifier/Call Number: SDASM.SC.10120

Physical Description: 0.45 Cubic Feetone archive box, 15x5x10.5 in,

Date (inclusive): 1891-1963

Abstract: This collection contains the personal papers of G.E. Ruckstell. He was involved in early design and manufacturing of both automobiles and airplanes.

Language of Material: English

Related Materials

Related SDASM Resources: LB 055 Glover E. Ruckstell, logbooks May 1928- October 1941 (3 books)

Immediate Source of Acquisition

The materials in this Collection were donated to the San Diego Air and Space Museum.

Biographical / Historical

A mechanical and aeronautical engineer, not really remembered as a driver, Glover was more behind the scenes, firstly as Mercer team manager, and then found fame by developing the two speed rear axle which would be adopted by Ford's Model T trucks. While he had been involved in automobile racing, aviation was his main interest. He became head of the Hall Scott Airplane department, before setting up his own manufacturing company, being closely intertwined with Ford. A licensed pilot and engine mechanic, he founded the company, Grand Canyon-Boulder Dam Tours, which was the first enterprise to provide comprehensive tourist services.

His background in automobile and machine shops earned him a World War I commission in the United States of America Aeroservice Aircraft Production Department.

Conditions Governing Access

This collection is open to the public by appointment.

Conditions Governing Use

For copyright and use restrictions please consult the library director.

Scope and Contents

This collection is contained in one archive box, 15x5x10.5 in, and it has 10 folders. The first portion of the items in this collection are correspondence Ruckstell obtained during World War I, from February to August 1918. It should be noted that Ruckstell was also known by "Roxy" and any mention of such in the collection refers to Ruckstell himself. The collection also contains general correspondence, references and applications for Ruckstell to join the United States Navy Reserve, and identification cards and certificates. Additionally there are documents from the beginnings of Ruckstell Corporation and advertisements for the Ruckstell Axle. Also, there are letters and applications to join the Who's Who Society, as well as legal documents from the Aerojet-Hayward-Ruckstell Negotiations, two log books, and other miscellaneous documents. Papers which were stapled together have remained in their original order and have been organized by the date on the first page. Those pages, since they were stapled as one unit, are listed under the same number in the box listing and individual documents within that unit are separated from one another with a semi colon.

Preferred Citation

[Item], [Filing Unit], [Series Title], [Subgroups], [Record Group Title and Number], [Repository "San Diego Air & Space Museum Library & Archives"]

Subjects and Indexing Terms

Curtiss-Wright Aircraft

Liberty L-12 Engine

Dayton-Wright Airplane Company

Hall-Scott Motor Car Company

De Havilland Aircraft Company Limited

Grand Canyon (Ariz.) -- Tours

Hall, E.J. (Hall, Elbert John)

Grand Canyon Airlines

Box 01

Folder 01 - February-May 1918, Correspondence

Physical Description: 1. Travel orders, James G. Heaslet to G.E. Ruckstell, February 28. 2. Equipment instructions, Major E.J. Hall to G.E. Ruckstell, March 4. 3. Work to be done, Major E.J. Hall to Ruckstell, March 4. 4. Tool list, Major E.J. Hall to G.E. Ruckstell, March 11; and Voucher, E.J. Hall to Captain Wm. K. Moore, March 4. 5. Tool list, Major E.J. Hall to G.E. Ruckstell, March 11. 6. Commission for G.E. Ruckstell, E.J. Hall to Lieut. H.H. Emmons, March 14. 7. Expense voucher, E.J. Hall to Quartermaster Wilbur Wright Field, March 17. 8. Invoice, E.L. Graham to Major E.J. Hall, March 25. 9. Orders, Major E.J. Hall to G.E. Ruckstell, March 26. 10. Public voucher, E.J. Hall to Quartermaster Wilbur Wright Field, March 28; and Travel orders, B.D. Gray to G.E. Ruckstell, March 21. 11. Voucher, E.J. Hall to Quartermaster Wilbur Wright Field, March 20; Travel orders, B.D. Gray to G.E. Ruckstell, March 16 (with copy). 12. Salary increases, E.J. Hall to Lieut. H.H. Emmons, March 21; and Salary increases, H.H. Emmons to Major E.J. Hall, March 7. 13. Salary increase, Major Signal Corp to Major E.J. Hall, April 4 (with copy); and Commission recommendation, Major Signal Corp to Major E.J. Hall, April 4 (with copy). 14. Salary increase, to Major E.J. Hall, April 5. 15. Salary increase, E.J. Hall to Lieut. H.H. Emmons, April 8; and Salary increase telegram to Major E.J. Hall, April 5; and Salary increase, H.H. Emmons to Major E.J. Hall, March 23. 16. Test orders, Major E.J. Hall to G.E. Ruckstell, April 9; and Dayton-Wright Airplane Company pictures, E.J. Hall to Lieut. G.S. Stevens, April 10; Dayton-Wright Airplane Company pictures, Lieut. G.S. Stevens, to Mr. Ruckstell, April 6. 17. Transportation requests, E.J. Hall to Disbursing Officer, April 11; and Travel voucher, E.J. Hall to Quartermaster Wilbur Wright Field, March 20; and Transportation requests, Quartermaster Wilbur Wright Field to E.J. Hall, April 9 (with copy). 18. Bill, R.S. Satterlee to G.E. Ruckstell, April 15. 19. Salary delay telegram, Major E.J. Hall to Lieut. Porter, April 17; and Ruckstell promotion, Ernest J. Wessen to Production Engineering Department, April 13; and Ruckstell promotion, Ernest J. Wessen to District Manager of Inspection, March 30 (2 copies); and Oath of Section 1757 of the Revised Statutes of the United States. 20. DeH 4 Machine Tests, E.J. Hall to G.E. Ruckstell, April 19. 21. Ruckstell promotion, Major E.J. Hall to Lieut. Colonel L.S. Horner, April 20; and Ruckstell citizenship Major E.J. Hall to Lieut. Neil Carothers, April 25. 22. Salary increase telegram to G.E. Ruckstell, April 24 (with copy). 23. Expense money, E.J. Hall to Mr. F.R. Bunnell, April 24. 24. Expenses incurred, R.S. Satterlee to G.E. Ruckstell, April 25. 25. Western Union Telegram, O.W. Davie to G.E. Ruckstell, May 10. 26. G.E. Ruckstell handwritten note; and Travel orders, L.D. Guyer to G.E. Ruckstell, May 15; and Voucher, R.S. Satterlee to W.B. Klemens, May 18; and Travel orders, L.D. Guyer to G.E. Ruckstell, May 25 (2 copies); and Ruckstell promotion, Ernest J. Wessen to G.E. Ruckstell, April 13. 27. Check, L.S. Connelly to Lt. Col. E.J. Hall, May 20 and E.J. Hall to Lieut. L.S. Connelly, May 28. 28. DeHaviland Four Plane, E.J. Hall to G.E. Ruckstell, May 27. 29. Glover E. Ruckstell Local Board Division No. 13 card; and Ruckstell travel telegram from E.J. Hall, May 27; and Western Union Telegram from Major E.J. Hall, May 24 (with copy); and Application for commission, Carroll Dunham to Mr. G.E. Ruckstell, May 22 (with copy); and Telegram to Lt. Col Elbert J Hall, May 21 (with copy); and Commission papers, E.J. Hall to Lynn Reynolds, May 14; and Ruckstell citizenship, E.J. Hall to Lieut. Bennett, May 23; and Certificate of Discharge from Military Service, from L.S. Connelly, August 10, 1917. 30. Ruckstell examination, Lt. Col. L.S. Horner to Lt. Col. E.J. Hall, May 28. 31. Ruckstell report to Washington, from Hall, May 28. 32. Colonel Horner report to Washington, from G.E. Ruckstell, May 29. 33. Standard Aircraft Production, E.J. Hall to Mr. M.W. Kellogg, May 30; and Standard Aircraft Corporation Transactions, by G.E. Ruckstell, May 17 (with copy). 34. Ruckstell majority, M.W. Kellogg to Lt. Col. E.J. Hall, May 31 (with copy).

Folder 02 - June-August 1918, Correspondence

Physical Description: 1. Schedule of Travel Performed, by G.E. Ruckstell, June 3. 2. Telegram, Satterlee to Harold I Crow, June 3. 3. Commission for Mr. Ruckstell, L.S. Horner to Lieut-Colonel E.J. Hall, June 3. 4. DeHaviland Airplane letter, Jasper Whiting to Mr. Glover E. Ruckstell, June 4. 5. Travel Orders #24, Louis E. Baner to G.E. Ruckstell, June 5. 6. Checks for travel, R.S. Satterlee to G.E. Ruckstell, June 6. 7. Travel-G.E. Ruckstell, E.J. Hall to Quartermaster, June 7, and Letter from Granger Farwell, June 13; and Letter from Granger Farwell, June 13; and Expense vouchers, E.J. Hall to G.E. Ruckstell, March 8; and Travel Orders, James G. Heaslet to G.E. Ruckstell, February 6; and Travel Orders, James G. Heaslet to G.E. Ruckstell, February 19; and Travel Orders, E.J. Hall to G.E. Ruckstell, April 11; and Traveling expenses, C.E. Gray to the Officer in Charge, April 3; and Certificate to Travel, by G.E. Ruckstell, April 11. 8. Western Union Telegram, G.E. Ruckstell to Col E.J. Hall, June 8; and Telegram, Hall to G.E. Ruckstell, June 8; and Telegram, Hall to G.E. Ruckstell, June 7; and Western Union Telegram to Aircraft Engrg Dept, June 6; and Western Union Telegram, Aircraft Production Sixty Two to Aircraft Engineering Department, June 6. 9. Telegram, G.E. Ruckstell to L.D. Croninger, June 11; and Telegram, Satterlee to G.E. Ruckstell, June 11; and Western Union Telegram, Corninger to Hall, June 11. 10. Telegram, M.W. Kellogg to Lt. Col. E.J. Hall, June 11. 11. Telegram, G.E. Ruckstell to Lt. Col. E.J. Hall, June 11. 12. Telegram, G.E. Ruckstell to Mr. Newton, June 12. 13. Telegram, Satterlee to G.E. Ruckstell, June 13.; and Memorandum, G.E. Ruckstell to Mr. Satterlee, June 11 (2 copies). 14. Specifications-G.E. Ruckstell, L. Victor Froment to E.J. hall, June 14 (2 copies); and Telegram, Hall to Froment, June 13; and Western Union Telegram, G.E. Ruckstell to Mr. Satterlee, June 13. 15. Travel Orders, M.M. Griggs to Mr. G.E. Ruckstell, June 15. 16. Western Union Telegram, Aircraft Production Twenty Three to Lt. Col. E.J. Hall, June 15. 17. DeHaviland suggestions, E.J. Hall to G.E. Ruckstell, June 17. 18. Parts List, C.M. Wood to Lieut-Col. E.J. Hall, June 17 (2 copies); and Telegram, Hall to C.M. Wood, June 14; and Western Union Telegram, C.M. Wood to Lieut. Col. E.J. Hall, June 14; and Telegram, G.E. Ruckstell to Mr. Satterlee, June 13. 19. 8-45 Propellers, J. Neil Patterson to Bureau, Aircraft Production, June 18 (2 copies). 20. Travel Orders, George O. Squier to G.E. Ruckstell, June 22. 21. Travel Orders, George O. Squier to G.E. Ruckstell, June 25. 22. Travel Orders, L.D. Guyer to Mr. G.E. Ruckstell, July 1. 23. Schedule of Travel Performed, by G.E. Ruckstell, July 1. 24. Travel Orders, Satterlee to Lt. E.A. Cawcutt, July 8. 25. Travel Orders, John Q. Lockman to G.E. Ruckstell, July 12. 26. Schedule of Travel Performed, by G.E. Ruckstell, July 12. 27. Paychecks, Patricia Satterlee to Mr. G.E. Ruckstell, July 15. 28. Travel Orders, John Q. Lockman to G.E. Ruckstell, July 19. 29. Schedule of Travel Performed, by G.E. Ruckstell, July 19. 30. Special Orders, by Peyton C. March, July 25; and Telegram, G.E. Ruckstell to A.A. Landon; and Western Union Telegram, McCain the Adjustment General to Glover Edwin Ruckstell, June 14. 31. Western Union Telegram, Aircraft Prod Twenty Three Ruckstell to Mr. R.S. Satterlee, August 1 (2 copies); and Telegram, R.S. Satterlee to Capt. G.E. Ruckstell, July 31. 32. Travel Orders, G.D. Kidder to Bureau of Aircraft Production, August 7. Insurance, C.D. Kidder to Capt. G.E. Ruckstell, August 9. 33. Travel Orders, Captain Ruckstell to Satterlee, August 18.

Folder 03 - Correspondence, General

Physical Description: 1. Unaddressed humorous letter, undated. 2. Letter, Ed to Roxy, undated. 3. Letter, from G.E. Ruckstell and H.C. Lippiatt, July 11, 1929. 4. Letter of Authority, George W. Vawter to Mr. Glover E. Ruckstell, July 30, 1930. 5. Letter, G.E. Ruckstell to Roxy, March 23, 1936. 6. Telegraph, Walter Crary to G.E. Ruckstell, October 9, 1936. 7. Letter and Application for Registration, Charles A. Pursley to Captain G.E. Ruckstell, July 10, 1937. 8. Letter, H.C. Lippiatt to Mr. G.E. Ruckstell, September 14, 1937. 9. Letter, to Pat, July 24, 1939. 10. Letter and Form 936, C.D. Doak to Glover E. Rucksteel (misspelled), March 4, 1942. 11. Letter and List of Equipment, from J. White, June 20, 1951. 12. Letter, Marian Ruckstell to Howard, February 2 1954, Letter from K.F. Mundt to W.E. Zisch, attached. 13. Letter, Offer and Contract of Employment, Marian K. Ruckstell to Raymond Tremaine, August 17, 1956. 14. Letter, G.E. Ruckstell to Olive Ann, July 22, 1957 with edited copy attached. 15. Letter, O.A. Beech to Mr. G. E. Ruckstell, November 21, 1957.

Folder 04 - United States Naval Reserve Documents

Physical Description: 1. Glover Edwin Ruckstell background and experience, April 8, 1943. 2. Glover Edwin Ruckstell Qualifications 3. Envelope and Letter concerning Navy Commission, C.I. Ochs of the Eaton Manufacturing Company to Mr. G.E. Ruckstell, April 13, 1943. 4. Envelope and Letter concerning a Navy Recommendation, B.M. Kent to Mr. G.E. Ruckstell, April 13, 1943. 5. Letter concerning a Navy Recommendation, J.G. Scrugham to Officer Procurement Division, April 14, 1943. 6. Letter concerning Navy Commission, G.E. Ruckstell to Mr. Edsel Ford, April 14, 1943. 7. Envelope and Letter concerning Navy Commission, A.E. Demaray to Procurement Officer, April 1943. 8. Letter concerning Navy Commission, G.E. Ruckstell to Mr. C.F. Kettering, April 14, 1943. 9. Letter concerning Navy Commission, G.E. Ruckstell to Mr. O.E. Hunt, April 14, 1943. Envelopes and Letters concerning a Navy Recommendation, J.O. Eaton to Mr. Ruckstell and J.O. Eaton To Whom It May Concern, April 14, 1943. 10. Letter concerning Navy Commission, G.E. Ruckstell to Office of Naval Officer Procurement, April 20, 1943. 11. Envelope and Letter, O.E. Hunt Executive Vice President of General Motors to Mr. G.E. Ruckstell, April 22, 1943. 12. Envelope and Letter concerning a Navy Recommendation, C.F. Kettering, General Manager Research Laboratories Division General Motors To Whom It May Concern, April 23, 1943. 13. Thank You Letter concerning Navy Commission, G.E. Ruckstell to Mr. J.O. Eaton, April 26, 1943. 14. Thank You Letter concerning Navy Commission, G.E. Ruckstell to Mr. C.I. Ochs, April 26, 1943. 15. Letter concerning Application for a commission in the U.S. Naval Reserve, O.J. Gullickson to Mr. Glover Edwin Ruckstell, May 6, 1943. 16. Application for Appointment in U.S. Naval Reserve, Randall Jacobs, Chief of Naval Personnel to Mr. Glover Edwin Ruckstell, June 10, 1943.

Folder 05 - Ruckstell Corporation and Axle

Physical Description: 1. Black and White photo of Ruckstell Corporation building. 2. Ruckstell Corporation letterhead. 3. Newspaper advertisement for the Ruckstell 2 speed Axle. 4. Prospective buyer card. 5. Ruckstell Axle Master Parts Price List, July 1, 1924. 6. Handwritten Truckstell-2-Speed-Axle, Gear Ration, 1942. 7. Typed Truckstell-2-Speed-Axle, Gear Ration, 1942 (2 copies). 8. "Ruckstell Corporation Opens Plant in Azusa", circa 1957.

Folder 06 - Aerojet Documents

Physical Description: 1. Facts Concerning Hayward VS Ruckstell Interests in Connection With Aero-jet-Hayward-Ruckstell Negotiations, post 1952 (2 copies of page 1, 2, and 3). 2. Letter concerning consulting agreement, T.E. Beehan to Mr. Glover E. Ruckstell, January 14, 1955; and Consulting Agreement between Aero-jet General Corporation and Glover E. Ruckstell, post November 1, 1954; and Letter concerning consulting agreement, Marian K. Ruckstell to Mr. T.E. Beehan, January 1, 1955; and Consulting Engineer Aerojet General Corporation Agreement, January 1, 1955; Letter concerning consulting agreement, Marian K. Ruckstell to Mr. T.E. Beehan, December 9, 1954; and Letter concerning consulting agreement, T.E. Beehan to Glover E. Ruckstell, November 1, 1954; and Consulting Agreement between Aerojet-General Corporation and Glover E. Ruckstell, November 1, 1953; and Consulting Services Statement, May 31, 1954; and \$3500 Deposit from May 31, 1954 Statement, June 8, 1954; Consulting Services Statement, June 30, 1954; and \$500 Deposit from June 30, 1954 Statement, July 20, 1954; and Consulting Services Statement, July 31, 1954; and \$500 Deposit from July 31, 1954 Statement, August 7, 1954; Consulting Services Statement, August 31, 1954; and \$500 Deposit from August 31, 1954 Statement, September 8, 1954; Consulting Services Statement, September 30, 1954; and \$500 Deposit from September 30, 1954 Statement, October 11, 1954; Consulting Services Statement, October 30, 1954; and \$500 Deposit from October 30, 1954 Statement, November 8, 1954; Consulting Services Statement, November 30, 1954; and \$500 Deposit from November 30, 1954 Statement, December 10, 1954; Letter on Agreement between Ruckstell and Aerojet-General, to Mr. G.E. Ruckstell, December 3, 1954; and Letter concerning a \$500 check, T.E. Beehan to Mr. Glover E. Ruckstell; and Consulting Services Statement, December 31, 1954; and \$500 Deposit from December 31, 1954 Statement.

Folder 07 - Who's Who Society; and Resume and References

Physical Description: 1. Letter from the Who's Who Historical Society, Alice Catt Armstrong to Mr. Ruckstell, November 7, 1949. 2. Glover Edwin Ruckstell Biographical Data; and Letter attached to Glover Edwin Ruckstell Biographical Data, Marian K. Ruckstell to The A.N. Marquis Co., November 22, 1952; and "Who's Who In The West" important details overleaf, 1952; and Letter concerning the 4th Edition of "Who's Who In The West", Wheeler Sammons, Publisher to Biographee, 1952. 3. Glover Edwin Ruckstell References. 4. Ruckstell Resume for "Who's Who In The West".

Folder 08 - Identification Cards and Certificates

Physical Description: 1. Copy of Federal Radio Commission notice of license approval, July 15, 1935. 2. Copy of Restricted Radiotelephone Opr' Permit, expires April 15, 1946. 3. Grand Canyon Airlines Pass, expires January 1, 1937; and United States of America Department of Commerce Aeronautics Branch Mechanic's License, expires July 15, 1935; and Transcontinental & Western Air Inc. Identification Card; and Western Air Express-The Boulder Dam Route 1936 Pass. 4. G.E. Ruckstell membership booklet to the Army, Navy and Marine Corps Country Club. 5. National Aeronautic Association of U.S.A. membership certificate, July 13, 1931. 6. Copy of Radio Telephone Operator License, August 12, 1938. 7. Stratoliner Club membership certificate, January 8, 1942. 8. Certificate celebrating 35 years of membership with the Society of Automotive Engineers, October 1, 1952.

Folder 09 - Miscellaneous Documents

Physical Description: 1. Humorous typed noted about the differences between an Engineer, a Salesman, and a Purchasing Agent. 2. Hand written note with dates, locations and times on them. 3. Copy of newspaper article, "Motors of 50 Cars Sing For Big Race," L.A. Evening Herald, July 3, 1913. 4. Bill of Sale of Whirlwind Travelair Airplane with 2 parachutes and 2 valises, June 27, 1929. 5. Bill of Sale of C-3 seas plane, with letter from Harold Zimmerman to Glover Edwin Ruckstell, and official paperwork. 6. Notice of death of Glover Edwin Ruckstell, Mrs. Glover E. Ruckstell to Society of Automotive Engineers, July 30, 1963.

Folder 10 - Logbooks

Physical Description: 1. Model B9-4000, owner Ruckstell Corp Ltd., Serial No. 1397, Plane License Number: NR-158V from June 3, 1930 to August 16, 1933. 2. Model D-4000, owner Ruckstell Corp, Serial No. 1380, Plane License Number: NC-478N, no year, June 7 to November 2 following year.