

Russell E. Lee

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#### EDUCATION:

Southwest Texas State University: B. A., December 1981, History  
 George Mason University: M. A., August 1992, History

#### EMPLOYMENT:

Curator, National Air and Space Museum, Smithsonian Institution, Aeronautics Division, March 1992 to present; Museum Specialist, May 1984 to March 1992; Museum Technician, August 1982 to May 1984.

#### PROFESSIONAL MEMBERSHIPS:

Society for the History of Technology  
 Experimental Soaring Association  
 Soaring Society of America

#### SELECTED PUBLICATIONS:

"Leroy Grumman and the F6F Hellcat," *NASM Research Report 1986*, (Washington, D.C.: Smithsonian Institution, 1986).

*The Aviation Careers of Igor Sikorsky*, co-authored with Von Hardesty and Dorothy Cochrane, (Seattle, Washington: University of Washington Press, 1989).

"Impact of Victory Through Air Power, Part I: The Army Air Forces Reaction," *Air Power History*, June 1993.

"Impact of Victory Through Air Power, Part II: The Navy Reaction," *Air Power History*, September 1993.

"Seversky, Alexander de," *Oxford Companion to American Military History*, (New York: Oxford University, 1999).

"Dissecting an Air Force: Air Disarmament Division's Role in Neutralizing the Luftwaffe and Plundering its Secrets," *American Aviation Historical Society Journal*, Spring 1999.

"Arlington Sisu 1A: Rise and Demise of America's Most Successful Competition Sailplane and the Beginning of the Era of Fiberglass," *American Aviation Historical Society Journal*, Fall 2004.

"Tin Soldiers Versus Glass Slippers: Why Fiberglass-Reinforced Plastic Sailplanes Developed in Europe But Failed in America," *Composites Manufacturing*, October 2006.

"Flying High and Far: The Impact of Meteorological Knowledge on the Sport of Soaring Flight," *Weather, Local Knowledge and Everyday Life: Issues in Integrated Climate Studies*, Vladimir Jankovic and Christina Barboza, eds., (Rio de Janeiro: Museu de Astronomia e Ciencias Afins, 2009), 194-202.

"Philosophy of Restoration," *National Soaring Museum Historical Journal*, vol. 32, no. 1, Winter 2009/2010, 17-19. Original paper presented June 2009, International Vintage Sailplane

Meet, National Soaring Museum, Elmira, NY.

*Only the Wing: Reimar Horten's Epic Quest to Stabilize and Control the All-Wing Aircraft*, (Washington, D. C.: Smithsonian Institution Scholarly Press, 2011).

#### EXHIBITS:

"Spirit of Texas," 1983.

"Leroy Grumman and the F6F Hellcat," October 1985.

"East End Outdoor Ultralight Aircraft Exhibit," July 1986.

"Tiltrotor: Changing the Way We Fly," April 1986.

"Expeditionary Airfields," November 1986.

"NASM Model Aircraft Collection," May 1986.

"The Aviation Careers of Igor Sikorsky," November 1989.

"Sport Aviation Exhibit Station," December 2003.

"Rolls Royce Heritage of Flight Trophy," September 2005.

"Ultralight Aircraft Exhibit Station," November 2008.

#### PAPERS PRESENTED:

"Tin Soldiers vs. Glass Slippers: Sport Sailplane Development and the Innovation Shift from America to Europe," Society for the History of Technology, October 2004, Amsterdam.

"Reimar Horten's Quest to Perfect the All-Wing Aircraft," The International Community of Flight Conference, May 2008, Wright State University.

"Flying High and Far: The Impact of Meteorological Knowledge on the Sport of Soaring Flight," Weather, Local Knowledge and Everyday Life: Issues in Integrated Climate Studies, May 2008 Conference, Museu de Astronomia e Ciencias Afins, Rio de Janeiro.

"Flying High and Far: The Impact of Meteorological Knowledge on the Sport of Soaring Flight," July 2009, International Vintage Sailplane Meet, National Soaring Museum.

"Tin Soldiers and Glass Slippers: How Competition Sailplane Development and Innovation Shifted from America to Europe," April 2010, National Soaring Museum History Symposium.

"OLC, the Internet Competition for Sport Sailplane Pilots," August 2010, International Committee for the History of Technology, Tampere, Finland.

"Flying High and Far: The Impact of Meteorological Knowledge on the Sport of Soaring Flight," January 2011, Soaring Society of America Convention.

"How Uncle Sam Saved the Ultralight Aircraft Movement," August 2011, International Committee for the History of Technology, Glasgow, Scotland.

"Tin Soldiers and Glass Slippers: How Competition Sailplane Development and Innovation Shifted from America to Europe," October 2011, Experimental Soaring Association Eastern Workshop.

"Impact of Soaring on Aviation," October 2011, Soaring 100 History Symposium on the 1911 Wright Soaring Trials, Wright Brothers National Memorial.

#### FLYING RECORD:

<u>First Flight</u>	<u>Aircraft Make &amp; Model</u>	<u>Hours Flown/Soloed=X</u>
9/8/73	Piper Cherokee	6
8/2/79	Cessna C-150	169.6/X
1/26/80	Cessna C-172	64.4/X

3/2/80	Bellanca Citabria	65/X
3/29/80	Rockwell Commander 112	14.2/X
11/2/80	Cessna C-120	1.2/X
12/27/80	Piper Arrow PA-28RT	40.6/X
2/15/82	Bellanca Decathlon	6.1/X
2/27/82	Taylorcraft BC-12D	11.7/X
10/3/82	North American AT-6C Texan	2.7
6/10/84	Cessna C-182	62.6/X
11/3/84	Piper PA-18 Super Cub	25.6/X
4/13/85	Grumman AA-1A	3.3/X
4/23/85	Cessna C-180	1
9/7/85	Piper PA-25 Pawnee	107.5/X
5/26/86	Schweizer 2-33	1.9/X
7/12/86	Schweizer 1-26	2.1/X
9/20/86	Schweizer 1-36	1.7/X
8/5/88	Boeing PT-17 Stearman	12.3/X
8/9/96	American Champion 7ECA Aurora	18.2/X

Total Time, Tailwheel Aircraft, 282.8

Total Time, Complex Aircraft, 57.5

Total Time, Sailplane, 5.7

Total Flying Time, 619.9