News from the President
George Applebay

The museum has a lot to be thankful this year. Alice C. Johnson of Dallas, Texas, has made an unrestricted donation to the museum of $100,000. Alice Johnson is well-known to the soaring community, especially to contest pilots and organizers. For decades she crewed for her husband, 11-time National Champion Dick Johnson, at contest sites across the US and around the world. Some of this money will be used to add a library, classroom, and storage area to the museum display building in Moriarty. This new educational facility will be dedicated to Alice. We invite all of Alice and Dick’s friends and relatives to join us for the opening when this new facility is complete. This is not the first donation from the Johnsons. During the initial museum construction campaign, they gave a substantial number of shares of Texas Instruments stock that went a long to helping get the job done. We are extremely grateful to Alice for this generous donation.

An early photo of Alice and Dick

Other News

The museum is the new owner of a very unusual Schweizer 1-26. See the story inside this issue.

After receiving a coat of paint, the Arlen C. Moore SS-1 homebuilt sailplane is ready for display. See the story next page.

Our museum continues to support the soaring community. During the Region 9 Super Regional and Modern Class contest in Moriarty, we provided meeting space and banquet space. In gratitude, the contest donated $500 to the museum.
Arlen C. Moore SS-1

Arlen Moore’s SS-1 was donated to the museum in 2005. It had been recovered before coming to the museum and, therefore, was never displayed. George Applebay recently painted the new fabric areas and this significant glider is now ready for rigging and display.

The SS-1 is a high-wing, single seat, FAI Standard Class glider that was designed and built by Arlen C. Moore of Oregon. It is interesting to note that in Arlen’s younger years, when he worked in a plywood factory, he lost the sight in one eye to a splinter of wood. Nevertheless, Arlen was able to conduct a successful and productive life in the wood industry as well as gaining a pilot’s license. He completed the ship in less than three years (in 1966) with the help of his wife and young son. Arlen earned the gold badge (#806) in this glider, completing the final leg in 1973. Arlen was described by late fellow pilot Robert Lee Moore (no relation) as a perfectionist’s perfectionist.

Moore made flights to 18,000 feet and 200 miles in the ship. The SS-1 was featured in the January 1974 issue of Soaring Magazine, “Building the SS-1; Soaring the Steens,” by Arlen Moore and Patrick McGrath, Jr. The ship can be flown with an open cockpit as illustrated on the cover page of that issue (see page 4). Arlen pioneered the soaring site at the Alvord Desert, a dry lake at the base of Steens Mountain in southeast Oregon.

The SS-1 is of predominantly aluminum construction, with the wing partly covered with sheet aluminum and partly doped aircraft fabric covering. Fiberglass was used for the nose, wing junction, and tail cone. All the ribs and bulkheads are of .040 6061 T4 aluminum. All metal surfaces are flush riveted except for the aft section of the fuselage. The SS-1 features a cantilever semi-tapered wing with DFS dive brakes, a fixed faired wheel, and sports a yellow paint job with red trim.

**General Characteristics**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wingspan:</td>
<td>48.1 ft</td>
</tr>
<tr>
<td>Wing area:</td>
<td>121 sq ft</td>
</tr>
<tr>
<td>Aspect ratio:</td>
<td>20:1</td>
</tr>
<tr>
<td>Airfoil:</td>
<td>NACA 65-618</td>
</tr>
<tr>
<td>Empty weight:</td>
<td>486 lb</td>
</tr>
<tr>
<td>Gross weight:</td>
<td>690 lb</td>
</tr>
</tbody>
</table>

**Performance**

- Maximum glide ratio: 30:1 at 60 mph
- Rate of sink: 2.3 ft/s at 60 mph
- Wing loading: 5.7 lb/sq ft

Visit our museum to see this unique glider “up close and personal.”
Schweizer 1-26C, Serial #484

This glider was donated to the museum in November 2011 by Ronald Cyr of Mansfield, Texas. Incredibly, this is a zero-time 1-26; it has never been flown! The glider kit was originally purchased by the US Air Force Academy, but never built. The kit then passed through several hands before being completed by Ron Cyr. We hope to have it hanging in the museum in the near future.

The Schweizer 1-26C was the kit version of the 1-26B. The B Model was produced with metal covered wings and some refinements for pilot comfort and visibility. Along with the metal covered wings came another 25 pounds in both empty weight and maximum gross weight. Along with the C, came a multitude of extras or options such as fiberglass nose, wheel cover, stick boot, swept tail, oxygen rack, adjustable rudder pedals, and fairings. The minimum sink is 2.7 fps and maximum L/D is 23:1 at 49 mph. The photo below shows 484 on its factory standard trailer, ready to be rigged.
Dave Leonard Selected for US Soaring Team

Museum Board Member Bob Leonard is bursting with pride since his son, Dave, was chosen to represent the United States at the World Soaring Championships to be held in Marfa in 2012. Dave currently is based at Kelly Field, in Elbert County, Colorado, and flies with the Black Forest Soaring Society.

Dave Leonard at Logan, Utah, in 2010.

Directions to the Museum

Traveling East on Interstate 40, 35 miles from Albuquerque, bear right at exit 197 onto Old Highway 66 East Moriarty. We are the big building on your left. Traveling West go right at exit 197, entering Old Highway 66. See us on your left.
Your membership number and expiration date are on the newsletter mailing label.

CURRENT MEMBERS

Individual Members
Aland Adams
Michael J. Adams
Kenton C. Alexander
Robert Anderson
Judy Applebay
Ken Barnard
Ben Barrentine
Colin Joseph Barry
Bill Batesole
Ron Blum
Roy Bourgeois
Doris Bowen
Robert Bruce
William H. Chambers
Henry M. Claybourn, Jr.
Burt Compton
Barry Crommelin
Carl L. Cuntz
Art Davis
Jon Davis
Charles Dobkins
Leo Doyal
Phil Ecklund
Duane Eisenbeiss
Earl Fain
John Farris
Don Fox
Krémář František
Jim Gaede
Douglas Gray
Gerald Gross
Bill Hannahan
Paul Hanson
James E. Hard
Charles Hayes
Arthur Heavener
William Hensing
Carl D. Herold
Fred Hermanspan
Jack Hickman
Bill Hill
William Hoverman
William J. Huckell
Robert M. Hudson
Vernon Hutchison
Fred Jensen
LaFonda Kinnaman
Colleen Koenig
Chuck Knausinger
Mary Lattimore
Chuck Lauritsen
Hannes Linke
Bill Lumley
Jim Marske
Mark Mocho
Don Neeper
Larry Nicholson
David Ochsner
Steve Otto
Francesco Minio Paluello
Duan Parè
H.H. Patterson
Lance Peterson
Ray Proennekke
Marita Rea
Bill Read
Alice K. Rivera
Bill Rothlisberger
Bertha M. Ryan
Philip Schmalz
Jan Scott
Paul Seares
Terry Slawinski
Mike Smith
Peter W. Smith
Gary W. Sullivan
Richard Sundquist
Gene Tieman
Leon Tracy
Don Voss
Phyllis Wells
Scott White
Fred & Magda Hefty
Jim & Els Hoffer
Vernon Hutchinson
Ken & James Jacobs
Deor & Linda Jenson
Richard & Jordi Kandarian
Glen Leonard
Sue McNay
Mark & Neita Montague
Steve & Mary Moskal
Charles E. Norman
Angel Pala
Peter/Charlene Pankuch
Rolf Peterson
John and Joy Pierce
Mr./Mrs. A.G. Rogers
David Roth & Ann Morrison
Charles & Joani Shaw
Julie Smith
Richard B. Straw
Robert Talarczyk
Brian/Sandy Thomson
Brian & Sharon Utey
Darrel/Maureen Watson
Robert Williams
Chris Wilson
John Zimmerman & Leslie King

Family Members
Jan & Dan Armstrong
Ken & Vi Artburn
Joe & Susan Blanks
John & Jean Brittingham
Dennis & Jane Brown
David & Janice Carroll
Gerald & Kathy Cleaver
Robert Colby
David Fitzgerald
William & Sue Fitzgerald
Matt & Nicole Grunenwald
Annita & Mario Harris
Bill & Sophie Holbrook
Francis Humblet
Don & Diane Jackson
Chris & Cynthia Kinnaman
Janice & Richard Lloyd
Richard & Mary Mah
Charlie & Michelle Minner
Richard & Lisle Mockler
Steve & Mary Moskal
Bill & Nancy Ordway
Glenn & Georgia Overlander
Horst & Mary Roehl
Stan & Carol Roeske
Steve & Pat Schery
Ed Slater
David & Meredith Stevenson
Mike & Linda Stogner
Doug, Susan, Brian & Danny Swain
Carleton & Robin Tatro
Barry VanVickevoort-Cromelin
Mike & Marla Wersonick
Charles White
Rich & Patty Willson
Roman Wrosz

Supporting Members
Dick & Barbara Anderson
Craig Angus
Bruce & Margie Carmichael
Augie Chavez
Ashlon B. Collins
Craig Denman
Earl Fain
John & Margaret Farris
James A. Fee
Alice Gaines
H. P. Gildersleeve
Tom Hardy
Dave Harmony

Life Members
Christine Alkov
Mike & Mary Anaya
Toney & Elaine Anaya
George Appleby
John Applegate
George Avent
Betty Baker
Bill Barber
Karen Schreder Barbera
Dieter Bibbik
Terry/Shay Blankenship
Jeffrey Bloch
Jim & Suzy Bobo
Taylor & Helen Boyer
Ann Bratton
Keith D. Brodhagen
Phil & Susan Bucher
Lynn & Allen Buckingham
William M. Burge
Jeff Byard
Timothy Campbell
Hank Caple
Tammie Carswell
Brian Cepac
Shirley Crisp
Mario & Linda Crosina
Fred & Shirley Daams
Jeanne Ebersole
Carl and Rhonda Ekdahl
Warren Gaede
Georgann and Jim Garver
Carson Gilmer
Gary C. Gilmer
Ned Godshall and Ellen Torgcrimson
Lee Goetsche, Jr.
Sue Graham
Ted Grussing
Bruce Hansche & Chris Husted
George B. Harrison
Carl & Ann Hawk
Trygvi Helsgon
Barry J. Hicks
Steve & Lily Hill
Bob & Carol Hoey
Glen Holforty
Bob & Ruth Holliday
Cliff & Lorraine Hoyle
Al & Nancy Hume
Robert L. Hurmi
J.D. Huss
Ken & Michelle Jensen
Alice Johnson
James & Margaret Johnson
Rin & Johanna Kaminskas
Ollin & Maile Kane
Mike & Helen Krensue
 Sergius & Kathy Kohudic
Rick Laister
George Lauman
Al & Irene Leffler
Barbara & Bob Leonard
Glen D. Leonard
Steve Leonard
Allene & Ivar Lindstrom
Bill Liscomb
Dieter & Suzanne Loepfer
Bob Lorenzo
John T. Lodowicz
Christopher Manley
Susan & Tim McAllister
Judith McCreedy
Marilyn Melone
Jerry & Cindy Mercer
John Mildon
Arlen & Gerri Moore
Earl & Audrey Nelson
Konrad & Johanna Nierich
N.B. & Eloise Noland
Paul Oldershaw
Dan & Carolyn Palmer
Neal & Miriam Palmquist
Bill & Linda Patterson
Neal & Karen Pfeiffer
Curtis Randell
David & Jan Raspert
John V. Rawson
Glen Reibold
Dan Rihn
Gene Rinke
Vaughn Roberts
Renny & Joan Rozzoni
Fernando & Alicia Rueda
Lisa Ruppert
Jim & Doris Sands
Angie Schreder
Carol Schreder
Jerzy Serfin
JJ & Patricia Sinclair
Bob Sparling
Bob Stephens
Robert Storck
Fred Taylor
George & Kathy Taylor
Mary Tebo
Mike Tomazin
Charles Turkle
Tom Turkle
Bob von Hellens
Don Wallen
John and Sandra Wheltem
Frank and Rita Whelte
USSSM Membership Application

Benefits of memberships include:
1. Free admission to museum facilities.
2. 10% discount on gift shop purchases.
3. Receive all USSSM mailings.
4. The satisfaction of knowing that you are helping to build a first-class museum.

Life members and major contributors and their minor children receive these benefits for life. Other members receive them for one year. Family, Supporting and Sustaining include minor children. Supporting and Sustaining accrue toward a Life membership.

Send check to: U.S. Southwest Soaring Museum
P.O. Box 3626
Moriarty, NM 87035

New _______ Renewal _______

Individual $35 Family $45 Student $20 Supporting $100 Sustaining $500
Life Member $1,000 Major Contributor $5,555

Name ____________________________________________
Address ___________________________________________
Telephone ___________________________ E-mail Address __________________________

RETURN SERVICE REQUESTED

Moriarty, NM 87035
P.O. Box 3626
U.S. Southwest Soaring Museum