EAA NEWS

Vol XIV No 9 Walter V. Laski, Editor September 1982

4-Car Coin-operated Electric Charge Stations at Los Angeles' Marriott Hotel.

The world's first commercial automated electric charging station is being installed at the Los Angeles' Marriott Hotel, near LAX by the Silver Volt Corporation.

The new charging station, which will accommodate all makes of electric cars, will be located on the east side of the Los Angeles' Marriott Hotel and will provide four charging positions, three (3) 240 Volt 50 Amp receptacles for slow charge of all electric cars — and one (1) 240 Volt, three-phase 300 Amp position for fast charge Batteries.

The fast charge position will take approximately forty-five (45) minutes to recharge a car, while others will take half a day or overnight. In celebration of this new charging station, the Silver Volt Corporation, America's oldest electric auto manufacturer, will stage a world's record, non-stop distance run on Wednesday, September 14th from Marriott's Rancho Las Palmas Resort near Palm Springs to the Los Angeles' Marriott Hotel, a distance of 135 miles.

Robert R. Aronson, Chairman of the Silver Volt Corporation, stated the Silver Volt electric car has a cruising range of over 200 miles, using its Tri-Polar Lead-Cobalt Batteries, and a special on-board auxiliary power unit, at a speed of 55 miles per hour.

The Marriott Hotel was selected as the locale for the first electric charging station in anticipation of rapid growth for the electric vehicle industry. Currently, there are 1800 electric cars registered in the state of California.

ICPR NEWS RELEASE

HOW FAR CAN THEY GO?

This simple question is always one of the first asked of the electric car owner by the curious public and the media at various public exhibits. The average person on the street nowadays blames the battery for not giving the electric car the range (of 200 miles he NEEDS) and the speed (of 60 mph he NEEDS). But we have already broken the 100 mile range at our 1981 EAA Rally, which should be quite sufficient when considering that over 90% of our daily driving trips in the US are for total distance of less than 25 miles. The above figures prove that the electric cars are "more than adequate" as a viable alternate energy form for transportation. They should be considered and discussed with respect to the contribution they are currently making (both by industry and public use), not as replacement of the IC powered car, but as a valuable supplement.

Electric Auto Association
1674 Merrill Drive No. 12
San Jose, CA 95024

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ELECTRIC CAR SUPPLIES, PARTS, ETC.

ELECTRIC VEHICLES INC., and AA ELECTRACAR are Northern California EV Dealerships located at 2170 Old Middlefield Way in Mountain View. They offer full line of new U.S. factory-built EVs from $9,995 and up. They have clean, used EVs from $4,000 up. For hobbyists they have complete, fully operational Electric Engine$_{TM}$ units for one-day Conversions at $2,200 with discount to EAA Members. They also sell separate components, such as Prestolite Motors at $775 - Transistor Speed Controllers at $595 - Transmission and Shaft Adapters at $250 - and Batteries from $65 to $99. For information call EVI (415) 964-3974 or AAE (415) 968-5329.

DAF EV CO-OP now forming for builders interested in DAF CVTs. Cars and CVT units are available at discount. Free information: Bill Radtke, 706 Monroe Street, Santa Rosa, CA 95404. Phone (707) 546-4217.

Custom Motor Adapters and Couplings made to order. In stock 8Hp Baldor Motor with VW lightened Flywheel. Flight Systems EV Service Facility. Parts and Plans. Dal-Tech Energy Systems, 1606 Hickory Street, S. Milwaukee, WI 53172. Phone (414) 762-0907.

SES - Siskiyou Energy Systems offers the SES EV Control System as advertised in Electric Vehicle News (February '82 issue). This is an inexpensive and complete Control System which is ideal for the EV hobbyist. For details call Ric Barline (408) 356-0289.

Custom Motor-mount Adapters with motor shaft-to-wheel couplers for most cars and motors made to order. For description write or call Bill Palmer, 44 Dior Terrace, Los Altos, CA 94022. Phone (415) 948-7677.

FOR SALE

J&H G-28 400A Generators
$400/each-New Delco 36V-50A
Alternators - $300/each
J.Bonebrake (515) 961-5609 eve.

New Factory EV 600 Van
Stored in Sunnyvale - $10,900
Bob Wing - P.O. Box 277
Inverness, CA 94937

WANTED - Clean running Electric with good Batteries - Will pay $1,000 or more - J. Iozza
24 Birch St.,Everett,MA 02149
(617) 387-9325

Willey Model 7 Controller
(2) Generators, plus others -
$500/make offer - G.Holbrook
(503) 772-6856

FOR SALE

Datsun Pickup - 14 Batteries
500A Motor - Make offer
C. Ellers (408) 296-8532

'79 Commuta Car - 3500 miles
Asking $300 - Ivan Marts
(415) 652-0880

"Post Office" 3-Wheeler Truck
Asking $450 - Glen Bailey
1459 Portland, Albany, CA
94706 (415) 524-3914

2 CM63 200A - $150
2 CM63 200A - $125
Ed Schanz (408) 746-8219
8:00-5:00 M/F

FOR SALE

New Reliance Shunt Motor
106V, 14.5Hp - $750/offer
Baker & Reliance Motors
$250/each (216) 286-6232

'69 Renault Sedan - Hybrid
Trojan Controls - $1,500
P.O.Box 5035,Salton City, CA

Willey Model 8 Controller
2CM GE Generator/Coupler
10Hp Chrysler 2-Cycle Engine
Plus others - Make offer
J.Stall (816) 741-7912

Willey Model 9 Controller
Complete with Blower
90-day Warranty - $400
(408) 244-9728 after 4 p.m.

Food and Entertainment at 10th Annual Rally in Sunnyvale.

Sheril Williams and Friends will be selling (at reasonable prices) coffee, donuts, and lunch at our upcoming 10th Annual Rally. The lunch menu will consist of Hamburgers ($1.50), Hot Dogs ($1.00), and Nachos ($1.00), as well as Soft Drinks ($.50) and Iced Tea. Mary Ann's Dance Studio will provide entertainment from 1:30 to 3:00 p.m. with her California Champion dancers performing in full costume for your enjoyment.

MANUALS ON EVs

HYBRID CAR MANUAL - describes Hybrids, their operation, fuel needs and performance. It gives details to convert (2) VW Beetles into one, with seven sheets of plans. Reliable, road proven Plans include automatic operation and good performance. The Manual is available for $10.95 from Randy M. Olson, White Rock, SD 57277.

"Switched Mode Battery Charger" - a Manual on a lightweight, efficient, cheap - less than $100 - Battery Charger. The manual is easy to follow and the construction is explained in simple, concise diagrams. Parts are common and easy to find. Mail check for $6.00 to Sacramento Chapter, 376 Spreading Oak Lane, Rancho Cordova, CA 95670.

"Wake-up Detroit - the EVs are Coming" - by Al Smith - a 120-page paperback full of photos and interesting Chapters on State of the Electric Art - Electric Car Conversions and Kits and helpful advice on problems in building your own. The book is available for $4.95 from Cromwell-Smith Investment and Services, P.O. Box 1714, LaJolla, CA 92038.

"Electric Auto Manual" - New, Enlarged Edition by Walter V. Laski, containing Basic instructions on Conversion Methods of various autos including Hybrids, Three-wheelers and Two-wheelers also. The Manual is now available at a reduced rate of $6.00 from Walter Laski, 1674 Merrill Drive #12., San Jose, CA 95124.

CHAPTER ACTIVITIES

Seattle EVA had a successful Second Annual Long Distance EV Rally on August 1 in Seattle, with fourteen electrics participating, seven commercial and seven conversions. There was a tie for the first place between SEVA member, Ray Nadreau in his converted Fiat 850, and Ms. Cindy Beltzelle in her recently purchased Jet Electrica, at 73.5 miles traveled. This was a 35% improvement over last year's high score; second place went to Norris Saari in his converted VW at 69.3 miles. There were also two hybrids present, owned by Dave Mischke and Vern Frese, which ran as straight electrics.

There was plenty of press coverage on TV, radio and newspapers, before, during and after the Rally, thanks to a concerted effort of Steve Lough, Ray Nadreau, Don Meyers and Carl Welch. Without this effort the word would not get out. Coming up: Second Annual EV Show - November 20th and 21st - Thanks to SEVA and Pacific Science Center.

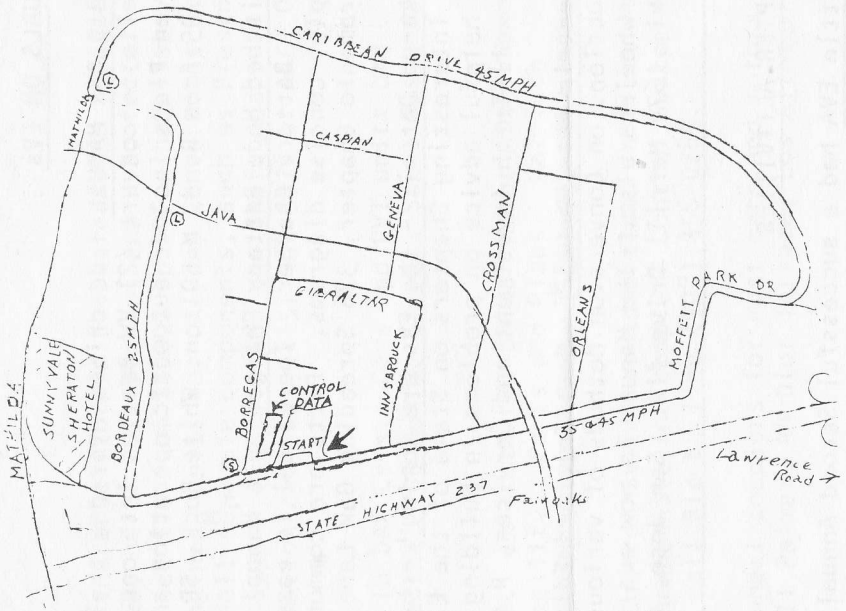
Eastbay Chapter had a very successful 1982 Auto Rally on Saturday, August 14, in Oakland. There were ten entries taking part in the Rally, all conversions except the Hybrid built by Clarence Ellers from the ground up. First place was taken by Jack Higgins doing 90 miles in 31 laps in his Saab; second place went to Bill Williams with a Honda doing 87 miles in 30 laps, and third place went to Bruce McCoskie in his VW Dune Buggy doing 75 miles in 26 laps. John Wasylina made 70 miles in 24 laps in a Honda, just missing third place by two laps.

Trophies for the winners will be awarded at the September 11 meeting at the PG&E Service Center, 4801 Oakport Street, Oakland, at 9:30 a.m. Winners are requested to bring their cars to show them off at the meeting.

ATTENTION: EVC NEWSLETTER SUBSCRIBERS

The EVC Newsletter, published monthly by the Electric Vehicle Council, has been subscribed by our members at a special rate of $10/year (regular rate is $30) but now the Electric Vehicle Council had to raise our rate to $20/year. This is the month to renew the subscription - so please start sending in those checks to EAA News Office, pronto.

1982 Rally
Schedule of Events



SEPTEMBER 18, 1982

Control Data Parking Lot. Moffett Park Dr. near Innsbruck, S'vale

7:30	Registration
9:15	Drivers Meeting --Rally Master Paul Brasch
9:30	Rally starts
12:00	Lunch Break
1:00	Resume Rally
3:30	End Run

SUNDAY

SEPTEMBER 19, 1982

Sheraton Hotel Rodeo Room. Mathilda & Moffett Park Dr.

9:30 * State of the Art and Times speakers.
Cars on display in Hotel Parking Lot.

11 to 12:45 Board of Directors Meeting.

11:45	Social Hour Rodeo Room
12:45	AWARDS BRUNCH '

BRING YOUR ELECTRIC AND ENTER THE RALLY REGARDLESS OF YOUR RANGE--HAVE FUN --ADD IMPACT.

*SPEAKERS WILL BE: Mike Foster: Switch node battery chargers; Barry Askew: EPRI Advance Battery: Erv Ulbrich: 21 Century Vehicles: L.Roy Leembruggen Manager Dir. Ellroy Eng. Australia, Elect. Mass Transit Bill Palmer: sizing Vehicles, Ellers: Parallel Hybrid.

ATTENTION VOLUNTEERS-- PLEASE SIGN UP AT RALLY MASTERS TABLE. Paul will appreciate knowing you are ready and willing to HELP!!!

BRUNCH

Reservations have been made for 100 people.

SEND CHECKS TO
Patricia Hardage
1085 Tasman Dr.
732 Sunnyvale
Day (415) 968-5329
Eve (408) 734-8385

$ 10.00 per person

BRUNCH

When Mailing your check in for reservation, please state:

1. Persons First Name (all in your party)
2. Which Chapter (if any)
3. Title of person if on Board or Rally committee

This gives me a chance to make up the name tags in advance, instead of at the door.

PLEASE GET YOUR RESERVATIONS IN TODAY. IT WILL HELP.

Thanks

BRUNCH