

Singing Hills

Resort Lodge and Country Club



Shown above is Tom Addis III, P.G.A. Head Golf Professional at Singing Hills. Below are some of their extensive fleet of 150 E-Z Go and Tee Bird Golf Cars.

Beautiful Singing Hills is located on an old Spanish land grant in El Cajon, California. Aptly titled the triumvirate of golfdom. The three courses offer 17,000 yards of challenges. The Willow Glen, at 7000 yards, can tax the very best . . . Oak Glen, 6500 yards, is a happy medium for high and low handicappers. The demand for accuracy, on Pine Glen, reaches professional limits.



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SEPT.-OCT./75 GOLFDOM MAGAZINE 31

Enemy continued

game, he eats in the clubhouse, signs the chit with a phony club number and name. On his way out, he might pull a second cart of golf clubs out to his car in the parking lot and put them in his trunk, while their real owner drinks a beer in the clubhouse.

Old Joe: the man who provides

towels in the men's showers. Never says much. Everyone calls him by his first name. Golfers wonder why their wallets disappear from their lockers.

John and Martha: the most excusable wrong-doers of all. Usually on a date. In a moment of passion after midnight, they drive their car to a lonely part of the golf course — to a sand trap, perhaps — for an anatomy lesson under the elms. The

only problem is that they have dug up the fairway by driving overland.

Herr Lenin: young political activist, angry at the establishment, sees the golf club as the plaything of the idle ruling class. For kicks, he will spray-paint obscenities or slogans on the walls of golf sheds "to get even with the establishment".

Why the increase in vandalism?

Can it be avoided?

Golf club owners ask these questions because they foresee a loss in their business if they can't curb the rash of minor, and sometimes major, mischief on their premises.

Of course, mischief has increased because interest in golf has generally increased. However the biggest reason for rising vandalism on courses is it is so easy. After all, aren't golf courses the only sport facilities of their size without walls?

Some of the ways a golf course owner can prevent theft and a tarnished public image are:

Get outside, professional help. Too often companies or clubs think they can provide their own security programs and end up losing money.

Choose a security firm with established credentials that provides you with references from their past clients.

Spend enough time with security experts in studying the layout of your golf course. All courses are different. List the locations of all equipment, greens, and golf sheds on the course. Then determine which parts of the course are most accessible to outsiders. For example, which parts of the course border on a residential area? Does your course front, in places, on a major highway or a road that is poorly lit at night?

Security at the course and clubhouse is most important at night, when the premises are most vulnerable. Be sure your clubhouse is well-lit or equipped with alarms. Also provide lighting in parts of your golf course where greens and property are close to open highways or residences. (It should be noted that one West coast pitch-and-putt golf club lit up its course completely at night and stayed open, thus drawing more business and reducing security exposures.)

Hire a minimum of two guards

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TEE-RIFIC TRIO

• DERBY TURF-TYPE PERENNIAL RYEGRASS

Joins Manhattan and Pennfine on the "highly preferred" list of turf-type ryegrasses. A durable dark green beauty, Derby persists under close mowing, has better-than-average heat, disease and drought resistance and a fine record in the South when used for winter overseeding. A fast germinating grass, it's normally ready for mowing in three to four weeks.

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Named world champion at the 45th Annual Royal Agricultural Winter Fair at Toronto, Canada, Highlight is the brilliant green grass that performs in shady areas and in the dry root zone around trees. It blends with Kentucky bluegrass and turf-type perennial ryegrass. Unusually disease resistant, it requires less fertilizer and fewer mowings, and it may be cut to heights of 1/4" in specialized use.

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Here is an improved bent for greens, tees, fairways and other fine turf. Vigorous and dense, it heals rapidly if injured. It has persisted under hot, humid conditions and yet with all its vigor does not tend toward "puffiness." University trials show it superior to Seaside at all cutting levels, the equal of Penncross at putting green heights and superior at tee and fairway mowing levels.

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A golf sweater has always been part of a golfer's equipment. Trouble was, a fine quality golf sweater was expensive to purchase and costly to maintain. That's the way it was up until Touring Pro invented Carefree II for Men, and practically

revolutionized the entire golf sweater business. Now, the Sweater Guys at Touring Pro are at it again. This time they've created Carefree II for Women, a light 'n lively sweater that's easy to wash 'n wear and wear and wear! Made of Virgin

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WINTER BATTERY CARE

Golf car batteries are generally stored connected up in the car. Before putting cars up for off-season storage, be certain the tops of the batteries are washed clean. This will help reduce the amount of self-discharge on the batteries.

Fully charge the batteries then store in an unheated area. Heat increases the amount of self-discharge while cold reduces the stand loss characteristics of the storage battery. Physically sound, fully charged batteries stored at 0°F. self-discharge very little over a four-month period. On the other hand, if the same batteries were stored at 80°F., they would need to be recharged about once a month.

Batteries in storage should be checked periodically, and when the gravity drops 1.220 sp. gr. by hydrometer reading, they should be brought back to full charge.

After the storage period is over, test the batteries before charging. Check the gravity of each cell with a hydrometer or open circuit voltmeter. If there is a weak or failing cell in a battery, it will show up more readily after the storage period.

Each battery should be checked individually, then all batteries in the car should be checked as a set. Using a battery hydrometer, test each battery, comparing the three cell readings of each battery. If the variation between the highest and lowest cell readings in any one battery is .050 (50 gravity points) or more, there is reason to suspect a weak or failing cell.

Where the battery has exposed top connectors and each cell can be checked individually, prod each cell and record the open circuit voltage. If the variation between the highest and lowest cell readings of any one battery is .050 volts or more, there is reason to suspect a weak or failing cell.

Batteries stored at 0°F. self-discharge very little over a four-month period. The same batteries stored at 80°F. need to be recharged once a month.

by Joseph Garvin
ESB Brands, Inc.
Cleveland, Ohio

Where the battery has one-piece covers and the individual cells cannot be tested, use a six-volt voltmeter and test the terminal voltage of each battery in the set, comparing one battery against the other. If the battery voltage readings of any one battery in the set of six batteries varies by .050 volts or more, there is reason to suspect you have found a weak or failed battery. The batteries should again be charged and then the test repeated.

If the batteries are just off charge and are to be tested with a voltmeter, drive the car around for about 30 seconds, then let it sit for three to five minutes before testing. This removes the surface charge from the plates which give false readings for an open circuit voltage test.

If the batteries are in a partially discharged state, connect a 75 amp load tester to the set of batteries and test each battery in the set with a six-volt voltmeter while under load. A weak or failed battery in the set will show up on the voltmeter. When there is a suspect bad battery and the batteries are just off charge, connect the 75 amp load tester and let it discharge to an overall voltage of 31.5 volts. At this point, if the set of

batteries discharged less than 40 minutes to 31.5 volts, test each battery individually with a voltmeter, for chances are there is a bad battery in the set.

If a failed battery cannot be found and the fully charged set of batteries only 40 minutes to a voltage of 31.5 volts, the golf car probably will not make 18 holes of golf and the entire set of six batteries should be replaced.

After checking all batteries and classifying according to minutes delivered, the batteries should be removed from the car. Clean the battery carrier and battery hold-down with a putty knife and wire brush to remove all corrosion and rust. The clean parts should then be painted with a corrosion-resistant paint.

Where the old cable connectors are being reused, soak them in a bucket of water to which one cup of bicarbonate of soda has been added. Wipe the cable connectors clean and dry, then wire brush the connector ends until the metal shines. Where clamp-on type terminals are used, use a post-type brush to clean the inside of the terminal connectors. The battery terminals should be cleaned until the lead shines.

Install the battery hold-down making certain it is pulled up snug enough to keep the batteries from bouncing in the carrier. Do not over-tighten, because this can warp or break the battery containers.

Install the cable connectors to battery terminals to a tight connection. Apply a coating of non-metallic grease or protective spray to all connections to help minimize future corrosion.

Before sending the car out on the course, give the batteries a full 12-hour charge. This acts as an "equalizing" charge and insures that all batteries in the car are in a good state of charge. □



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MORE FOR LESS

AMF Harley-Davidson scores a breakthrough in electric golf cars with the new DE-40

Meet the new DE-40, Harley-Davidson's answer to the rising cost of operating a golf car fleet.

First, because of unique Harley-Davidson engineering and design innovations, we were able to improve performance, increase quality—yet remain competitive in price.

Utilizing an all-weather fiberglass body, a single spine tube frame and lightweight aluminum "A" frame front suspension arms, we dramatically reduced the weight. The DE-40 is just 900 pounds light.

But, light as it is, the DE-40 can handle a 750 pound payload at speeds up to 11 mph and take a 50% grade in stride.

With less dead weight to lug around, there's less battery drain. Greater assurance of full performance through the last nine holes of the day.

The bumpers are extra strong for real impact protection. And improved suspension gives a better ride.

We also made servicing faster and easier. All you have to do is tilt the seats forward, or just lift them out, for direct access to the drive train, batteries and charging plug.

To service brakes, as well as electrical components, the golf bag wells in back are easily removed with a quarter-turn of a fastener.

There are more features that make the DE-40 worth a lot more for a lot less. Read on.

Front suspension and bumper Tough, automotive-type, two-leaf lateral spring front suspension, mounted on cast aluminum "A" frame arms. This gives a softer ride, with maximum control. And the front and rear bumpers are

exactly the same height. They deliver 3-mph shock-absorbing ability for greater protection.

Front beverage wells Here's a nice little touch—special beverage holders built-in. To keep your drinks close at hand.



Console and dash controls

Controls are located conveniently on the dash. The key selects forward or reverse. And the unique between-the-rider console

has plenty of room for a half a dozen golf balls and a handful of tees.

Speed switch The speed switch has 5 contacts (off, 1st, 2nd, 3rd, and high). Each contact point assures a smooth acceleration flow. And these special points are "cold-head forged" for years and years of trouble-free performance.

Steering wheel Steering is positive, precise and easy. Because the car is



lighter and the turning radius is a mere 10'. Another little convenience? Take a look at the built-in scorecard holder.

Motor The DE-40's two-horsepower electric motor delivers plenty of power to hustle the car wherever it has to go. Without straining.

Seat with batteries Six powerful batteries (190 amp-hours) with the easiest access





ever. A quick flick of either seat latch and the batteries are immediately accessible.

Disc brake When it comes to braking, it's faster and surer than ever. The new, thicker-than-ordinary disc



brake does the job. It's 30% thicker for longer life. Fast heat dissipation assures better protection against brake pad wear as well as better braking.



Rear suspension The coiled rear springs on the DE-40 assure superior leveling and a cushioned ride. These automotive-type springs are mounted in a new, cantilevered position for improved performance. All this, plus an *exclusive* anti-sway bar to assure excellent stability.



Sun roof The handsome sun roof has a steel frame for superior rigidity. And the hard top is truly sun-resistant and fade-resistant. Unique rain gutter keeps the drips off the riders.

There you have it. The all-new Harley-Davidson DE-40. Worth a lot more. For a lot less.

Get all the facts on the DE-40 golf car breakthrough. See your local Harley-Davidson Golf Car dealer. Or contact Ralph Zickert, Golf Car Sales Manager, AMF Harley-Davidson, Milwaukee, Wisconsin 53201. Telephone (414) 342-4680



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NEWS OF THE INDUSTRY

Pest Identification Debuts at GCSAA Show

A series of pest identification slide sets will premier at the 47th Golf Course Superintendents Association of America Turfgrass Conference and Show in Minneapolis Feb. 8-13.

The slide sets will touch on identification of turf diseases, insects and weeds, and will consist of about 100 slides with scripts in each area. After the show the slide sets will be available for chapter education meetings, universities and individuals.

The show will be at Minneapolis Auditorium and Convention Hall. Headquarters hotel will be the

Radisson Hotel. Superintendent officials are looking for about 160 exhibitors, and say response has been good thus far. Total attendance for the last year's show was 4,899.

Concurrent educational sessions that debuted last year will again feature 70 speakers in 10 general areas. There will also be a continuous showing of scheduled films in one room in the hall. The films will deal with different turf areas. Instead of golf course tours as there have been in the past, five Minnesota superintendents will give presentations on unique features of their courses.

PGA's Return to Orlando Draws Favorable Response

Response by pros and manufacturers alike to the return of the PGA Merchandise Show to Walt Disney World, Orlando, Fla. has been very favorable, according to show director Connie Madsen.

"Plans are progressing well, and we are looking for a good turnout and a smoothly run show," Madsen told GOLFDOM.

The show will be Jan. 25-28 at the Contemporary Hotel. Display areas will again be on the second floor of the main building and in the annex of the Contemporary North. Last year's attendance of 5,705 was up 28 percent over the previous year. Total attendance was 8,506 including exhibitors working 223 exhibit areas.

Foot-Joy Majority Interest Acquired by General Mills

General Mills, Inc., Minneapolis, Minn. has acquired 60 percent interest in Foot-Joy, Inc., Brockton, Mass., manufacturers of golf shoes.

Dean Belbas, a General Mills financial officer, told GOLFDOM terms of the transaction were 70,000 shares of General Mills stock. Belbas said Foot-Joy will continue to operate as before with no changes in personnel or marketing policy. General Mills already owned New York's David Crystal, Inc. and their Izod and Haymaker labels. Ernie Sabayrac, Inc., Miami, handles Izod and Haymaker along with Foot-Joy and other labels.

Some Food Price Declines Are Expected by Government

Country club managers across the country will be happy to hear that if weather and crop prospects continue as expected, the U.S. Department of Agriculture suggests that some food prices will decline in the last three months of this year and hold relatively stable in the first half of next year.

A spokesman for the Agriculture Department told GOLFDOM that beef prices should move downward by the end of the year and that due to short supplies, pork prices will likely remain high. The official also said broiler price increases



He's Mr. Toro: James M. Kaufman (center), president and general manager of Minnesota Toro, Inc., full-line distributor for Toro Co., has been named "Mr. Toro," the highest honor annually given to a Toro distributor. At left is David T. McLaughlin, Toro president, who presented the award at Toro's annual distributor convention in Minneapolis. Also congratulating the award winner is John C. Norton, Toro group vice president.

should ease as output expands near the end of the year; dairy product prices are expected to remain relatively stable through the rest of the year; and processed fruit and vegetable prices are likely to remain at current levels through the rest of the year.

Colorado's Dr. Jess Fults Honored with Grass Variety

Dr. Jess Fults has retired after 30 years as a professor of botany and plant pathology at Colorado State University.

To honor Fults, Howard Kaewer of the Northrup King & Co. has announced a selection of *Puccinellia* grass will be put into production and will be given the names Fults. This is because of Fults' work with the grass at CSU.

While at CSU, Fults did significant work with herbicides, especially on crabgrass. Recently he has been testing growth regulators and completed the bulk of that work this summer. He hopes to publish soon a new edition of his *Key to the Identification of Turfgrasses by Vegetative Means*.

Chlordane and Heptachlor Banned; Velsicol Appeals

The federal Environmental Protection Agency, as expected, banned chlordane and heptachlor last month, saying the pesticides have been linked to cancer.

The sole U.S. manufacturer of the two pesticides, Velsicol Chemical Corp., Chicago, appealed the decision, and hearings on the case could last to the end of the year or longer. Velsicol said if it loses its administrative appeal to the EPA, it will take the matter to court.

The principal impact of the EPA's decision was to speed up agency's efforts, already underway since last year, to cancel the registrations required to make the pesticides.

The procedure for permanent cancellation allows the products to be sold during appeals.

But by moving to suspend the pesticides from the market during the cancellation process, the EPA hopes to have them off the market by the end of the year.



Berg receives Joe Graffis Award: Golfer Patty Berg received the National Golf Foundation's Joe Graffis Award at the Foundation's annual advanced educational seminar at Pine Needles Lodge, Southern Pines, N.C. this summer. The award was presented in recognition of her long-time contribution to the golf education field and the promotion of junior golf. Graffis presented the award.

Managers Plan Conference; Negotiate Headquarter Site

Plans are underway for the 1976 Club Managers Association of America Conference Feb. 8-14 in Washington, D.C., and negotiations are still being carried out for a national headquarters site for the organization in Bethesda, Md.

Zoning changes are necessary for Winterberry Place, a former ambassadorial property, to become CMAA headquarters.

If zoning is approved, the \$335,000 deal will be carried through by CMAA officers. The \$335,000 price includes all furniture, fixtures and equipment in the house. Financing is available at 8½ percent. Officials of the CMAA said this would mean a modest savings on operational expenses annually, and on a cash flow basis, an additional cash expenditure of about \$10,000 a year for the next 15 years. At that time the CMAA would own a considerable capital asset, they said.

Paul Gomez, CMAA director of education, outlined seminars planned for the conference to be held at the Washington Hilton.

Seminars will include: "Keeping Pace with Tomorrow;" "Board and Committee Relations;" "Human Relations Approach to Handling Members;" "Management Styles;" "Outdoor Lighting;" and food

seminars of regional foods and regional party ideas.

Over 1,500 persons are expected to attend.

Gomez said there is a chance President Ford may be keynote speaker of the conference.

There will also be an extensive children's program, and bicentennial-flavored tours of historic sites. Included in the tours and children's program are a visit to the new FBI Building, Mount Vernon, the Supreme Court, the Smithsonian Institution, the Tomb of the Unknown Soldier, a meeting with some congressmen and a tribute to Abraham Lincoln.

Equipment Sales Expand For Golf, Tennis Last Year

Despite the economic climate, Americans spent more money on athletic equipment than ever before, according to a national survey sponsored by the National Sporting Goods Association. The findings are based on the response of 32,000 families.

The report shows that men and women of all ages have taken up tennis, spending 48 percent more than the previous year on tennis equipment, including almost 8½ million tennis rackets. Golf equipment sales expanded about eight percent, the survey showed.



“We compost leaves to make a better top dressing than we could buy... without paying a cent for humus.”

So says Steve Kristof, Supt. of Charles River Country Club, Newton Centre, Mass. He adds, “We’ve been mixing leaf mold in with our top dressing since 1967. With a mixture of 60% sand, 20% soil and 20% leaf mold, we’ve had excellent results.

“We apply top dressing to greens and greens’ areas four to five times a year . . . to tees more often. This results in instant greening. It also controls disease . . . helps consume thatch . . . and definitely controls fungus.”

The Charles River course is heavily treed with oaks so there are plenty of leaves to collect. They are stacked in windrows (6-ft. x 8-ft.) on a 10,000 sq. ft. clearing only 300 yards from the course. With the windrows turned twice yearly, Mother Nature does the rest. In less than 3 years, the leaves decompose into a rich, black leaf mold. A Royer 120 Shredder with a PTO drive is used to shred and mix the leaf mold with soil and sand. The mixture is then processed with a Royer Power Screen to produce a fine, homogeneous top dressing.

“Using leaf mold pays off,” says Tommy McKniff, Asst. Superintendent. “We avoid paying \$5 a yard for pur-

chased humus and we do not have to pay for hauling leaves from the course as other clubs in the area are doing.”

The how’s and why’s of leaf composting are fully explained in Royer literature. We’ll be glad to send this data to you along with information on Royer Shredders and Power Screens. Write or phone.



Tommy McKniff checks richness of 3-yr. old leaf mold.

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NEWS OF THE INDUSTRY *continued*

Lofts Pedigreed Seed, Inc. Announces New York Office

Peter Loft, president of Lofts Pedigreed Seed, Inc., Bound Brook, N.J. has announced the opening of Loft/New York, 4292 Albany St., Albany, N.Y. 12205.

Loft/New York will serve the professional and retail trade of the tri-city area with Lofts’ complete line of bulk and packaged seed as well as Lofts’ lawn care products.

The New York office and distribution center will also be the packaging headquarters for Lofts’ introduction into the retail flower and vegetable small package seed market. Loft/New York will be headed by Ray Bentley, assisted by his son Lance, and John diPalma. Ray is well-known in the seed industry, having over 30 years experience with Lofts, Stover Seed and Asgrow Seed Co.

Credibility with Employers Will Upgrade Superintendent

The first priority in upgrading the superintendent and giving him more job security is the upgrading of the local superintendents’ organization and establishing its credibility with the golf course employer, according to Roy Stoddard, superintendent at Soboba Springs Country Club, San Jacinto, Calif.

“Unless we can convince the employer that we are a group of professionals who as a group can render a valued service to them in their choice of superintendent, our support of a superintendent will be of little value,” Stoddard said.

He said the best route to follow is for superintendents to back the certification of the Golf Course Superintendents Association of America and for the local chapter to increase its rapport with the golf courses in its area to the point that the credibility of the chapter and its members will be increased to where local support will have a meaning. His comments were reported in the newsletter of the Hi-Lo Desert Golf Course Superintendents Association.