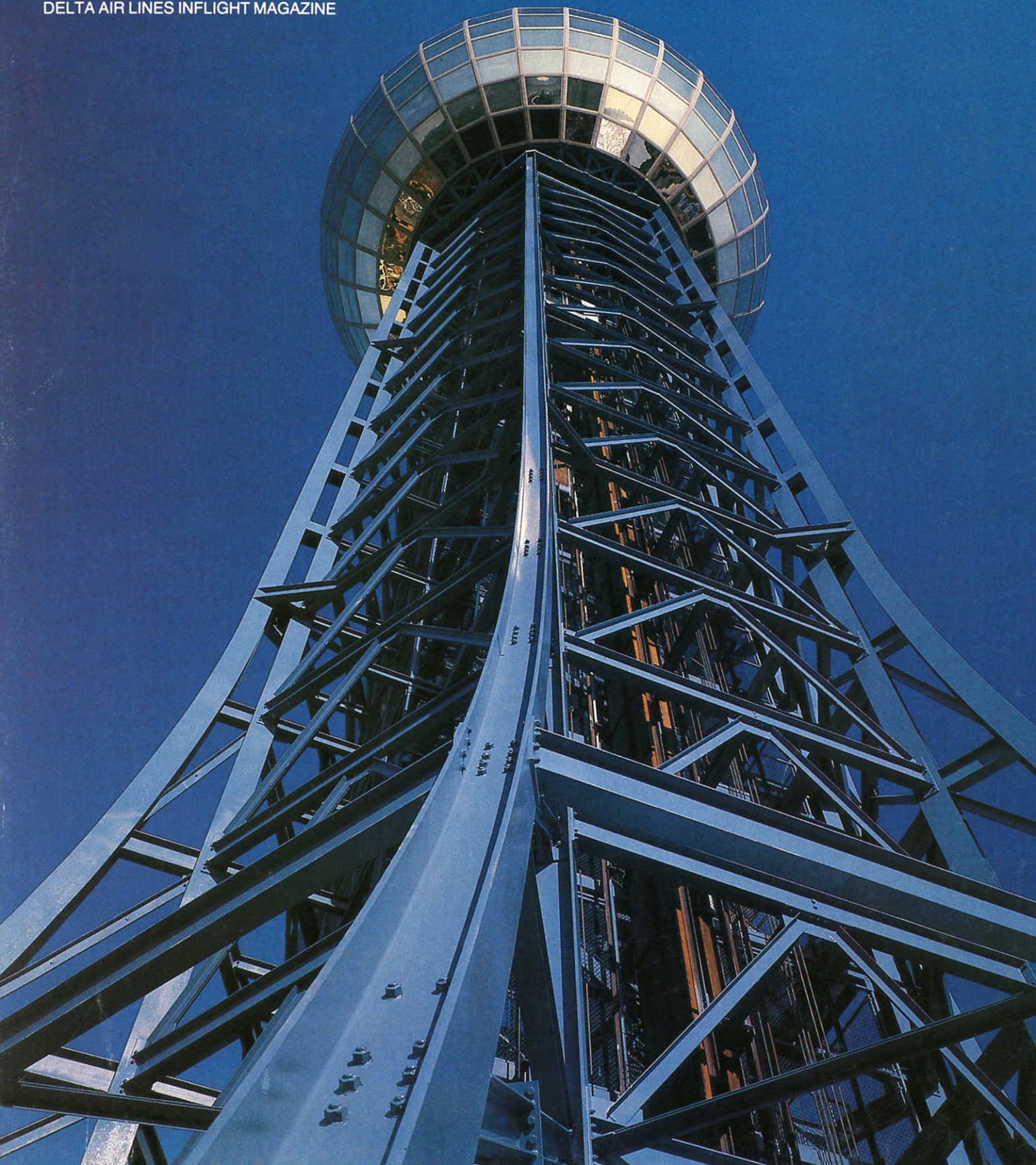


MAY 1982

SKY®

DELTA AIR LINES INFLIGHT MAGAZINE

- A WORLD OF ENERGY
- CALIFORNIA'S COLOSSAL COASTLINE
- PERPLEXED OVER WORD PROCESSORS?
- MAKING SENSE OF THE MARKETS
- VIDEO GAMES: SPORTS IN THE AIR
- ZERO GRAVITY NUTRITION



Get in on the adventure, thrills and discovery of The 1982 World's Fair.

If you miss it this year, you've missed it forever!

Starting May 1, there will be more to see and do in Knoxville, Tennessee, than anyplace else on earth.

The 1982 World's Fair will have over 40 corporations and 19 nations exhibiting. That's more international participation than in any of the last three World's Fairs in the United States!

The response is already extraordinary. Plan *now* to be there!

Start with a soaring ride to the top of the Sunsphere.TM That huge, glittering gold and glass ball, 27 stories up, is the Sunsphere. From inside, your view of all 70 bustling acres of Fairground is breathtaking! Explore 5 levels of walkways filled with restaurants and shops.



BULLETIN: A history-making exhibit from the People's Republic of China.

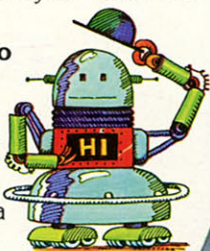
The People's Republic of China hasn't exhibited at a World's Fair since 1904. The long silence finally ends in Knoxville. The Chinese will be there with spectacular artistic

creations dating from the 14th century B.C., *plus* a remarkable piece of the Great Wall!

Parades and photogenic critters. Around the Fairgrounds, marching bands and troubadours will cross your path. So will costumed "critters," who put a friendly paw around your kids while you take pictures.

Meet a friendly robot who takes you to Japan.

At the Japanese exhibit, robotic machines greet you and escort you to a theatre in motion. You'll get the sensation of *sailing* down a river in Japan.



From pickin' and stompin', to symphonies and ballets.

An aerial gondola will take you to the Fair's Folk Life section. There will be 15 events daily, from bluegrass and gospel, to fiddle contests! Elsewhere you'll find symphony orchestras from Atlanta and Austria. And ballets from Houston and Japan. There will also be top performers, including Bob Hope, Johnny Cash, Hal Holbrook and Peter Nero!

Munch a lumpia, a poofer, or a lup chong bow.

Exotic cuisine will constantly tempt you. Sample *lumpia*—a fried Filipino roll stuffed with meat and vegetables. For dessert, have a German *poofer* or Belgian waffle. Or try Chinese *lup chong bow*, Spanish *fritatas*, or Japanese *shumai*.



From hotels to houseboats, you'll find lots of lodging.

Over 30,000 hotel and motel rooms around the Knoxville area will provide traditional lodging. But there are also over 4,000 other choices including cozy private homes, dormitories, houseboats and luxurious condominium apartments, all within 50 miles of the Fair! There are also 10,000 campsites with magnificent views in the nearby Great Smoky Mountains. You'll find accommodations at every price range.

Make plans now! With an anticipated 60,000 visitors every day, the earlier you make reservations, the better. Call (615) 971-1000 for hotel and motel information, or (615) 971-4000 for information on other kinds of housing. Don't wait till it's too late. Because on October 31, the Fair ends forever.

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THE 1982 WORLD'S FAIRTM / MAY 1 - OCTOBER 31 / KNOXVILLE, TENNESSEE

Knoxville! You've got to be there.

TM

A WORLD OF ENERGY

BY EDGAR AND PATRICIA CHEATHAM

From North America to Europe, Australia to Asia, nations from around the world come together in Knoxville to celebrate the theme, "Energy Turns the World."

Conveniently located in the heart of Knoxville, Tennessee, the 1982 World's Fair — themed "Energy Turns the World" — holds promise of a once-in-a-lifetime extravaganza that will turn this medium-sized city into a world destination.

Sprawling over 72 acres, on a site a mile long, the Fair borders the Tennessee River, where it serves as a natural bridge between the center of the city and the main campus of the University of Tennessee.

The futuristic site is the result of a five-year effort at urban renewal, which began soon after Knoxville received sanction from the Paris-based Bureau of International Expositions to host a 1982 Energy Exposition. Efforts turned the once-abandoned Louisville and Nashville Railroad Station, depot and yards into a mostly brand new and strikingly innovative site.

It's highlighted by the 26-story Sunsphere, the Fair's "symbol." Topped by a huge, energy-efficient, gold-tinted glass

globe, and towering at the edge of the three-acre manmade Waters of the World Lake, it encompasses a two-level gourmet restaurant, lounge and two observation decks.

Designed to represent the sun in daytime and a brilliant sunset by night, the Sunsphere features a multi-sensory display presented by Sun Company, one of America's largest energy firms. Appropriately, the display vividly tells the story of the sun as the source of the Earth's energy.

As a visitor to the Sunsphere, you'll enter a "Sunscope" at the base of the tower, to experience a three-minute adventure of light, sound, music and color. Then, an elevator will take you to observation levels in the gold-glass sphere where you'll enjoy a spectacular view and a look at "Sunspots" that tell you more about the sun and energy.

Knoxville's second-tallest building, the Sunsphere is visible beyond the city limits.

Continued next page



The Fair site as it looked just prior to opening: viewed from the University of Tennessee.

The 3,000-seat open-air Tennessee State Amphitheatre hosts a major musical stage show produced by Opryland, USA six days a week during the Fair.

ENERGY

Continued from page 11

It is a permanent addition to the landscape, since it will continue to operate as a restaurant after the Fair becomes only a memory.

The average visitor should plan to spend a minimum of two or three days at the Fair, since one could easily devote the better part of a week to experiencing it in depth. In addition to luring more than 20 guest nations which have developed lavish presentations, the Fair's energy theme has attracted an impressive roster of national and international companies involved in energy-related activities.

Its centerpiece, the imposing multi-million-dollar United States Pavilion, serves as an energy showcase, and will remain on-site afterwards, possibly as an energy research center. Sloping dramatically from the southern shore of the Waters of the World Lake, the cantilevered six-story structure is crowned by a 5,000-square-foot solar collector. This runs the entire length of the Pavilion, powering the building's air-conditioning and hot-water systems.

Upon entering the Pavilion, you'll be whisked by escalator to the first of five descending exhibit levels to view a plethora of advanced scientific, electronic and technological marvels. Video terminals and "talk back" computers are interspersed with other exhibits throughout the main



Victorian-era homes like this one have been renovated, and will house various visitor service offices during the Fair.

hall. Just behind the Pavilion, a special 1982 World's Fair IMAX® film will be shown regularly on a seven-story screen.

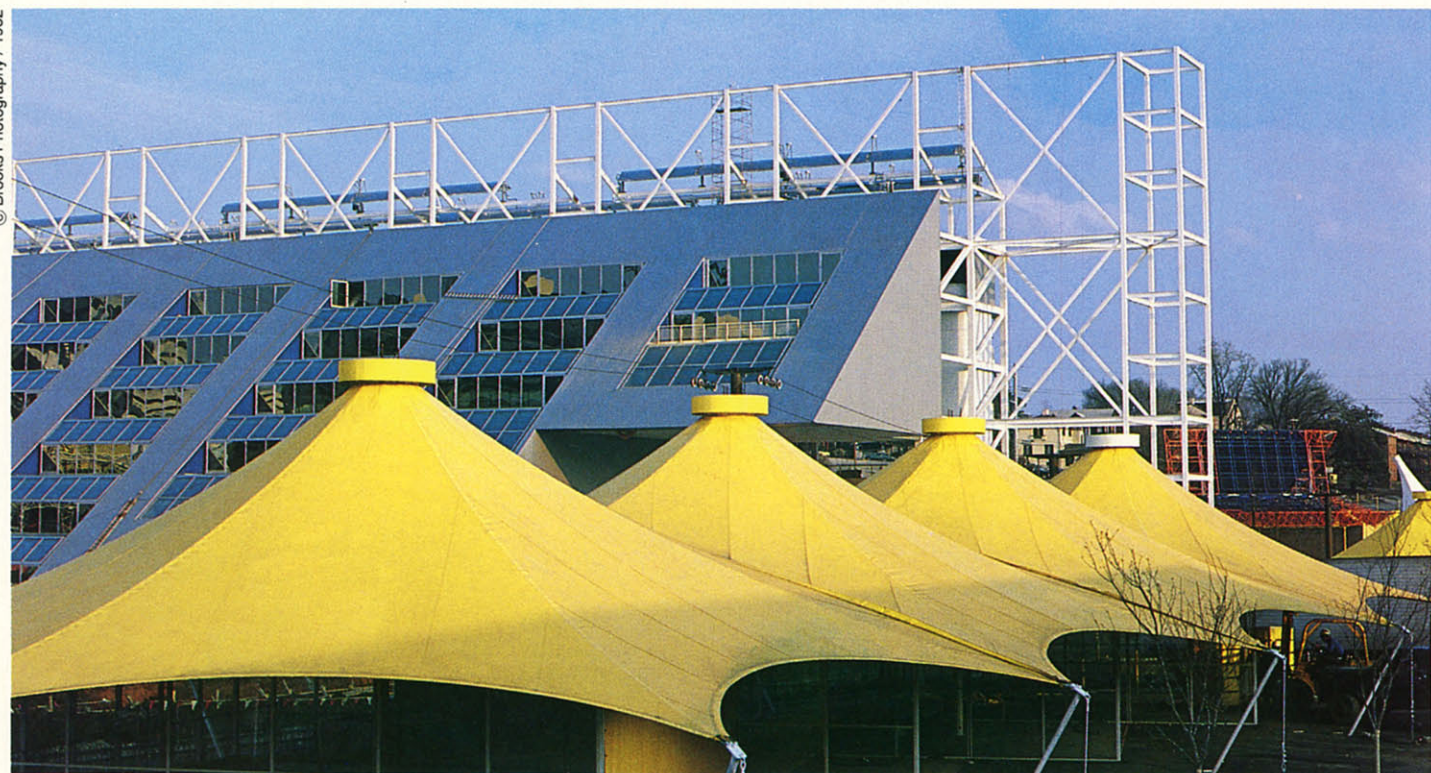
The Fair, which received enthusiastic support from Presidents Ford, Carter and Reagan, boasts more international exhibit space than that of several past fairs, including those held in Seattle, Spokane and San Antonio. Scattered around the western and southern sides of the grounds are seven large frame structures used by the guest nations and international groups for their exhibits. Four more corporate pavilions, plus the huge Center of Technology

and Lifestyle, house industrial presentations.

In making their "statements" in various pavilions, the nations involved seemingly have attempted to outdo each other to capture the visitor's attention. Right up until opening day, much remained top secret, so you can expect a potpourri of surprises.

At the Japanese pavilion, you'll be met by talking robots which are programmed to answer questions. Japan's presentation is focused on that nation's efforts to develop and introduce alternative energy, as

Continued page 14



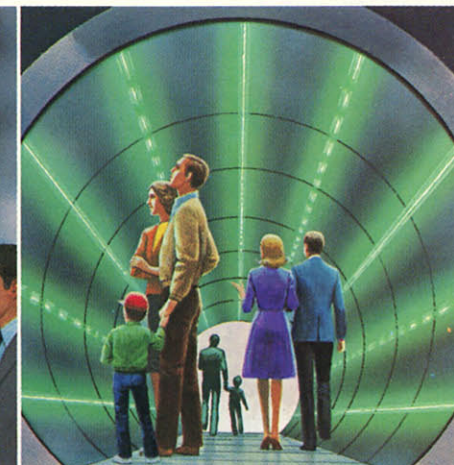
The U. S. (or "Federal") Pavilion, rising behind the amphitheatre, is the multi-million-dollar centerpiece of Knoxville's Expo.



Reach out and touch tomorrow. Visit the Gas Energy Pavilion at the 1982 World's Fair on Energy in Knoxville, Tennessee.



Learn about America's largest domestically produced fuel and our most important energy for homes, industry and agriculture.



Come to the Fair and discover why gas, America's most efficient energy system, is the bright spot in our energy future.

DISCOVER GAS AT THE WORLD'S FAIR.

Gas: The future belongs to the efficient.

AMERICAN GAS ASSOCIATION © 1982

well as the impact on the Japanese life-style of new energy conservation measures. Exhibits range from moving models to community energy systems to total energy systems and sail tankers.

Along with a solar-powered dragon boat, the People's Republic of China has actually brought along and reassembled a few feet of the Great Wall. Saudi Arabia features another solar model in its display, along with an animated diorama of the Grand Mosque.

The United Kingdom showcases Britain's successful approach to energy conservation in architecture, industry and transportation. Canada brings its highly innovative audio-visual techniques to an exhibit which uses video discs, computers and a movie theater to tell the story of its energy projects.

From "down under," Australia has brought windmills, moving sidewalks and solar energy displays to a unique exhibit, which also reflects the notably high quality of the Australian lifestyle. It's complete with such realistic touches as eucalyptus and Australian fern trees.

Other nations represented include the Federal Republic of Germany, France, Italy, the Republic of Korea, Mexico, the Hungarian Peoples' Republic, Panama and the ten-nation European Community.

Even if you think you haven't the slightest interest in science, you're sure to be captivated by these lively displays. But exhibits alone don't make a World's Fair. In fact, there's no better catalyst for combining the marvels and thrills of tomorrow with the rich heritage of yesterday — all wrapped up in a whirlwind of good old-and new-fashioned fun for all ages.

Getting around the site is part of the excitement, too. You'll skim by a 70-foot-high aerial gondola skylift, chairlift or tramway, or you can leisurely drift along the Tennessee River by riverboat. And, of course, you can walk. The World's Fair site is actually narrow and fairly compact, and walking promises to be more of a pleasure than an endurance match.

With so much to see and do, you'll work up an appetite. Not to worry. About 50 restaurants, snack bars, cafes and food kiosks are scattered throughout the grounds.

You can retrench on everything from barbecue, European sausage, Belgian waffles, country ham and biscuits, international pastries, chicken and stuffed potato skins to bagels, egg creams, submarine sandwiches, fresh fruit cobbler,

ice cream, New Orleans, Chinese, Japanese and Greek specialties — and, naturally, pizza, hamburgers and hot dogs.

There's no need to go home empty-handed, either. A bevy of boutiques, shops and stores offers souvenirs and gifts from countries around the world.

The 1982 World's Fair presents an ongoing World Festival of live entertainment, celebrity appearances, sporting events, fireworks and other exciting spectacles — many of which you can see nowhere else on earth.

Until closing day, October 31, national and international entertainers, artists, craftsfolk, popular and classical artists, symphonies, pop stars, opera, dance, and Broadway shows vie for your attention in various entertainment showplaces.

Flagship of the World Festival program is the 3,000-seat open-air Tennessee State Amphitheatre directly across from the United States Pavilion and Sunsphere. It's the site of a major musical stage show produced by Nashville's famed Opryland U.S.A. The lively 45-minute historical



Solar-powered phone booths, apropos of the Fair's theme, provide communications for visitors.

pageant, presented six days a week for the duration of the Fair, highlights everything from the blues of Memphis to the country music of Nashville to the folk music of East Tennessee.

Characters representing Tennessee's three Presidents — Andrew Jackson, Andrew Johnson and James K. Polk — are incorporated into the show. It is even larger than Opryland's flagship show, *I Hear America Singing*, which requires 18 singers and dancers and a 12-piece orchestra.

At the northern end of the Fair site, the Stokeley-Van Camp Folklife Festival showcases the arts, heritage, traditions, crafts,

entertainment and foods indigenous to Southern Appalachia and the Southern United States. The two-acre tract includes three performance stages where you'll be entertained by everything from bluegrass, ballads and country western music to folk singers, storytellers, and clog dancers.

Over a dozen folk craft demonstrations range from quilt-making, blacksmithing and weaving to chair-caning and even a genuine moonshine still — sorry, no free samples! Folklife workshops teach folk preaching, song composition, fiddle playing, auctioneering and a host of other skills which have roots in this heritage-rich area.

Family Fun Fair, the huge amusement park area at the south gate, is the Fair's mecca for the young and young-at-heart. Here you can ride one of the world's largest Ferris wheels, clamber aboard a giant pirate ship, or experience a high-speed loop shuttle roller coaster, "Ranger Ride," the first of its kind in the United States. There are a dozen other exciting rides from around the world, along with electronic-game arcades, skill games and enough other continuous entertainment to satisfy the most tireless fun seeker.

Elm Tree Theatre, an open-air entertainment spot, surrounds a 15-year-old elm tree in the center of the International Pavilion Plaza. It showcases entertainment from around the world during each nation's National Week and National Day celebrations. The Tennessee Amphitheatre will feature *Up With People*, Helen Cornelius, Tim Weisberg and Jimmie Walker.

The Court of Flags, in the center of the Fairgrounds, is the site of ceremonies featuring international dignitaries; it's an open-air plaza on the edge of Waters of the World Lake. Bands, dance groups and concerts are also staged here. And adjacent to the Fairgrounds, University of Tennessee's Neyland Stadium is the site of a series of 15 "superstar" concerts.

Other off-site locations, including the Knoxville Civic Coliseum and Auditorium, are used for much of the classical and popular entertainment. Here you'll be entertained by the likes of Bob Hope, Red Skelton, Rudolf Nuryev, Conway Twitty, Bill Cosby, Victor Borge, Tennessee Ernie Ford, Carlos Montoya and Loretta Lynn. The Atlanta Symphony, Knox Pops with Peter Nero, and the Grand Kabuki Theatre of Japan are booked here.

One sports spectacular — The American Basketball Association International Basketball Tournament — will be played in the Civic Auditorium. The Avon Women's 10K Marathon takes place on an approved course through downtown Knoxville.

Other events, including the Athletic Congress Track and Field Championships, American Baseball Association Interna-

Continued page 16

Discover Your Place In The Sun Win A \$10,000 Vacation Anywhere!



Discover "Your Place in the Sun" at the 1982 World's Fair in Knoxville from May 1 through October 31.

One visitor to the Holiday Beach Resorts "Your Place in the Sun" exhibition located in the Fair's Technology and Lifestyle Center will receive a \$10,000 SUPER GRAND PRIZE to vacation anywhere in the world!

Visit and you could win one of 190 additional free prizes, worth a total of more than \$45,000 in free lodging, transportation and services.

Plus just for touring the exhibition, your family will receive a FREE mini-vacation lodging certificate to Northwest Florida or the Mississippi Gulf Coast! Discover the magic of timesharing!

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DEL-582

ENERGY

Continued from page 14

tional Baseball Tournament, International Softball Tournament and the Philadelphia Eagles/New England Patriots NFL exhibition game, are slated for appropriate facilities such as University of Tennessee's Tom Black Track, Neyland Stadium and Bill Meyer Stadium.

All told, the 1982 Fair promises to be a mind-boggling bevy of special entertainment and enough engaging diversions and distractions to keep the most energetic, energy-conscious person busy for days. And that — plus energy — is what makes the world go 'round.

DAY AT THE FAIR

The 1982 World's Fair, Energy Expo, is an 184-day extravaganza taking place from May 1 through October 31 in Knoxville, Tennessee. In addition to a long list of ongoing innovative exhibits to be presented by major corporate sponsors, the Fair will celebrate a World Festival of cultural and athletic events on and off site, and numerous special international activities.

SPECIAL EVENTS:

For a complete list of entertainers who are scheduled to appear at The Fair, and for ticket information, write for dates to Neil Miller, 1982 World's Fair, Box 1982, Knoxville, Tennessee 37982, or phone: (615) 971-1982.

Tickets for off-site performances will be available through Ticketron outlets around the country, or by calling (615) 971-1600.

HOURS:

The 1982 World's Fair will be open from 10 a.m. to midnight every day. Exhibit areas close at 10 p.m. Heaviest attendance is expected between 9:30 and 11 a.m., and again between 4:30 and 6 p.m. May and September are expected to be the least crowded months.

COSTS:

One day general admission is \$9.95; \$9.25 over 55; \$8.25 ages 4-11. Two-day general admission is \$15.95 for all. Fun-Fair rides, Sunsphere elevator, on-site transportation, off-site "superstar" entertainment, meals, drinks and souvenirs are not included in general admission costs.

Order tickets through the World's Fair Ticket Office, P. O. Box 1982, Dept. T, Knoxville, Tennessee 37901, or purchase through Ticketron outlets.



Charles Ralshoon

Calder's "Red Dragon," has been loaned to the Fair by its owner, Atlanta attorney David E. Betts.

LODGING:

Lodging accommodations may be arranged by calling the World's Fair Housing Bureau at (615) 971-1000. Visitors may choose from a wide array of accommodations, ranging from the traditional hotel/motel rooms to campgrounds, rooms in guest homes, condominiums, apartments or houseboats. Prices range from \$54 to \$126 for hotel/motel accommodations in the Knoxville area. These prices are per person, double occupancy for two nights, and include two-day Fair tickets.

For information, contact the Housing Bureau between 8:30 a.m. and 9 p.m. Monday through Friday; and from 10 a.m. to 6 p.m. on Saturday. Reservations may be confirmed by check or by charging to MasterCard, Visa or American Express.

Visitors should be aware that only a small portion of total available rooms have been allotted to the Fair Housing Bureau, and many area hotels and motels may have rooms available through their own reservation systems, as well.

PACKAGES:

Many tour companies offer fixed-price packages, including transportation, lodging, meals and Fair admission tickets. Contact Delta Air Lines or your Travel Agent.

Delta is the Official Airline of the 1982 Knoxville World's Fair. 