



**AGILITY REQUIRED** — The dances of Eastern Serbia are known for their quick footwork and exciting pace. Selections like this are just one of the folk dance and folk song numbers that will be presented here next Thursday at the Center theater by the Aman Folk Ensemble.

## Concert Ass'n to present Aman Folk Ensemble program April 29

An evening of folk music and dances by the Aman Folk Ensemble will close out the 1981-82 season of the Indian Wells Valley Concert Association next Thursday, April 29, at 7:30 at the Center Theater.

Aman is a professional company of 20 dancers, singers and musicians whose music and dances during their appearance here will be drawn from eastern Europe, Asia, North Africa and Ireland, as well as the folk lore of the United States.

Lavish, colorful costumes and authentic ethnic instruments will be featured in this program, which is supported, in part, by funds provided by the California Arts Council.

General admission tickets for the Aman Folk Ensemble performance are priced at \$6 each, and there is a reduced rate of \$4 to those under 21 or over 65 years of age, as well as for fulltime enlisted military personnel.

Tickets are being sold in advance at the Maturango Museum, and also in Ridgecrest at the Gift Mart, the Music Man, Medical Arts Pharmacy, the Center Pharmacy, and McNeil's fashions. If not sold out earlier, tickets also will be on sale at the Center theater box office when it opens at 4:45 p.m. on the day of the program.

Since the supply of single-admission tickets is limited, Concert Association officials recommend that those who do not have season tickets plan to purchase tickets early if they wish to attend the Aman Folk Ensemble performance.

On the night of the program, special-event car passes will be issued at the NWC main gate to concert goers who need them.

Since its organization 17 years ago in Los Angeles, Aman has developed into a major international folk music and dance company.

Whenever possible, Aman has acquired original costumes by making purchases from Old World peasants, by taking advantage of the skill of village craftspeople abroad, and through gifts from foreign governments. When originals are not available, expert copies are made that are exact in every detail of embroidery, leathercraft, and dyeing.

The group's instruments also represent years of collecting. While many are owned by the Aman musicians, the company itself has an assortment of folk instruments ranging from a pair of soup spoons to a 3-ft.-high, 300 lb. strung Romanina cymbalom.

**SPECIAL CHILDREN'S PROGRAM**

As an added bonus, a special 50-minute children's program also will be presented by Aman at 12:45 p.m. next Thursday in the Center theater. Featured during this children's matinee will be five of the numbers from the full evening performance.

These selections will be drawn largely from Eastern European cultures, but will also include one from the Appalachia section of North America.

Although this admission-free program is intended primarily for scheduled classes — mainly from the third and fourth grades of the Sierra Sands Unified School District — limited public seating will be available.

This program is presented as an educational service by the IWV Concert Association, and is made possible by contributions to the association's student education fund and aided, in this case, by funds from the California Arts Council.

**Ideas sought for Energy Awareness Week activities**

The Center's Energy Program Management Office urgently needs those who have a better idea — or any good idea — to volunteer for the 1982 Energy Awareness Week activities.

Since Navy Energy Awareness Week is in October, any volunteers will have enough time to get all the wrinkles ironed out and to recruit help that they may need to implement their ideas.

What is needed is at least one person to take charge of publicity, speakers and films, and each of the "event-days" normally slated during Energy Awareness Week (there are five: foot power day, power down day, recycling day, car pooling day, and exhibit day).

Anyone who would like to volunteer either to take charge of one of the events or to help is asked to contact Peggy Murphy in the Energy Program Office by calling 3411, ext. 225.

Those who are taking advantage of the membership night special at the Commissioned Officers' Mess tonight will be able to dine on chicken a la Kiev between 6:30 and 9 p.m., and will be able to dance to the music of The Marauders from 8 until midnight. The Marauders feature oldies but goodies in the line of music.

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At the Enlisted Mess, the music of "Hot and Sassy," five guys and a gal from Santa Barbara, will be heard rocking away tonight from 9 o'clock until 1:30 a.m. Those who'd like to dine first will enjoy a special steak and shrimp dinner; items on the regular dining menu will also be served.

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Kern County Heritage Days are being celebrated tomorrow and Sunday at Pioneer Village (located by the Kern County Museum at 3801 Chester Ave. in Bakersfield). A parade at 11 a.m. heads tomorrow's activities, and an 1800s fashion show and contest head Sunday's.

Craftspeople will be displaying their wares, lots of food will be on hand for the hungry, and a special stamp cancellation for "Pioneer Village Sub-station" make the days memorable for stamp collectors. Admission is 50 cents for everyone over the age of 6.

## Preparations nearing completion for 'Bloomin' Fiesta' flower show

Only one more week remains until the opening of the "Bloomin' Fiesta" flowers show that will be staged on Saturday and Sunday, May 1 and 2, at the Enlisted Mess.

Predominant in the show, which is co-sponsored by the Oasis Garden Club of Indian Wells Valley, the Desert Planters of Ridgecrest, and the Hi Desert Junior Woman's Club, will be the Spanish influence — reminiscent of the early history of California, according to Alice Hirsch, chairman of this event.

The rules for the show, which are outlined in the schedules that can be obtained at convenient locations throughout the local area, are those recommended by the National Council of State Garden Clubs, Inc.

Copies of the rules and other pertinent information are available at the Center Library and in Ridgecrest at the Water District Office, the Chamber of Commerce office, the Kern County branch library, Mean's Nursery and at the Tri-S Nursery on Inyokern Road, as well as at the Country Feed Barn in Inyokern.

The public is invited to participate by submitting entries in both the Artistic and Horticulture Divisions of the flower show. There will be a pre-registration of artistic design entries on Monday, from 11 a.m. to 3 p.m., at the Ridgecrest library. Horticulture exhibits also are to be brought to the library during the same hours on Wednesday, April 28.

Under the Horticulture Division, there are separate sections for roses, bulbous plants, herbs, foliage and blooming shrubs, flowering trees and vines, as well as fruits and vegetables, hanging plants, and collections of two or more specimens of the same or a different species.

Young people are encouraged to take part in the flower show by entering plants grown in water, container-grown plants, dish gardens, and home-grown vegetables.

There is a separate competitive section for school-age children that also includes artistic arrangements, in addition to the kinds of entries mentioned above.

Judging of all entries is scheduled at 10 a.m. on Saturday, May 1, at the Enlisted Mess, where lunches will be available during two days of the flower show.

## Reception for artist planned at museum

A reception honoring local artist Lisa Hamel will be held in the Sylvia Winslow Gallery of the Maturango Museum on Sunday from 3 to 5 p.m.

Her water color paintings, pen-and-ink sketches, stichery, gouache, pastel and collages are currently on exhibit in the gallery from 1 to 5 p.m. on weekends.

Ms. Hamel is a Burroughs High School graduate who holds a degree from San Francisco State University and Certificate in Commercial Design from the University of California at Santa Barbara. She is currently employed as a marketing illustrator with Texas Instruments.

## Museum schedules annual wildflower show next weekend

As part of the community-wide High Desert Escapades celebration on May 1 and 2, the Maturango Museum will present its fifth annual wildflower show in the exhibit gallery of the museum.

Visitors will be welcome at the wildflower show on Saturday, May 1, from 1 to 5 p.m., and on Sunday, May 2, from 11 a.m. to 4 p.m.

In addition to well-arranged displays of colorful wildflowers and blossoming shrubs, there will be a section of the exhibit in which each of the plants or shrubs will be identified to familiarize viewers with the many varieties that can be found in the local desert and mountain area.

During the hours that the wildflower show is open to the public, the museum gift shop will offer for sale books on wildflowers, as well as cards and prints decorated with replicas of these colorful blooms.

In preparation for the wildflower show, volunteers are needed to aid in locating and picking plant specimens throughout the local valleys and mountains next Thursday, April 29.

On Friday, April 30, more help will be needed separating the plants according to family and then identifying them, and the final task will be to arrange the different varieties for the show on Saturday morning, May 1.

MOVIES

(G) ALL AGES ADMITTED  
 (PG) PARENTAL GUIDANCE SUGGESTED  
 (R) RESTRICTED  
 (Under 17 requires accompanying Parent or Adult Guardian)

Regular starting time 7:00 p.m.

**FRIDAY - MONDAY APRIL 23 & 24**  
**"MOMMIE DEAREST"**  
 Starring Faye Dunaway and Diana Scarwid (Drama-biography, rated PG, 129 min.)

**SATURDAY APRIL 24**  
**"THE FIFTH FLOOR"**  
 Starring Dianne Hull and Bo Hopkins (Drama, rated R, 91 min.)

**SUNDAY APRIL 25**  
**"THE BULLET TRAIN"**  
 Starring Ken Takakura and Shinichi Chiba (Drama, rated PG, 115 min.)

**WEDNESDAY APRIL 28**  
**"HALLOWEEN II"**  
 Starring Donald Pleasance and Jamie Lee Curtis (Horror-drama, rated R, 93 min.)

**THURSDAY APRIL 29**  
 IWV Concert Association Presents  
**AMAN FOLK ENSEMBLE**  
 7:30 p.m.

**FRIDAY APRIL 30**  
**"A PERFECT COUPLE"**  
 Starring Paul Dooley and Martin Hefflin (Romantic drama, rated PG, 118 min.)

\* U.S. Government Printing Office: 1982 - No. 1021

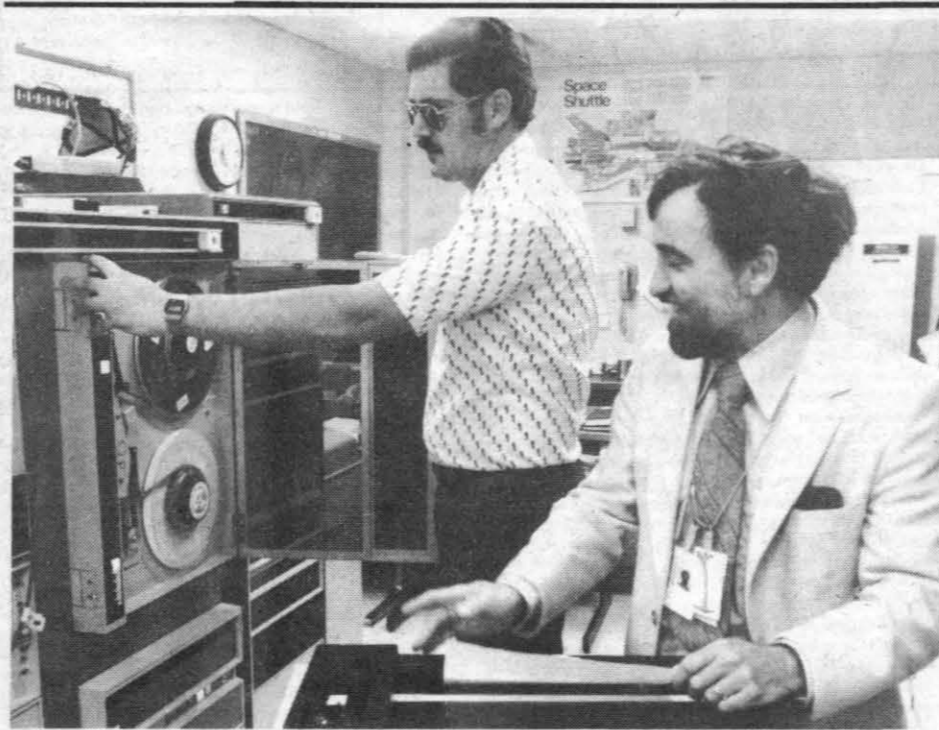
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**To:** \_\_\_\_\_



April 23, 1982  
 Vol. XXXVII, No. 16  
 NAVAL WEAPONS CENTER  
 CHINA LAKE  
 CALIFORNIA



**COMPUTER ADJUSTED** — James R. Manion (at right) and Stephen J. Beattie check out the HP 1000 computer that is used with the software system they developed for greatly speeding up film data reduction following range area tests of missiles. The two men were presented the Technical Director Award for their efforts. — Photo by Don Cornelius

## Two employees receive Tech Director Award for work that speeds up film data reduction

Two employees of the Data Reduction Branch in the NWC Range Department were singled out recently to receive the Technical Director Award for their major roles in the completion of an important piece of software engineering that has proved to have a major effect on the timeliness of film data reduction, in addition to cutting the cost of this work.

The latest recipients of the TD Award, which was presented by Bob Hillyer during the April 12 Commander's meeting, are James R. Manion, a mathematician, and Stephen J. Beattie, a computer scientist.

"We don't give enough recognition to the scientists, engineers and technicians who work on the ranges," Hillyer noted as he congratulated Manion and Beattie on their accomplishments.

With half as many people running the ranges as once was the case, data collection, handling and assessment is now much more efficient and less costly as well, Hillyer said.

Both men received an engraved paperweight, a letter of commendation, and a \$300 stipend that accompanies this special form of a Superior Achievement Award.

The new software system developed by Manion and Beattie for use with the HP 1000 computer enables the delivery of data to the test and evaluation Range Department customer in a matter of hours after the conduct of a test, compared to the former system that frequently took weeks.

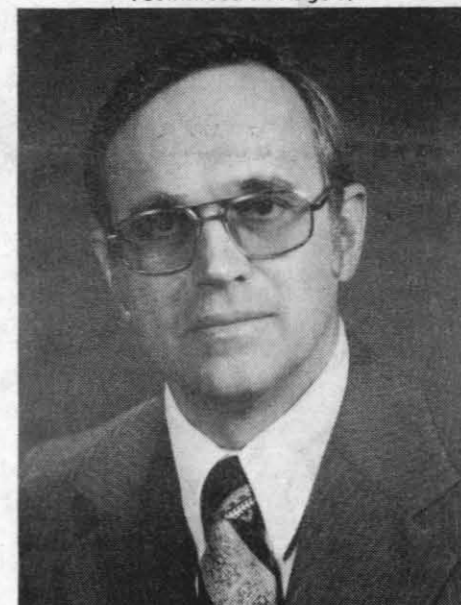
According to J. M. Dorgan, head of the Range Department's Data Reduction Branch, who nominated two of his employees for the Technical Director Award, the cost to customers will be reduced on the order of 50 percent (an estimated \$250,000 per year), while the value of much more timely data is immeasurable.

The TD Award recipients had the primary responsibility for creating a hard-

ware/software interface between antiquated film reading machines and a state-of-the-art minicomputer. Contained in it is a real-time quality assurance feature that insures the correct angle data will be included in the data base. Previously, days and even weeks went by before reading errors were discovered.

In engineering this project, Manion conducted an in-depth study of algorithms used to resolve camera angle information into trajectory data. His exhaustive verification and validation efforts were reported by Dorgan to be a "model of software engineering."

Beattie was responsible for most of the



Bob Hillyer

## First step completed in major upgrading of CLPP area bldgs.

Ribbon-cutting ceremonies last Monday at the Experimental 3-inch Line facilities at the China Lake Pilot Plant marked the accomplishment of the first major milestone in the Ordnance Systems Department's five-year plant-upgrading plan.

After Capt. Lahr cut the ribbon on Building 13060, he and Bob Hillyer were taken on a tour of that building and the adjoining area by Carl Schaniel, head of the Ordnance Systems Department.

Building 13060, the newly refurbished laboratory, and Building 13040, the associated office area, are among the oldest buildings still in use at China Lake, yet they are now equal or superior to any in structure, function, and appearance. This modernization has been accomplished at a relatively low cost and in a short time through locally controlled repair, alterations, and minor construction and improvement (MC&I) funds. Cost of the various contracts involved was about \$243,000.



**HAPPY OCCASION** — Clarence Renne takes a close look at the beryllium shears with which Carl Schaniel, head of the Ordnance Systems Department, is cutting the ribbon to denote that two buildings in the CLPP area have been completely rehabilitated, as Bob Hillyer and Capt. Lahr happily watch. Renne, who is now retired, worked on developing the initial plan for upgrading Code 32 facilities.





