

Jacoby On Bridge

| | |
|-----------------------|----------|
| NORTH (D) 25 | |
| ▲ J854 | ▲ A76 |
| ▲ A103 | ▲ 108876 |
| ▲ KQJ | ▲ A932 |
| WEST | EAST |
| ▲ 1093 | ▲ 2 |
| ▲ 3 | ▲ 108876 |
| ▲ A432 | ▲ A932 |
| ▲ 108754 | |
| SOUTH | |
| ▲ KQ2 | |
| ▲ KQJ87642 | |
| ▲ 5 | |
| ▲ 6 | |
| No one vulnerable | |
| North East South West | |
| 1 N.T. Pass 4 Pass | |
| 4 Pass Pass Pass | |
| Opening lead—♦ 10 | |

Gerber Aids Slam Play

By OSWALD JACOBY
Newspaper Enterprise Assn.
The experts complicate Blackwood by employing another convention known as Gerber along with it. Blackwood-Gerber players use four clubs as Gerber when it is apparent that they want to use four no-trump as a strong bid in no-trump.

Thus after any opening no-trump bid the immediate raise to four no-trump is just a raise. The immediate bid of four clubs asks for aces.

Gerber after a no-trump opening has another advantage over Blackwood. Sometimes you will want to sign off at game if your partner doesn't show enough aces for a slam.

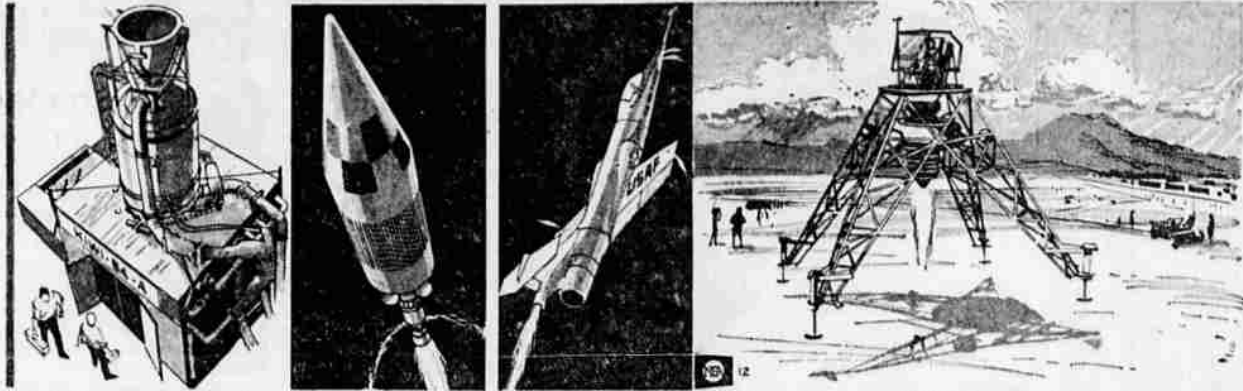
After North opens with one no-trump South wants to be in a small slam if North holds three aces and a grand slam if North holds all four of them and he has a perfect hand to ask for aces by Gerber. It is not a perfect hand for Blackwood because it is possible, although very improbable that North will only hold one ace in which case there will be no play for five odd.

This happens to be the case. North has a full 17 points for his opening no-trump, but he holds only one ace. He shows this by his four heart bid. He is a trifle surprised when he finds himself playing that contract, but everything is fine when he sees dummy.

For 64 pages of easy-to-understand bridge tips, order your copy of "Win at Bridge With Oswald Jacoby." Just send your name, address, and 59 cents to: Oswald Jacoby Reader Service, care this newspaper, P.O. Box 489, Dept. A, Radio City Station, New York 19, N.Y.

THE WIZARDS OF SPACE (12)

By Don Oakley and John Lane



Only the power of the atom will give men true mastery of space travel. The energy in one pound of uranium is equal to that in 10 million pounds of gasoline. Working to harness this stupendous energy is the Space Nuclear Propulsion Office (SNPO), a joint organization of National Aeronautics and Space Administration and the Atomic Energy Commission. Its headquarters are at Germantown, Md., with extensions at Lewis Research Center in Cleveland, Albuquerque, N.M., and at the Nuclear Rocket Development Station at Jackass Flats, Nev.

Name of the program is Rover. This project includes the Kiwi series of flightless reactors (first panel), the Nerva engine and RIFT (Reactor-in-Flight-Test), the Nerva flight vehicle. SNPO is also developing the SNAP reactors. Where the Kiwi reactor heats a light gas, such as hydrogen, and shoots it out the nozzle for propulsion, the Snap reactor generates electricity to run a small electric engine. SNAP-8 will be flight tested in 1965, but the first 100-foot-high RIFT with a Nerva engine (second panel)—considered to be the first true nuclear space engine—may not be launched until 1968 or later.

one of NASA's smaller installations—the Flight Research Center. This facility is responsible for the famed X-15 rocket research plane. The X-15, an NASA-Air Force-Navy program, will continue. In the meantime, the Air Force plans to use modified F-104 Starfighters (third panel) to train astronauts. A rocket booster will shove the planes up to 140,000 feet, above most of the atmosphere. Also at the Flight Research Center, Apollo astronauts will practice moon landings in an ungainly looking simulator (fourth panel). A jet engine will counteract five-sixths of the earth's gravity. The remaining sixth, equal to the moon's pull, will be handled by rockets.

Trimotor Plane Flight Described As Incredibly Painful

Editor's Note: UPI's aviation editor rode a restored Ford trimotor across the country last week in a re-enactment of TWA's first transcontinental flight from Los Angeles to Newark. The following dispatch gives him impressions of the trip back into time.

By ROBERT J. SERLING
UPI Aviation Editor
WASHINGTON (UPI)—All the way across the country, at every refueling stop, people kept asking me "What's it like to fly it?" "This is what it was like. Incredible physical discomfort from wicker seats that feel like iron spikes after one hour. Gasoline fumes reeking through the cabin until you reach cruising altitude and the primitive ventilation system—metal tubes sticking through the windows on one side of the plane—starts to work. No smoking in flight because

the gas tank runs smack through the center of the cabin ceiling. Engine noise so bad that normal conversation is impossible and your ears still ring hours after landing, plus vibration like that of a giant reducing machine. Hours of boredom on each flight segment, culminating in such massive fatigue, that you pray for a refueling stop. Dehision Of Courage

This was air travel 33 years ago—and the only salve for the physical torture is the feeling that you're being awfully brave. Eventually, the worse you feel, the delusion of raw courage becomes so sharp that you want to strut when you get off at every stop and you see the photographers. But for every ache and for every hour of lost sleep to make 5 a.m. departures, there are magnificent memories. The Ford mechanic in Parker, Ariz., who wouldn't take any

money for fixing an oil leak because he said he had worked on trimotors in Detroit years ago. The ramp agent in Amarillo who shook his head in utter disbelief and said: "I knew TWA was having financial troubles but this is ridiculous." The first time we saw our pilot nonchalantly open a cockpit side window, reach forward with a rag and clean the front windshield—at 4,000 feet doing about 85 miles per hour.

The disconcerting occasion when we saw automobiles on a Kansas superhighway below going faster than we were. Sign Below Throtilles The little sign just below the throtilles in the cockpit that read "Intentional Spinning Prohibited." A TWA hostess in Pittsburgh who got off a Convair 440 jet, walked over to the trimotor and asked in complete innocence: "Does it fly?"

The way the nose came up three feet every time somebody walked toward the tail and down three feet if anyone approached the cockpit. The comradeship and friendship that grew among the five passengers who stuck with the trip all the way—sharing mutual misery and laughs in equal proportions. TWA staged this re-enactment of the first transcontinental flight to dramatize aviation's progress.

RECORD WINNER
The men's senior singles tennis title was won a record seven times by J. Gilbert Hall, whose championships were consecutive from 1944 through 1950. ASTERS & SNAP DRAGONS
Dozen — 50c
Many Other Plants
207 E. Main

Contracts Awarded In Paisley Grazing Unit

LAKEVIEW—With the awarding of contracts for the four major phases of the emergency rehabilitation program on the Paisley grazing unit, work will begin on the project in the near future, according to George Lea, district manager of the Bureau of Land Management.

The project includes 14,000 acres of reseeding, 55 miles of fencing, construction of 10 reservoirs, and drilling of five wells. It will be financed by the allocation of \$165,000 of federal funds from the Accelerated Public Works program.

Lea reports that sage and rabbit brush on the acreage has already been sprayed, and the seeding will be done by drilling directly into the dead brush.

The contract for 5,000 acres on Paisley Flat was awarded to W. L. Van Winkle of Vale at \$1.70 per acre. The reseeding of 7,000 acres on Coleman Flat and 2,000 acres on Poverty Basin will be done by a contractor from Frenchglen at \$1.49 per acre. The seed and brushland drills for the work will be furnished by the BLM. The materials for fencing also will be furnished by the BLM.

At Paisley Flat, 13 miles of fence will divide the area into four pastures. The contract went to Ted Sandberg of Klamath Falls at \$150 per acre. R. E. Woodward got the job of fencing 22 miles at Coleman Flat to divide

the area into three pastures at \$224 per mile. At Sheep Rim, 20 miles of fence will be built along the boundary between the Paisley and Christmas Valley grazing units. The contract was awarded to Roy Travis of Burns at \$300 per mile.

W. E. Majors of the Majors Drilling Company, Central Point, got the contract for the drilling of wells at \$6.99 per foot and \$3.49 per foot for casing. Three wells to serve the four pastures at Paisley are expected to be from 100 to 200 feet deep. Two wells to serve the three pastures at Coleman Flat are expected to be from 200 to 300 feet deep.

Ten reservoirs, involving about 70,000 cubic yards of earth moving, will be located in the area of Wildcat and Diablo mountains to open a large grazing area that was not previously available due to lack of water. Van Winkle of Vale was the successful bidder at prices ranging from 22 cents to 30 cents per cubic yard, depending on location and terrain.

Auxiliaries Set Officers

MOUNT SHASTA — The American Legion Post Auxiliary, at a joint meeting in Weed of the Dunsmuir, McCloud, Weed and Mount Shasta Units, installed Mrs. Rilla Peterson as president. Mrs. Rosina Murray, district president, was the installing officer.

Other Mount Shasta officers, who conducted their first meeting of the new year on June 20, are Mrs. Barbara Simcox, first vice president; Mrs. Relta Bassett, second vice president; Mrs. Sylvia Sehorn, secretary; Mrs. Petrie Fitzgerald, treasurer; Mrs. Alice Codomo, chaplain; Mrs. June Fitzgerald, historian; Mrs. Amie Moon, sergeant-at-arms; Mrs. Margaret Googins, marshal.

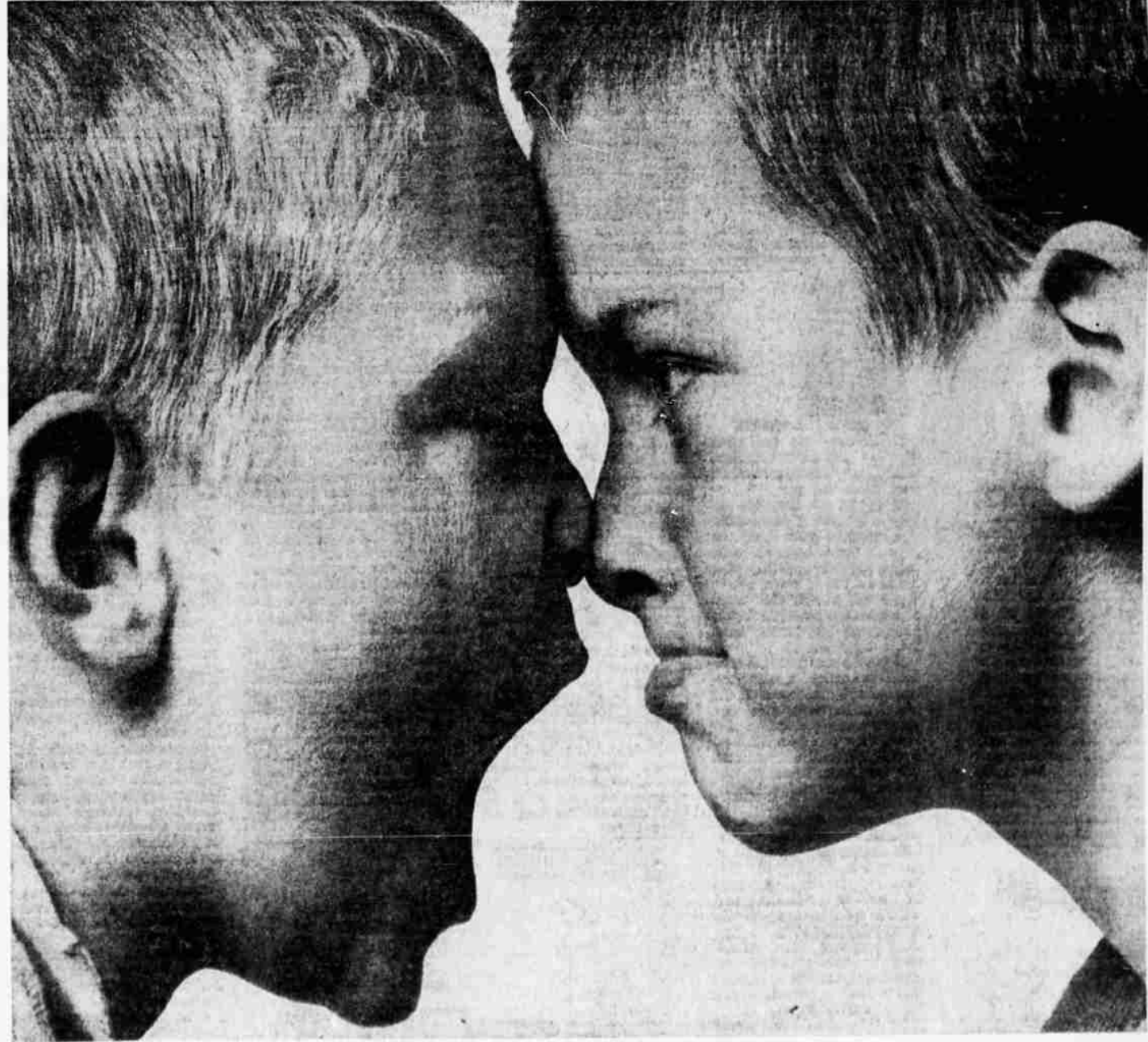
A dutch lunch refreshment table was set up for the installation program held in St. Michael's Hall.

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CARD Sense

Q—The bidding has been:

| | | | |
|--------|------|--------|------|
| South | West | North | East |
| 1♠ | Pass | 1♦ | Pass |
| 2 N.T. | Pass | 3♦ | Pass |
| 3♠ | Pass | 4♦ | Pass |
| 4♦ | Pass | 4 N.T. | Pass |
| 5♥ | Pass | 6 N.T. | Pass |

You, South, hold:
▲ A Q 6 5 ♥ K J 2 ♦ A Q 2 ♠ A 6 5
What do you do?
A—Pass. Your partner has placed the contract where he wants it.

TODAY'S QUESTION
Instead of bidding three diamonds over your two no-trump your partner has bid three spades. What do you do?
Answer Tomorrow

Bonanza Troop Visits Museum

BONANZA — Bonanza Brownie Troop No. 2, led by Mrs. Howard Schmidt and Mrs. Hugh Lee, held an all-day meeting on June 8. The girls met at Bonanza Park and hiked to the Glasgow Museum. After their visit, they hiked up the hill in back of Bonanza and went to the park to cook hamburgers. Later the troop assembled at the home of Mrs. Ivan Bold to make 13 sit-upons and divided into units to present three skits. Following the program, the meeting was adjourned with the troop singing "Taps."

Russia Suspects Cuban Loyalty

WASHINGTON (UPI)—An anti-Castro publication has reported that Soviet military commanders are disarming Cuban militiamen to prevent an anti-Communist uprising. Free Cuba News, published by the Citizens Committee for a Free Cuba, quoted refugee sources that the Russians suspect the loyalty of most militiamen.

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