Aerospace and Southern California Culture

Peter Westwick
Al Hibbs, at center with Explorer 1 model
Boys Quit Reno While Ahead $8,000

RENO, Nev. — (UP) — The Rover boys of the roulette wheel, two ex-Chicago university students who plunged their $300 savings on a "system," decided yesterday not to buck Lady Luck further and get out while they still had $8,000 in winnings.

Albert Hibbs, a mathematics master from Chillicothe, O., and Roy Walford of San Diego, announced they were heeding the advice of Columnist Billy Rose and would leave Reno "while they still have carfare home."

For amateurs, they didn't do bad in two weeks in this gambling city. They parlayed their $300 to $8,300 at two casinos before their "progressive parlay" betting system bowed to the inevitable laws of chance and started losing.

They won $6,000 in 40 hours at the Palace club playing the number 21 after logging the wheel to find out what number it favored the most. Then they went to Harold's club and jotted down numbers there until they thought they "had it." Sixty hours play over three days brought them a net of $2,300.

Since they each worked the wheels half the time, they each took out a net of $4,000. They thus were paid $80 an hour for their "work" at the wheel.

Veteran gamblers grunted and proclaimed it "pure luck," insisting "there's no such thing as a roulette system."

The pair of ex-students, both serious looking, had announced they wanted to make enough to buy a small yacht to explore the Caribbean and Central American areas studying tropical diseases.

Walford said they would go to San Diego to spend Thanksgiving with his family.

After that — maybe Las Vegas or Reno again. They pondered the offer of Harold Smith, Harold's club manager, who offered to let them "take a million bucks off me" if they could with their
April 10-17

DR. ALBERT R. HIBBS OF EXPLORING

TV CHICAGO DAILY NEWS
Convair Astronautics, by William Pereira
Piotr Kowalski
Jim Blinn
Wooden surfboard, 1930s

Source: Popular mechanics (July 1937).
Bob Simmons, late 1940s
Hugh Bradner (inventor of the wetsuit) at Caltech pool
WIND SURFING--A NEW CONCEPT IN SAILING

James R. Drake
The RAND Corporation, Santa Monica, California

This paper was presented at the first AIAA Technical Symposium on Sailboat design, Los Angeles, California, on April 26, 1969.

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CONTROL FORCES

Stable sail position

Sail dips forward, board falls off the wind.

Sail dips aft, board comes up into the wind.

Figure 3
POWELL and PERALTA get it together!

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