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The rodeo, the third for

(Kansas, North and South

Dakóta, Iowa, Wisconsin and Nebraska), is the primary

fund-raising project of the ro-

deo club, with over 100 ac-

tive members selling adver-

## -Second largest indoors-Olympic -Bob Feller, Igor Sikorsky agree-10th annual rodeo The curve ball: yes, it really does mat trials planned for May set for ISU

By Charlie Green (Editor's note: Charlie is a veteran relief pitcher for the Nebraska baseball team and a senior in the School of Journalism. This is a technical report he did for a journalism class.)

Can a human being actually make a baseball curve? Igor Sikorvsky, internationally famous expert on aerodynamics, has seemingly ended the century-old dispute with a positive answer.

In the earely 1870's, two major controversies stormed in the world of sports. It was California's Gov. Leland Stan-ford who, in 1878, collected a \$50,000 bet by proving that all four feet of a galloping horse are off the ground at the same time. The other controversy over the curve ball still rages today after nearly a century of scientific debate

## **Magazines** disagree

Two of the most recent tests of the curve ball dispute were made by two national

that its studies "raised once standby of baseball is after ball actually does curve." Ernest Lowry, an outspoken

boys have been misled on the pitches actually do curve."

whether



Feller says yes				
в	ob Fe	eller,	forme	er pitcher
for	the	Clev	eland	Indians,

sures. Since the entire pitch | away from the plate throughtook less than 1-12 seconds, out its flight; but the batter the rate of rotation was seen because he views the flight to be about five revolutions at an angle, cannot discern tory is possible when Iowa for the pitch, or about 600 this. per minute

The engineers then knew much spin a human all four seams meet the wind how could put on a pitched baseball but they still had to find the nearest thing to a "Jugout whether that was enough to make it curve.

## Wind tunnel test

Using officail National and American League balls, Sikorsky put them on a slender spike connected to the does curve but the batter shaft of a small motor. Dur-ing the next "standby time" of the pitch, experiences the between aircraft tests, the optical illusion that the ball balls were inserted into a curves more radically than it wind tunnel and rotated by the motor at speeds from zero to 1,200 revolutions per minute.

The motor was mounted on delicately-balanced scale balanced scale scheduled which measured the direction and force of all pressures brought on the balls. The by forward speeds of the air moving through the tunnel

as 19 inches.

does.

Chess

Ames, Iowa - The biggest wrestling invasion in its his-State holds the final Olympic 4. The pitcher who learns mat trials May 9-14.

to release the balll so that Those are the dates that all qualifiers - and possibly a each time it rotates will have few others - assemble in Ames to get down to the task handled" curve. If he can ot making the United States Olympic team. If all district meets were held and all qualthrow a ball over 80 m.p.h with a spin of 600 revolutions per minute a pitcher can ifiers arrive at Iowa State. the make the ball curve as much total could reach 424. Add to this number the men who are Sikorsky, then, has concluded that the curve ball because of his angular view

The latter grouping is possible because a top performer might have been sick or injured, and therefore unable to get to a district meet. It is the intention of the Olympic wrestling committee to have the best men available for the

The top two or three men Mexico City. A series of

the teams which will represent the United States. Season tickets for the final trials at Iowa State are on sale at the business office in the Athletic Department. Only season tickets, which are the only reserved seats to be sold,

ticket price is \$10.



The University's 10th annu-| the national championship fial rodeo, the state's second largest indoors, is being pre-be vying for over \$1700 of pared for May 3 and 4 presentations at the State Fair trophies and awards.

Grounds Coliseum by the University Rodeo Club. accort- the Great Plains Region ing to Tom Cunningham, president

The yearly event, previously attended by 7,500 or more rodeo enthusiasts, has betion because of the uniqueness tisements and promoting the come a popular area attracof the events and because of

outstanding wrestlers but who were unable to qualify for the meet and the total could move up toward the 450 mark. The latter grouping is pos-Such events as the girls tige of the rodeo. pajama game supplement the The call has n

The call has now been givroping, dogging and riding, en for girls of the University all of which are open to en- to apply as queen candidates. trants who meet general Uni- Organized living units or inversity participation require- terested individuals are being urged to select their rements

Nebraska has much at presentative who will be genstake in the upcoming compe- erally interviewed April 26 coming from the final trials tition, for Chip Whitaker and followed by a horsemanship at Iowa State will report to John Sennett rank first and contest April 28. The queen Adams State in Alamosa, Colo., about three weeks be-fore the Olympic meet in State in Alamosa, ging in the Great Plains Re-ing the first show on Friday evening.

