

Scientist Hoeppner Says

7.2 Wasn't Considered Weapon

By DAVE KNAPP

Staff Writer

of the German scientists involved in the development of the V-2 rocket considered it mainly as a weapon when it was built.

HOEPPNER WORKED for a while as a civil engineer. Then he went to work for the IBM Corp. in 1956 with von Braun who was working on the Army missile program in Huntsville, Ala.

In 1954, he came to this country at the request of Dornberger who was working at Bell Aircraft in Buffalo, N.Y.

It was the opinion of Dr. Hoeppner, a scientist who worked on the rocket.

Presently with the Astronautics Division, Corp. Missiles Division, Hoeppner was on campus before recently gave a lecture on Mechanical Engineering.

During an interview with the News, Hoeppner said:

"We worked on the V-2, and we were actively engaged in the development of the V-2, and we considered it as a weapon, but it was going to be used for its purpose, but we were never concerned with its use in the development."

He added, "Some of us were very angry at the military contracts being placed upon rocket."

However, now I'm a little older, perhaps more realistic, and since that, unfortunately, this is about the only way to get paid for this type of scientific work," he said.

Hoeppner said the scientists usually too busy at the V-2 project to talk about the future of the rocket.

He added that it is now known that Fritz Strassmann, Lisa Meitner and Otto Hahn discovered the fission in Germany during the war.

There was a German atomic development by 1946.

The three men most instrumental in the work on the V-2 were professor Hermann Oberth, Peter Von Braun and General Dornberger.

The major part of the project started at Peenemuende research center on the Baltic Sea.

This was started in 1936 and ended in 1942. The V-2 went into mass production about the year it was finished.

AFTER HIS work on the V-2 was completed, Hoeppner went to work on aircraft development with the Messerschmitt Co.

Messerschmitt was working on new types of aircraft at that time. There were the Me-262 turbo fighter, and the Me-162 jet-powered fighter.

The Me-262 was the first turbo-fighter to go into mass production. The design was finished approximately 1940, and the plane went into mass production.

At the end of the war, the Me-162 was produced at the rate of 1000 a month.

It could fly at a speed exceeding 500 miles an hour and could reach a maximum altitude of 30,000 feet.

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However, the Komet utilized a vertical ascent, attacking aircraft during both the ascent and descent. Three bombers were shot down during the flight of one of these planes.

Hoeppner said that the Komet could reach a speed of Mach 0.85 with their power. (Mach denotes the speed of sound in relation to an aircraft, about 600 miles an hour at 30,000 feet.)

THE KOMET could have theoretically broken the speed of sound, but the plane's structure did not have withstand the stress.

The plane was designed like a glider because of its rapid fuel consumption, and usually landed short power. Even with its engine not operating, the Komet sometimes landed with a speed of 10 miles an hour.

Depending on favorable conditions, the plane could reach an altitude of 10 miles.

Financially, Professor A. M. Lipsey, designer of the Komet, was reported designing heat boats,

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Wrestlers, Swimmers Capture Meets

Grapplers Edge Purdue And Maul Bowling Green

By RICHARD ZEMMIN
State News Sports Writer

Michigan State's powerful wrestling team continued along the unbeaten trail, knocking off Purdue, 22-13, and Bowling Green, 30-7, Saturday afternoon in a double dual meet at Lafayette, Ind.

The Spartan matmen, having forfeited the 115-lb. class to Bob Johnson due to Okie Johnson's injury, easily disposed of Bowling Green, but had a few shaky moments with the Belmakers.

MSU's George Hobbs, Jerry Mike, Norm Young, John McCay, Merle Preble, and Mike Seng each won twice in the meet. Hobbs, Young, and Sparke Duane Wolfert scored the points of the day.

STATE WON fourteen matches and achieved two draws in the process of picking up its two victories. Purdue took two matches and the 115-lb. forfeit, while the overclass Falcons of Bowling Green could not win a single match. Their seven points came on the forfeit and a draw in the 147-lb. class.

In the Purdue meet, the first of the afternoon for the Spartans, 125-lb. George Hobbs won the first of three State falls when he pinned Rod Sette in the second period.

Then Spartans Jerry Hobbs, 130-lb., and Norm Young followed soon their matmen in decisions, 3-2 and 11-6, respectively.

With MSU leading 11-3, Purdue closed the gap. Unbeaten Belmakers Don Faith edges Johnson, Dave Smith, 2-1, in the 147-lb. class, Spartan Duane Wolfert was held to a draw, while Dave Gibson in the 157-lb. class, and Purdue's Bob Marshall overpowered Alex Valcarcel, 6-6, in the 167-lb. class.

The teams entered the last five matches tied 13-13. MSU emerged victorious, winning all decisions.

JOHN MCCAY (177-lb.) pinned his opponent, Alpha Sigma Phi, 4-2. Mike Preble (191 lbs.) scored a pinfall in the last seconds of the second quarter. Parade, 130, 3-1, and heavyweight Mike Seng, using a different approach, won on a series of holds in the afternoon, against Bowling Green, the Spartans played the same script, but came through with much more ease. After giving the Falcons five points in the 115-lb. class, State was on winning nine matches, except for a 1-1 draw between 147-lb. Dave Smith and E.G. Jim Hoppel.

MSU's George Hobbs and Jerry Hobbs decisioned their opponents, 8-0 and 3-1. Norm Young and Duane Wolfert pinned Belmakers' George Marshall and Pat Rosselli in their 167-lb. and 177-lb. classes, respectively. Duane Wolfert led the team 13-3 and rolling decisions with 14-4.

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MSU Basketball Crew Encounters Illini Five

Michigan State's battered basketball crew rested over the weekend for its battle with Illinois tonight at Champaign. Game time is 9 p.m.

The score wasn't indicative of the closeness of some events.

"Of course, Shaar's time was tremendous, but let's not overlook the performances of Blazek, Blazewski and Stewart."

"We tried to switch our men around to give them an opportunity to score points and to experiment for future meets," he said, "and I am generally pretty satisfied."

This summer, Journey to Michigan Saturday to face Illinois on Friday, Feb. 10, against the Spartans' next home meet.

A loss would knock them

out of the Big Ten race.

A pool record was set by the men's relay team of Jeff Matteson, B.T. Singleton, Tom McLaughlin, Bill Stewart, but

Illinois' George Mathews

beat the Spartans' 3-504, also setting a new dual meet record.

The other relay record came

when Jim Blazewski set his fastest time in the 400-yard freestyle, 4:33.2.

Dick Blazewski turned in

his best times and set a new

pool record while winning

the 200-yard freestyle in 2:08.6.

LARRY JONES broke the men's 100-yard butterfly record, taking both the 50 and 100-yard freestyle events.

MSU's other individual victor

ies were George Mathews,

Hal Wood won the 200-yard individual medley, Dan Jameson and Mel Hackett notched their first victory victories in the 200-yard backstroke and 200-yard breaststroke, respectively.

The Spartans' final victory

came in the 400-yard relay of Rob Schwartz, Mattson, Shaar and Mike Uzgarn swam to an easy victory.

PURDUE'S lone victory was registered in the 3-meter diving event. John Nigell beat State's John Williams, who had his best afternoon of diving by keeping the ball out of their end of the floor.

Final scores were: Michigan State, 9; Alpha Sigma Phi, 7; Illinois, 5; and Purdue, 4.

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Michigan State's battered basketball crew rested over the weekend for its battle with Illinois tonight at Champaign. Game time is 9 p.m.

The Spartans' next home meet

is against Illinois Saturday to face Illinois on Friday night.

Illinois probably has a 1-2 conference record, as it is 1-1 in MSU's 1-5. A win for the Spartans would put them in seventh position ahead of Illinois. A loss would knock them

even closer to the cellar dwelling Michigan squad, which has yet to win a conference game.

The Spartans should have the services of Jack Lamers, sophomore forward, who has been out of action since the Michigan game with a bruised shoulder. Lamers return should bolster the team at the forward position, since in recent contests, Hal Blazewski, a 6'0" guard, has been forced to play that position.

On Saturday, while the Spartans were idle, Illinois blasted No. 10, 15-9, in a non-conference contest.

The Illini are listed 14th in the Big Ten, and have won eight of the contests. State won a thriller last year, 78-77, and also dropped one to Illinois, 79-78.

The game will be broadcast over WKAH and WJIM.

THE SECOND period of play

found Minnesota tying the score on goals by Larry Smith and Jerry Westby.

The Spartans ran out of gas in the third stanza as the Gophers rallied for three goals by outscoring the Spartans all the way to make the final tally 5-2.

In the opening period of Saturday's contest, the Gophers went out front early. Bob Davie came through with two goals at 11:16 and 13:30 to keep the Spartans in the running 2-2.

MINNESOTA broke the tie in

the second period on three goals

scored by Dick Alm, Gary Schmidbauer, of the Poly

team, and Dave Brooks. The

last two goals of the period

were scored by Jim Hoppel.

All contestants must attend

the meeting. At 7:30 the

Spartans will begin.

The game will be broadcast

over WKAH and WJIM.

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