

Big 10 Has Many Stars; Illinois Outstanding Team

By LARRY ROTH

Perennial gym power Illinois was NCAA co-champion in 1958 and runner-up to Penn State last year.

And once again the Illini have established themselves as prime contenders for national honors by capturing their 11th straight Big Ten title.

Led by bespectacled Ray Hadley, who scored nearly half their points, the Illini edged Minnesota and Michigan State for team honors in this year's Big Ten meet.

Hadley, a muscular sophomore, won the all-around with 533.75 points and the free exercise with 92.5. He added a pair of thirds on the high bar and parallel bars, and fourths on the side horse and still rings to account for 52 of his team's 115 points.

Besides Hadley, the meet was dotted with other outstanding performers who'll be seeking individual laurels this weekend in the NCAA gym tourney at Rec Hall.

Iowa's Larry Snyder was the only other double winner in the Big Ten get-together. Runner-up in last year's nationals on the trampoline, Snyder won his specialty with a 93 and added the tumbling crown with the same score.

Stan Tarshis of Michigan State won the high bar for the second straight year. The defending national champion in this event, Tarshis scored 93 to beat Minnesota's Duane Hoecherl who posted a 91.5.

Hoecherl won the p-bars with 94 and finished second in the all-around. In last year's nationals Hoecherl was seventh in the all-around, fifth on the p-bars, sixth on the high bar, and ninth on the still rings.

Iowa's Bill Buck, runner-up on both the side horse and parallel bars in last year's NCAA tourney, won the Big Ten side horse title with 95.5 and finished with a 93 on the p-bars.

Illinois Captain Pat Bird won the still rings with 95.5 while Minnesota's Bob Schwartzkopf took second with 93.5. Bird also posted an 87.5 for sixth on the p-bars.

Besides Bird and Hadley, Illi-

Weatherman Threatens Spring Drills

All Rip Engle needs is a little cooperation from the weatherman and his Penn State football team can start spring drills right on schedule Saturday.

"We're all ready," the Ripper said yesterday in his Rec Hall office, "but the weather is the big factor. Right now we're not sure if we'll start this weekend or not. I'm going to hold off on a decision until the end of the week when we see what it's like outside."

"If we don't start this weekend, we'll probably begin the following Saturday."

Under NCAA rules a team is allowed 20 days for spring practice and Engle usually holds practice every other day depending on the weather.

Spring drills are scheduled to end April 30 with the annual Blue-White game.

GRID NOTES—Engle's role as president of the football coaches' association is keeping him plenty busy these days . . . Right now his main project is the

(Continued on page twelve)



LARRY SNYDER . . . Iowa gym threat

nois Coach Charlie Pond has a few others who are capable of scoring points in the nationals.

John Salter and Henry Klausman placed sixth and seventh in the all-around, respectively. Salter also tied for fourth on the high bar and placed seventh on the side horse with 92, and Al Barasch placed seventh in tumbling and the trampoline.

New Coach

Doug Frey, a member of Penn State's 1953 National Intercollegiate championship wrestling team, is the newly-appointed wrestling coach at Drexel Institute. In 1954, Frey ranked fifth nationally in the 137-pound class.

IM Wrestling, Handball

All entries for IM wrestling and handball doubles are due by 4:30 today in the IM office in Rec Hall.

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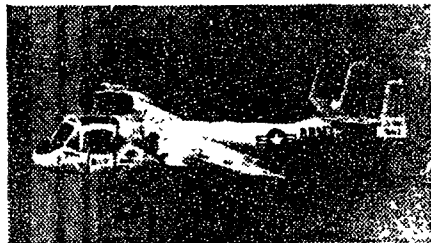


COMING MARCH 14-18

Examine the "Mix"

AT GRUMMAN AIRCRAFT

The Defense Department policy of relying on a "WEAPONS MIX" as the best war deterrent is reflected at Grumman. The company has always abided by this concept by putting its corporate effort into many diversified projects, both military and commercial. It is precisely this "COMPANY MIX" that is creating a wealth of engineering opportunities.



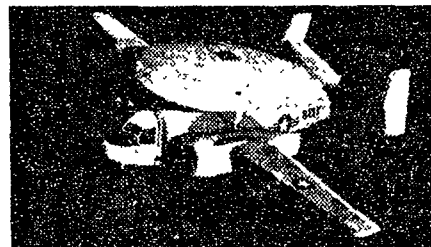
MOHAWK, a new observation plane on which production began in 1959—Grumman's first Army airplane—is designed to operate from small unimproved fields and will be used for purposes of tactical observation. Featuring a 59-knot stall speed and relatively the same short take-off and landing (STOL) capabilities as the Army's present light-weight single-engine airplanes, the Mohawk will be able to virtually "live" with the Army in the field.



ANTI-SUBMARINE WARFARE The award to Grumman by the U. S. Navy of a contract for a new anti-submarine airplane, the S2F-3, is the result of an intensified effort on the part of our Anti-Submarine Warfare development team (ASW). The S2F-3 was designed to combat what may well be considered to be the free world's greatest menace . . . the submarine!



COMMERCIAL AVIATION—THE GULFSTREAM Grumman's new prop-jet business transport. The Gulfstream marks the return of Grumman to commercial aviation. This 350-mile-an-hour pressurized aircraft, now in full-scale production, has been ordered by many of the nation's leading corporations.



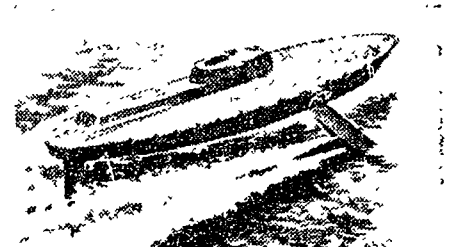
EARLY WARNING An early warning airplane serves as an "electronic fence" for the Navy. Designed to operate from aircraft carriers far at sea, the plane patrols the extremes of defense perimeters to detect impending attacks by enemy air and sea forces. Carrying detection gear in a huge saucer-like radome atop its fuselage, the early-warning plane identifies approaching "strikes" and relays data to task force Combat Information Centers for the immediate dispatch of defensive fighters or missile units.



MISSILE & SPACE TECHNOLOGY

The Navy Department selected the Bendix Aviation-Grumman Aircraft proposal as the winning design, in a sixteen-company competition, for its new long-range air-to-air guided missile, The Eagle. The Eagle will equip the Navy with a new generation of air-to-air missile capabilities.

Top design engineers and research scientists are studying a wide range of problems connected with space and its exploration to meet the challenges which stand somewhere between the present and the realization of a true space age.



HYDROFOIL SEACRAFT A contract to design a high-speed hydrofoil-equipped vessel suitable for operation on the open seas has been awarded Grumman Aircraft Engineering Corporation by the Maritime Administration. The feasibility of employing hydrofoils to increase ocean transportation speed and comfort has been recently established by a Grumman Study. The study's results showed that hydrofoil craft were well-suited to a wide range of high-seas operations.

Our representative will interview Engineering Degree Candidates majoring in aeronautical, mechanical, electrical or civil engineering, math or physics on April 5

Contact your Placement Bureau.



If this date is not convenient, send your resume to the attention of Mr. H. E. Anderson, Dept. GR-300.

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

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IM Results

IM HANDBALL

Calebotta, Phi Delta Theta beat Bullock, DTD, 21-3, 21-4
Robinson, AZ beat McKay, Pi Kappa Phi, 21-1, 21-5
Hammond, DU beat Farris, Beta Theta Pi, 21-5, 13-21, 21-18
Bush, Triangle beat Washko, Delta Sigma Phi, 21-3, 21-17
Foster, TKE beat Steinman, ZBT, 21-12, 21-8
Landau, Beta Sigma Rho beat Packard, ATO, 21-16 17-21, 21-18
Burber, Beta Theta Pi beat Griffith, Sigma Nu, 21-7, 21-4

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