Aero Builds Torque Stand

By Jack Schearer

Enabling aero students to record the torque and test the brake horsepower of airplane motors, the torque stand recently constructed by freshmen aero students will play an important part in training Polytechnic student engineers for use in defense industry.

The stand is also used for tests required before an engine can be installed in a certified aircraft.

The engine being tested is placed on the stand and is run under specified conditions. The torque is a resultant force of the clockwise motion of the propeller rotating on or about the engine crankshaft.

The force is transferred through the torque tube supported at the front and by roller bearings, and the rear with ball bearings. The torque is transferred from the tube to row arms on which are given the numbers of horse power and cylinder attachment. The force on the pinion is recorded by a column of mercury. The measurements when calculated give the brake horse power of the engine which has been subjected to test.

The stand can accommodate any type of engine. The front plate was so designed to be able to hold an engine up to 450 horsepower. It was designed by Roy Metz, aeronautical engineering student, and Mr. McKeifer, former drafting teacher.

Ted Offeman, C.S.A., inspector, was here Wednesday attending the polytechnic and visiting the aeronautics laboratories. He viewed the latest equipment in the campus shop and stressed the importance of having such equipment available to students. Spark plugs happen to be one of the weak points in the aircraft engines of today.

El Mustang
Volume IV, Number 19

Friday, February 27, 1942

Supervisors of Smith-Hughes ag. vocational courses in high schools throughout the state will attend a special meeting here Tuesday night to discuss plans for visits to high schools where agricultural courses are given in Polytechnic schools.

The meeting will be in the A. C. auditorium for a general discussion. Supervisors from different departments of the school, of course, will be in attendance. The morning period will be spent in conference and at the end of that period the plans for the visitation program will be outlined. The meeting is expected to last about five hours and will be preceded by a general discussion of the work being done in the departments.

The meeting will be held in the J. C. room of the cafeteria, at which time Vernon H. Rodham, in charge of the high school extension department, will present a program for a new building for that purpose.

The day will be concluded with a special dance at the cafeteria. President Julian A. McKeifer has promised that the dance will be held on the night of "Looking Ahead—We've Got a Job to Do!" This will be followed by an informal meeting of the students of Polytechnic and Rodgers Goodrich Vitas Punckin Center. The dance will be given by the Varsity Quartet and the four Colonnels.

A special luncheon program will be held in the J. C. room of the cafeteria, at which time Vernon H. Rodham, in charge of the high school extension department, will present a program for a new building for that purpose.

This Little Pig Isn't Going To Market, He Likes It At Poly, Tells All About Porken Life In Pig Pen; What He Thinks Of Students

By Bucfield Farmer

It was dark yet when I heard the loud clumping of hoofs and the grunt of a very large individual with the biggest hands I ever saw, picked up me from the engine, which was pulled into the engine house since arriving two days ago, and after some back yarding, we were able to get the engine started. As far as I know there is no such thing as an engine with 200 horsepower.

The stand is a civilian prisoner of war, which little short puppy they call a farm yard hog. I am the farm yard hog and am only about a foot tall. He was brought in at the harbor on January 10, 1942. He was a committee from the SAC department in this city that made this decision. The California Department of Agriculture and the Department of Education have agreed to set up a program to give agricultural students in high schools an opportunity to observe the living conditions of agricultural students. The program is called "The Porken Project." It is being held at a high school in this city.

Well, here comes the other big shot. I am the farm yard hog and am only about a foot tall. He was brought in at the harbor on January 10, 1942. He was a committee from the SAC department in this city that made this decision. The California Department of Agriculture and the Department of Education have agreed to set up a program to give agricultural students in high schools an opportunity to observe the living conditions of agricultural students. The program is called "The Porken Project." It is being held at a high school in this city.

Bill Reddieck

In a recent letter to Dr. A. M. Egan, registrar, answered, "The present office to register and sec- curity classes, report, directory and registration cards. At this time a copy of the student's schedule will be given to the student."

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EL MUSTANG
THE CALIFORNIA POLYTECHNIC
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CONSIDER THE WORKING STUDENT

Before deciding upon the proposed Saturday morning classes during the spring quarter, it is our hope that those in authority will take into serious consideration the effect it will have on the student who is working his way through school.

This year here are many students here who are partly, and in some cases, wholly earning the money necessary to pay their living expenses, etc., to attend California Polytechnic. These students depend greatly on utilizing the whole school. "These students are the ones who would benefit the most if the quarter would be one week shorter. However, it is beyond our vision to see how this would be of much benefit to the student body as a whole.

Upon entering this institution we understood that this was not a school for plutocrats, but one where students working their way through school are already the ones who are getting the most out of their college education. It would seem unfair that for the convenience of some who would desire to be through with school to only a week.

Inconvenienced. Especially when the time saved would amount to only a week.

The movies will be used for publicity purposes. In addition, many of these dairy boys employment, these ticket sales will go the Emerson, five tube, A. C. C. radio. Complete with installation and antenna wires, and encased in an attractive cream-colored bakelite cabinet, this dandy little model is just the thing for your room and will add greatly to the decoration of the student premises. This radio can be seen on display in the student store, anytime between now and April 16. Don't fail to call the store which will enable you to win this prize worth many times the price of a single ticket. And remember the more tickets you buy, the more chances you have to win.

(Whew! I wonder if Fuller brushes need a good salesman?)

Your proxy would also like to remind you that the Dairy club is still in operation. The envelope on the envelope this spring quarter.

And of course we know Nelsen, Park, Schaffer, "Little Joe," and all of the rest of the lower units will be there. They come to all of our dances. Oh yeah? I don't know whether I'll be able to be there or not. By the time these wallflowers get through with me after reading this, I'll have to drag myself there on crutches. Do you know I can depend on Eddie Jauch to be there. Leave your knife home and come on out and awing an
to be there. Leave your knife home and come on out and awing an.<

There's lots of fun to be had among your fellow who wanted to work his way through school would be an opportunity to do so. For this reason we seriously object to Saturday classes.

Sincerely,

John Nickelides.

Don Woods.

Letters to the Editor

Dear Sir:

I, being a gentleman, cannot type what I think of you. Of course we know Hill, Nartuck, Parks, Schaffer, "Little Joe," and all of the rest of the lower units will be there. They come to all of our dances. Oh yeah? I don't know whether I'll be able to be there or not. By the time these wallflowers get through with me after reading this, I'll have to drag myself there on crutches. Do you know I can depend on Eddie Jauch to be there. Leave your knife home and come on out and awing an<

You. Well, that's all for this week.

A fiery tempered Southern gentleman wrote the following letter:

"Sir, my stenographer, being in and about, and looking over a picturesque bridge that  comes to all of our dances. Oh yeah? I don't know whether I'll be able to be there or not. By the time these wallflowers get through with me after reading this, I'll have to drag myself there on crutches. Do you know I can depend on Eddie Jauch to be there. Leave your knife home and come on out and awing an<

Bennie the Barber

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The Mustang, Friday, February 27, 1942.
Three Dairy Boys Win Battles in Great Fun Nite Show Wednesday

Bob Provost, 175 pound El Cen­
tro boy, outdistanced George Santos, 180 pound slasher from Hughson, to win the main event as the Block P club presented its second Fun Nite for the present school year yesterday.

The book was a slasher against a boxer, with the boxer getting the nod from the judge. Santos played his usual game of clinching as usual.

TWO KNOCKOUTS

Nearest thing to a knockout came when Joe Oliphant, 140 pound Satherfield slasher, connected with Real Reel, NYA youth, with a right-left cross to put the NYA boy down for the count. Oliphant scored a knockdown a second time in this scrap, but Reel bounced back on his feet and re­sumed slugging before a count could be started. The Satherfield fighter took the decision.

Outstanding from an entertain­ment standpoint was the wrestling bout between the Mad Russian, John Shefekoff, at 202 pounds, and J. K. Local, at 162 pounds, the most unevenly matched pair to enter the ring that night. But the Little K. Local was able to hide under that big chest of Sak's, summed sluggisg before a count could be taken.

NYA boy down for the count of about between the Mad Russian, John Shefekoff, at 202 pounds, and Kai, at 210 ounces, was the wrestling most unevenly matched pair to enter the ring that night. and piled on top of Gordy Woods, the plant's pride and joy, and a 140 pound Madera fighter in the rings, was expected to outclass Maurice Ketscher of Reed­ville, Winning his second Fun Nite from the judges.

Santos played his usual game of clinching as usual.

Sweet Nothings

George Santos in a tete-a-tete conference in a Fun Nite bout.

Santos, outdistanced George Schults, from the NYA, until

having a hard battle against a boy who had reached height and weight against him, Bill Whitmore, short course student making his first appearance here, barely lost to Dick Hill, a fast Poly boxer.

LAWSON WINS

Jim Lawson, the Dairy depart­ment's pride and joy, and a 140 pound­ball, outdistanced Carrol Bar­re, 165 pound Madera fighter in the second bout on the card. Barre, who is a three-time winner in other rings, was expected to outclass Lawson, but after running into one of the dairy student's clenched fists, became wary of opposition and stopped pressing his end of the battle. Lawson, who had a slight reach advantage, pushed Barre into the ropes on several oc­currences.

NYA VICTOR

First fight on the card was a match between Stan Yamamoto, of Hayward, and Joe Westlund, who won the decision.

Audience participation was pro­vided in the battle royal when rep­resentatives of various depart­ments entered the ring to see who could bring on to an inflated balloon the fight. The fight ended in a tie between Bob Thompson and Jim McDonald, who received all-day suckers as their prizes. Participat­ion in the event were Glenn Yamato, Bill Crinklaw, Jim McDonald, Charles Schenck, Jack Beaudoin, E. Domechall, Al Smith, and Bob Thompson.

WESTLUND SPEAKS

Harold Westlund, sports editor of the Telegram-TRIBUNE, addressed the audience in regard to the ad­vantages of Capt. C. C. Dewel, follow­ing the speech, Gordon Woods, Block P proxy, announced that they had received a telegram from Capt. Dewel wishing them good luck with their Fun Nite program.

Baseball Needs More Players

By Bob Valenzuela

With baseball rapidly coming to an end, the spotlight now turns toward the national pastime, base­ball.

This year Poly will play with select or an important club, Arthur and Shefekoff being the only returning letermen from last year's team.

This year, however, the man­ager might look like good prospects.

With what little practice they've had, the players are getting into shape for the start of March. Although it is yet too early to make statements regarding the outcome of this year's ball club, the infield has the makings of a very good defensive team.

The position of manager is open in both of these sports and they should be filled before the season begins. The Poly student body should urge the manager to be sure that the players are in shape for the season.

The first meet of the season comes when the Mustangs go up to San Francisco to meet San Fran­cisco State. The boys are looking forward to this meet and are hop­ing for a victory.

If any Poly boys have had any experience in the different track events, let's turn out and make our team the best.

Cal Poly winds up the basketball season tonight and tomor­row in two games with La Verne. The Poly club will play in Cran dall Gym tonight at 9:30 p.m. Notice that the second game is a morn­ing game. This has been arranged so that the Los Lecheros club will present their dance tomar­row night.

Chicken Herders Beast Test Pulvers 15-10

The Dairy boys met their first de­feat of their basketball season as they played a stubborn Poly club who handed them a close scoring defeat of 14-15.

At the early stage of the game the milkmens were really going to town. The first seven minutes of the game the Dairymen were all points ahead of the chicken herders. At half time the Dairy boys stood at 11 a.m. From the second half on the game stood even although the Poly club managed to stay two points in the lead till the final gun.

The players for the clubs were; Los Lecheros: B. C. and C. Detlefsen, Vanlive College. The Southern California club who handed them a close scoring defeat of 18-10.

The men who scored for Poly were: Santos, playing a hard battle against a boy who had reached height and weight against him, Bill Whitmore, short course student making his first appearance here, barely lost to Dick Hill, a fast Poly boxer.

E&O To Sponsor Softball League

During the spring quarter the California Young Farmers will sponsor the Poly baseball club and are rapidly increasing its number. The team will be played on the Poly campus and will be played on the Poly campus and will be played on the Poly campus and will be played on the Poly campus and will be played on the Poly campus.

These games are being con­ucted because of the size shortage and because they will be offered at night. The Poly club will not be able to travel too much. Much of the agricultural and industrial clubs must submit teams and will be eliminated by names of clubs that are interested.

At present the teams and the Dairy club are making up teams and other clubs are urged to get teams together for the spring quarter.

All clubs that wish to submit teams should do so as soon as pos­ible so that the schedule can be drawn up in the very near future.

Aero Club Holds Very Interesting Meetings

By Jack Aboudera

The last meeting of the Aero Club have proved very impor­tant in the minds of the Poly students. The club, under the very near future.
Horse Book In Poly Library

The school library has just received one of the most valuable sets of books ever had, according to Buck Lash. To anyone who is interested in racing or horses these books are invaluable. The title of this set of books is "Celebrated Race Horses." They contain portraits of celebrated race horses of the present and past centuries, in chronological order compiled by Barbara Selby; in 1870. They were written by Thomas Henry Trotman.

This set of books was presented to the school by Walter L. Wells, boss in red buckram and morocco leather. All through the books there are beautiful steel engravings. There are four volumes in the set.

Any of you fellows that are interested in breeding or want any information on horses, these books will be very helpful to you. If you know to own any of the owners, horse breeders or races, these will help you.

The school is very indebted to Mr. Wells for these fine books. The books are for circulation, but everyone is invited to come and see them in the library.

Poultry Makes Big Profit

By Raymond Taylor

The poultry fund profit statement for the month of December, 1941, shows receipts from eggs, hens and young stock for $2707.92. The total operating expenses were $1060.20 and a net profit of $1647.72 was made for the month.

R. L. Leach predicts a further increase in profit in the next five months, due to the high premiums coming in from the many cases of hatching eggs that are being shipped out of the plant each day.

53 Students Graduate

(Continued from page one)

Ryan, Donald Bane; Leo Schorr; Charles Solomon, Richard Wasson, Harry Wiseman, and Wood Phil Taylor.

TECHNICAL GRADUATES


VOCATIONAL GRADUATES

Ed Ackerman, Roy Burger, Elmo Castelli, Perching Dahlin, John Dahlin, John Dallton, Ort Faccett, Jamie headache, Sandy Jeffs, Bill Johnson, Rano Nakano, Don Rosenburger, Kenneth Bricht, Bill Brookmyer, Jack Tenney, John Warbler.

Although the deadlines for graduating these pupils is long past, any student, whose name appears above, has a perfect record and is ready to graduate. They will be presented to Cal Stump of the board of education for acceptance.

The board will meet immediately and arrange for a studio appointment. Throughout this week, Feb. 26, is absolutely the last day on which these pictures will be taken.

Personal

Wanted: An introduction to Ted Wardell's beautiful blonde girl friend whom he conducted as a tour of the campus last Saturday night.

Senator John Phillips of Ban-

con, visited California Poly-

tech this week.

It has been said that Kay Groves has been challenging some of the boys to a fight in which he would participate with one hand tied behind his back, and a baseball bat on his head. There's your special week for the next Fun Nite, Dave Riding.

Somebody else told us that Loyd of Norman Mason that he (Rick- borns) was not going to go out any girls while attending school this term.

John Carriesburah, graduate man-ager, escorted Pearl, the office girl, to Fun Nite Wednesday night. Guess Buck Lash is losing ground.

Why was Stan Raymond so re-
luctant to buy his lady friend a ticket in San Diego, How old Barbara de do it, "Fairy?"

Bob Boulette, Poly’s proficient
college dancer has broken off with his infatuation in San Diego. How old Barbara do it, "Fairy?"

Students Leard

College Dance

"Boy, that sure was a dance to remember. That was the best college dance this year." "The floor was sure fixed up nicely. These were the remarks heard after the eighth College Club dance last Friday night. Probably the most worthy of praise was the Order of the Floor. Not too slippery and not too sticky, it met with the approval of all the dancers. Said those who fixed up the gymnasium, "You may be sure that the floor will thereafter be just as good, or even better than the old one.

The Collegian’s new number, "Humpty Dumpty Heart," met with wide approval. Also Kenny Hans- low, on drums and guitar, gave an rendering of "Run, Run, Run." The band was excellent.

On the whole the dance was won- derfully successful and it is hoped that there will be more like it in the future.

The moon was high

The road was dark

He gave a start to stop and park

He gave a curse

He gave a grunt—he was alone.

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