



LEADS & ANGLES

A horizontal row consisting of 28 small, five-pointed stars.

MAY, 1942

"Let's take a dive bomber plane. Our production quota calls for thousands of them. Each plane is made up of twenty to thirty thousand parts. Now to get the tremendous number of planes we need of this type, thousands of different manufacturing plants must furnish the various parts. So.... to the Douglas plants where the planes are assembled....must flow from factories all over the country...parts. These parts must be absolutely identical....identical down to the thousandth part of an inch. Unless they are identical ...unless every part fits exactly right, there can be no mass production...and to get these parts made to that degree of precision

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Miss Harriet Cunningham, office:
"It's better to work and win the
war than lose the key to freedom's
door"

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PRESENTATION OF AWARDS Standing: H. I. Jenks, J. W. Haigis, Gilbert Rich, contest judges, and Mr. Bill, making award. Seated: John Kruk, Sgt. Powers, Arthur Burke.

"For example, if you work in the office, the sooner you finish with an order, the sooner it reaches the factory. If you work on a

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Miss Rita Boucher

Last-minute word from the judges is that "you'd never have guessed so many artists worked for GTD!"

LEADS & ANGLES

Published by and for GTD employees. JAMES H. MATTOON, Editor

VOL. I

MAY, 1942

NO. 1

TO ALL G.T.D. EMPLOYEES:

With this first issue of "Leads and Angles" we are embarking on a joint enterprise that should bring personal pride and satisfaction to all of us.

Pride of workmanship is a G.T.D. tradition, and I am confident that this and succeeding issues of "Leads and Angles" will live up to that tradition.

I am pleased that you have invited me to the "launching" of this newspaper. At this very moment throughout our country, ships are sliding down the ways, planes are mounting into the skies, tanks and guns are on the way to the battlefronts.

Your production of Small Tools and Gages has, in a measure, made these accomplishments possible. We must rise to even greater production heights in months to come.

The winning slogan in your recent contest, pictures the part you must play in the war -- "Front Line Trenches Begin at Your Benches".

So -- OVER THE TOP!

Sincerely yours,
D. G. MILLAR
PRESIDENT

News Wanted

What do YOU know that would interest your fellow workers? Turn over your news to any of these LEADS & ANGLES reporters.

OFFICE: Maxwell Selser, Virginia Allen, Rita Boucher, Marjorie Reffer, Harriett Cunningham.

PLANT #1: James H. Pinson, Ch., George Way, Patrick Hogan, John Kruk, John Beuhman, Jr., Lawrence Graves, Edward Hughes, Leo Mooney, Evelyn McGuire.

PLANT #2: Lillian Maniatty, June Greenwood, Frank Saltys, A. Canedy, Anthony Butkiemiecz.

BOX SHOP: "Hal" Seller.

FORGE SHOP: Charles Early.

Rita Boucher

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machine, the sooner you finish your operation, the sooner the next fellow gets the job, the sooner the finished product is sent to the airplane manufacturer and the tank manufacturer, the sooner the men who are fighting have the implements they need so desperately."

No Whips for American Labor

"No, there is no whip making you work harder. Your government

doesn't threaten—it doesn't have to. For all of us have common spurs making us work and work and work: sincere love of country, hate of intolerance, and Yankee determination that the mad dogs of Europe and the Pacific shall not set foot on this, our ground.

"Truly, the products of free men, working for what they believe in, in the hands of other free men who fight for the same beliefs, are more potent than the tools of unwilling workers, in the hands of men who fight because they are told to fight. Yes, we have much to work and fight for, for America is more than a place to live to us, America is a way of living that is the only right way.

"Come on, G.T.D., work and help MacArthur show them what we're made of. Work and make them 'Remember Pearl Harbor', remember and regret. All of us can't shoot the guns or fly the planes, but we can help to get them into the hands of the men who know how to use them.

"Let's work as we never have before — unstintingly — gladly. For in so working, we at home can help to win this war and bring about a just and lasting peace."

WHERE ARE WE GOING ON JUNE 1?

Fulton Lewis

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requires gages, or measuring devices that tell instantaneously if a part is oversized, or undersized.

"What is true of dive bombers is also true of shells, guns,



Fulton Lewis Jr., National Mutual Broadcasting System, Thurs. 10:30 P.M., WHAI, from our Gage Plant.

tanks, torpedoes and every other instrument of war...so from the plant where we've brought our microphone tonight come the hundreds of different gages needed to check the precision of the thousands of parts that go into these weapons. The gages made here not only make it possible for thousands of different factories to make parts for war goods, but they also insure our fighting forces that every repair, or replacement part it receives...no matter whether the original part

was made in Maine and the new one down in Texas...will be exactly alike."

Mr. Millar was introduced at this point, and he and Mr. Lewis discussed the new precision requirements of wartime manufacturing. Mr. Millar told about the new gage plant, and then Mr. Lewis asked about taps and dies. Mr. Millar explained why taps and dies must be manufactured to close tolerances for aircraft work.

Chief Inspector G. Walter Carpenter appeared at the microphone, to explain how the gages themselves are checked for accuracy.

Mr. Lewis that afternoon had noticed many women working in the GTD plants and had invited Mrs. Mary Whiteman to tell the radio audience about her job. She was followed by Mrs. Mabel McLaughlin who is a lapping machine operator.

The passing of George Foster, who died Wednesday evening at his home after his usual day at work, came as a severe shock to all of his Plant 1 associates. The older employees knew him for his ability which he put to work in a very modest, unassuming way, and the younger employees will miss him for his friendly smile or word that did so much for their feeling of "belonging."

The untimely death of Leger Verrier of 1-9, came as a great shock to his fellow workers. Apparently in the best of health, he was stricken with a heart ailment at his home in Turner Falls. His loss will be keenly felt as he was considered one of the company's most efficient workmen. To members of his family, we express our heartfelt sympathy.

LEADS

Your Suggestions Box

Got an idea to save time, improve quality, cut waste, or otherwise help the War Production Drive?

This space is for you to fill — with suggestions. The best one received during each month will be printed here, together with the name of the person who suggested it. Names of others who submitted valuable ideas will also be printed.

Even a small "lead" from you might result in a big help to all of us — and our country!

YOUR SUGGESTION COMMITTEES

FROM THE MEN IN THE TRENCHES TO THE MEN AT THE BENCHES

(Let us print the letters you get from GTD boys in the service)

Miss Rita Boucher:

I think it is a splendid idea to have a paper and keep in touch with the boys of the G.T.D. and I am glad to help you by giving you a little information about my son Sidney, who is in the Engineer Corps.

I have been reading some of his letters since I talked with you, and note in one he says "I saw some dies today in the supply room made by G.T.D. and it sure seemed good to see something familiar."

Sincerely,
Mrs. Sidney I. Reed



George Haliburton

Here's news from Cadet George Haliburton, training at the Naval Air Station at Jacksonville, Florida:

"Sunday I went on the patrol flight out over the ocean. I flew from 7:30 AM to 5:30 PM. We came back to the base at noon to refill our gas tanks and grab a sandwich and went right out again. I flew the plane for about six hours, navigated two hours and watched for submarines two hours. I was pretty tired when we got back, but it was good experience and a lot of fun."

From Pvt. Bill Blyda, Platoon #279, Recruit Depot, Maine Barracks, Parris Island, S.C. —

I really like this life although it is different from civilian life. It's hotter than hell down here, but I'm getting used to it now. Send my love to all my old sweet-hearts.

Bill

2011 Hunnewell St.
Honolulu, T.H.
March 24, 1942

Hello Mr. Gorham:

Everything out here is fine — and I must say that I wouldn't take fifty dollars for my Machinists Handbook now! You'll never realize just how much use it has been to me to maintain my rating as machinist 1st class. That rating — I'm happy to say is established now and I need no longer fear demotion.

I can't tell you much about my work but I think that it's all right to say that there's plenty of it with lots of variety and lots of headwork. Lathes play a very important role out here — much more than I ever thought possible!! Do you suppose you could give the fellows a little dope on milling on a lathe and stuff like that! I might add that nearly fifty per cent of our chucking work — and there's plenty of that — is on work that is neither square nor round nor for that matter any regular shape!!

We hardly ever use a drill press or milling machine although there are a few to be used when it's absolutely necessary.

I have to make nearly all my own sketches, too. We usually get our orders — "Make as per sample" or to "Fit mating part".

But it's fun. I've never enjoyed work so much in all my life. And the purpose behind it all makes it just that much more interesting too, you know. 'Cause everything we make is getting a fighting ship back out to sea in the least possible time. And that's purpose enough for anybody!

And I'll see you later.

Yours,
Sam Gregoire

Elliott Moreau, private at Fort Warren near Boston, replies to a letter from a friend in Greenfield:

"I see by your last letter that you're breaking in the racks — gosh! You fellows are sure getting all the breaks. Ha! Ha! This place here sure gets lonesome. I hope to see you within the next couple of weeks."

OFFICE NEWS

A successful bowling league season has just been completed, with the final standing as follows: 1 — Erasers; 2 — Typewriters; 3 — Pencils; 4 — Inxies; 5 — Dictaphones; 6 — Pens; 7 — Steno's; 8 — Blotters.

Banquet and annual meeting took place May 9, at Bernardston Inn. Officers presiding during the season were G. A. Spear, president; O. DeAragon, vice president; S. Drew, secretary; and J. Kilkelly, treasurer.

Reuben Call (standards) is in the Air Corps, stationed in Missouri. Russell Walsh is in the Navy and hasn't as yet wigwagged his latitude and longitude. But George Spiegel writes that he is an Ensign in the Training School at Noroton Heights, Conn., and after a six weeks course will be commissioned.

Marcus Demarst, enlisted in the Air Corps, was sent to training school and has been made a sergeant.

Night supervisor and recent bridegroom, Robert Koehler is now Private Koehler. S.S. 594 — 261. Kessler Field, Mississippi.

PLANT 1

Miss Anne DeNofrio was tendered a miscellaneous shower at the Mansion House, Thursday evening, May 7 1942 by the girls of the Plant #1 Office, in honor of her approaching marriage to Howard Luippold, of Turners Falls, who is employed at the Shipping Room of the Greenfield Tap & Die Corp.

Private Bernard Horrigan, formerly of Dept. 1-12, is now located at Camp Aiken in Sumter, S.C.

Robert Wheeler, son of Carl Wheeler of Dept. 1-3 is in training at Norfolk, Virginia's huge naval base.

Russell Nimmons, formerly of the second shift of 1-12, is now in the ground crew of U.S. Army Air Corps and is stationed at Kessler Field, Mississippi.

William Rooney of Dept. 1-6 is located at Camp Devens awaiting call to active duty.

Lieutenant John Gorey is stationed at Camp Edwards where he is training at the Advanced Training School for Officers.

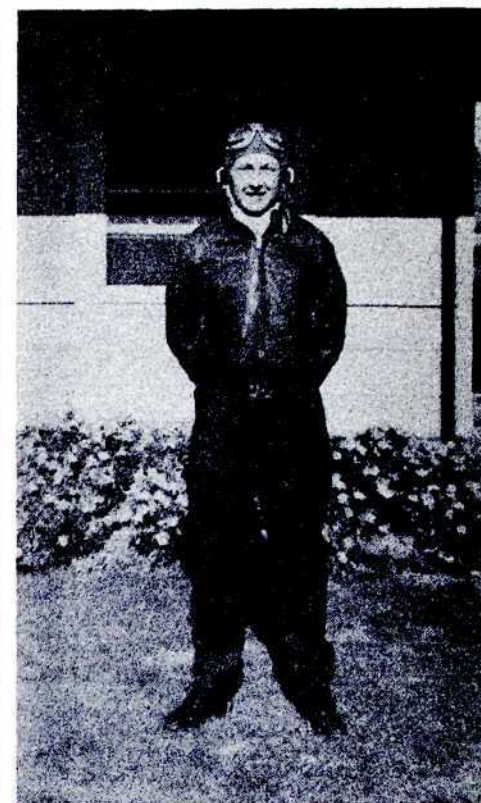
Lieutenant Verne Rugsby, another ex thread grinder, is also at Camp Benning, Georgia.

Robert Winslow of Dept. 1-12 is stationed in California with the Army Air Corps.

PLANT 2

Wedding bells June 12 for Kenneth Martin, popular process inspector. The bride-to-be is Mary Dresser of Turners Falls, sister of Dick Dresser.

The Bond Club in Dept. 2-51 finished last week. Banquet Monday at Montague Inn, with Bonds being distributed and another club organized.



Kenneth Sutherland

Ken Sutherland, son of Bill Sutherland of Dept. 2-35, is taking a flying cadet course at Merced, Calif. Ken enlisted Jan. 19 after serving a year as a mechanical lapper for the GTD. To date, he has 60 flying hours to his credit.

Welcome, newcomers: Julia A. Neault, Dept. 2-51 and Mary F. Sobelenski, Dept. 2-61-2.

A cheery card saying hello to us all was received by our "petite Georgette" from Louis Gendler stationed now at Kessler Field, Miss. His old station is on the second floor of the new building, Gage Plant.

Congratulations to Glendon Craft, checker in 2-61-3, engaged to Carolyn Weisman.

**WHERE
ARE WE GOING
ON JUNE 1?**

Awards (Cont'd from Page 1)

Edwin R. Call, Plant 8:

"A new way to spell VICTORY - PRODUCTION"

Miss Barbara Adams, office:

"While you are shirking the enemy's working"

Charles L. Phelps, Plant 1:

"Just one more tap or one more die may keep Old Glory flying high"

Ralph Streeter, Plant 1:

"A tool made right is our best bomb-sight"

The response to this competition was enthusiastic and spontaneous as evidenced by the 375 slogans submitted. The wealth of originality and talent displayed by the contestants made the job of the judges a particularly difficult one.

Judges of the contest were John W. Haigis of Radio Station WHAI; H. I. Jenks, Manager of the Record Gazette; and Gilbert Rich, Head Librarian. The slogan competition is part of the continuing War Production Drive conducted by Greenfield's largest war-essential industry.

Detroit News

The wheezing heard from the Detroit sales office comes from our Scotch salesman, Jimmy Carson, when little Eva rouses him out of bed at 6:00 A.M. to pedal his new bicycle around exclusive Grosse Point Park.

A Bowling Team consisting of Andrew Kacmarik, Phil Westmore, Mel Stackpole, Kenny Wrenn and Arnold Isler, three of whom are Greenfield employees, stand an excellent chance of stealing the Class B Championship of Detroit after scoring 268 pins over their team average. The Bowling closes May 13, so here's wishing them luck.

Our Detroit office and warehouse expects to be in a new home. Some new equipment is being added to take care of contemplated increased production.

Only war orders carrying very high ratings for Ground Thread Taps are being sent to our Detroit factory. Detroit is rapidly becoming the center of the war effort as many large automobile concerns are being converted to the manufacture of war material. With the addition to our Detroit plant, we expect to be in a better position to handle the increased demand for quick and efficient service.

Mr. Ernest Kent has been requested to act as our Detroit reporter and we hope to have more personal information in regard to our co-workers in the Detroit Division.



GTD War Production Drive Committee: Left to right -- Leon Gould, Albert Lambert, Ray Helbig, James Mattoon, George Burrer.

GTD Cooperates with National War Production Drive

President Roosevelt asked for "all-out" production in order to speed the victory which the Allies' "all-out" war can achieve. A production campaign in which GTD workers are now engaged conforms with the employee-employer program advocated by Donald Nelson, Chief of the War Production Board.

So that every GTD worker will realize how important he is to the war production effort, committees representing employees and management have organized to map a program that will bring home to the individual the ways in which his work helps to put weapons in the hands of the boys on the firing line.

To speed up action and eliminate any source of delay, a War Production Drive Committee was set up, consisting of Albert J. Lambert representing the CIO for Plant #1, Leon Gould of the Industrial Association of Small Tool Workers, Local #1, representing Plant #2, George M. Burrer of the Personnel Department, Chairman, Ray Helbig, Advertising Manager and James H. Mattoon, Coordinator.

This small compact committee will work with the chairmen of various sub-committees of employees from the two plants and Administration Building. Each of these smaller committees will have as its objective a distinct problem to be overcome, or function to carry on. For example, the committee on Housing and Transportation will study the problems involved in properly housing new employees moving to town from other localities, and in helping employees get to and from work

where long distances are involved; the suggestion committee will study ways in which production can be increased through simplified methods, new equipment and the like.

While this campaign has been organized and will operate as a GTD project, many of its activities will be of benefit to the community at large and the campaign committee has offered to make its studies and publicity material available to other plants or agencies doing similar work in this area.

The committee emphasized that this is a strictly voluntary patriotic group effort to cooperate with the official policy of the National Government to bring to the realization of every man, woman and child in the country the importance of individual effort in this critical hour of the nation's history.

All employees of the Greenfield Tap & Die Corporation should feel especially close to the national war effort owing to the fact that it was one of the twenty-one companies scattered throughout the country which were selected for personal presentation of the plan by representatives of the War Production Board. Further proof of the importance of the GTD in the nation's production picture is the fact that during a recent coast to coast radio program featuring a speech of Donald Nelson, the corporation was mentioned in company with such outstanding names as Ford, General Motors and The Studebaker Corporation. It is not generally known perhaps, that while

taps, dies and gages are not as spectacular as tanks, airplanes and guns, it would be impossible to have the machines of war without these small tools which are used in their fabrication.

GTD BALL CLUB

STRIKES OUT

After a month of practice, it has been decided by the directors of the GTD baseball team to abandon the project for this season. Playing material is scarce, games with first-class teams are difficult to book, and the rationing of gas will make transportation a problem.

28 reported for first practice, and 12 likely prospects were selected, but unfortunately a catcher was not among the 12.

The directors have stated that they will stand wholeheartedly behind the softball teams, and plans are being made to enter the local YMCA Softball League. The GTD will attempt to field four teams; two from the first and second shifts of both plants.



Write to Red

Michael "Red" DeNofri who is in the Naval Reserve, stationed at the Great Lakes Training Station, writes:

"The fellows here are a swell bunch, but it seems as though my best friend is news from home. The food here is delicious, and I have gained 25 lbs. in two months. Going to bed early nights is doing me some good. The work here is pretty tough but you don't mind it when it is for a cause. Furloughs are few and far between, but it makes no difference as we're on edge craving for action."

Gerald Marsha, private at Camp Shelby, Miss. (Rec. Co. A-643 T. D. Bin.) writes:

"I haven't seen any Southern Beauties yet, that I have heard so much about. I have no kick so far. How's all the gang?"