



The SCINTILLATOR

VOL. I, NO. 1

SCINTILLA MAGNETO DIVISION, BENDIX AVIATION CORP.

JULY, 1942

COMMITTEE NAMED FOR WAR PRODUCTION DRIVE

BOND DRIVE NEARS GOAL

Eleven departments achieved the Honor Roll of 100 per cent subscription to United States War Bonds, according to mid-June statistics released by the Scintilla Bond Department.

In the current drive to win the Minute Man flag given for at least 90 per cent subscribing for War Bonds in the entire plant, Scintilla is approximately three per cent under the necessary quota.

Gain in percentage subscribing for the latest period, was 5.43 per cent, and the War Bond drive committee is exerting every effort to reach the 90 per cent minimum in July.

Showing the way to Victory through bond purchases are the following departments, subscribing 100 per cent: Dept. 2, Purchasing; Dept. 9, Supervisors; Dept. 13, Tool Inspection; Dept. 14, Harness; Dept. 26, Finished Stock Stores; Line 40; Line 42; Line 46; Line 48; Line 58, and Dept. 59.

Low man on the record totem pole is Dept. 7, Production, with only 70 per cent subscribing. Inspection, largest single department in the plant, is subscribing 81 per cent.

Applications for voluntary payroll deductions may be secured at the Bond Department, if none are available within your own department.

Gun Club Host to Police

Members of the Scintilla Plant Police under Chief Harry O. Dickinson were entertained at a revolver and pistol match by the Scintilla Gun Club Wednesday night, June 17. The prize for highest individual score went to Sergeant Harry Hurlburt of the Scintilla Police.

During the intermissions, informal talks on the handling of revolvers were given by members of the club. Refreshments were served.

**INCREASED PRODUCTION
BRINGS AXIS DESTRUCTION**



SCINTILLA SERVICE SCHOOL is host to Navy personnel assigned for a short tour of duty to familiarize themselves with latest developments in aircraft ignition apparatus. Ogden Hamilton, Scintilla Service staff instructor, at right, discusses technical points with Lieutenant Richard Upson of Norfolk, Va. as the group of Aviation Machinists Mates, Third Class, from the Naval Air Station at Norfolk, listen intently. Seated left to right are E. D. Rogers of Haynesville, La., L. E. Sandidge of Jackson, Miss., and C. F. Robertson of Centralie, Mo. Standing in that order are H. T. Lawson of Fresno, Cal., R. L. McGilvray of Ashland, Ore., and E. F. Olson of Astoria, Ore.

TWO HUNDRED EMPLOYEES ATTEND WEEKLY SCINTILLA TRAINING CLASSES

With more than 200 employees attending weekly Scintilla training classes, the Educational Program instituted by the Department of Training and Wage Administration, under the direction of Carl E. Lindenmeyr, is now well under way.

Since September, over 1,000 Scintilla workers and foremen in supervisory capacities have enjoyed the privilege of the special training offered by the company through the following courses.

Related Training

Related Training, for new and inexperienced employees hired for the Inspection and Production departments. The course offers instruction in shop mathematics, blue print reading, shop conduct, shop routines, safety, and practice in the use of the micrometer and other measuring instruments. (two weeks, 20 hours)

Job Instructor Training:

A very important course offered by W. W. Thomas to train persons in a supervisory capacity, set-up men, group leaders, and key operators, in the best techniques of

teaching employees new jobs—invaluable instruction in these times of rapidly increasing employment. (five sessions, 10 hours)

Motion Analysis and Job Improvement:

A course given by W. W. Thomas to selected employees in methods of work improvement, according to the principles of motion analysis. (six weeks, 12 hours)

Simplified Motion Analysis:

A course offered for a selected group of persons in supervisory capacities and members of the time study department. The course of-

(Continued on page 4)

Scintilla to Cooperate Through Committee of Labor-Management

In cooperation with the War Production Board, a labor-management committee of six has been named to represent this plant in our war production effort.

Representing labor on this War Production Committee are Paul H. Carney, 23-5, dielectric inspection; Josiah Jones, 34-2, machine set-up man, and John B. Kelly, 34-73, machine operator. Management will be represented by E. M. Van Name, Personnel Manager; Carl E. Lindenmeyr, Supervisor of Training and Wage Administration, and Charles W. Losky, plant and safety engineer.

Through workings of this committee, the necessary steps to meet this country's needs for the war effort will be placed before the workers of this organization.

In this manner, through production scoreboards, bulletin boards, display of communiques and other material, the committee will report on the battles won and gains made in the vital war of production.

As this committee becomes further established, one of its functions will include emphasizing the importance of increasing plant efficiency. Close attention in the efficient use of tools, machines and manpower must be stressed as boosting production isn't just a matter of enthusiasm.

Workers' ideas which will boost production will be sought.

Our striking power must be strengthened to a point where victory can come within our grasp, and every minute counts. Do not forget the terrible urgency of time.

Our Secretary of War, Henry L. Stimson, says, "I speak, I am sure, for every man in the Army when I say that we consider this Production Drive the most important civilian project in America today."

"Every day, every hour gained in speeding weapons to our men means hundreds and thousands of lives saved."

The War Production plan book points out that this war is like no other war of history. In other wars, men, using weapons, did the fighting. In this war, machines, using men, do the fighting.

The SCINTILLATOR

Vol. 1, No. 1

July, 1942

Published monthly by
Scintilla Magneto Division
Bendix Aviation Corporation
 Sidney, N. Y.

EDITOR, E. M. VAN NAME

ASSOCIATE EDITORS,
 K. V. Campbell Aysel Searles, Jr.
 Bruce McGregor

Photographer, Harry Earl
 Contributors,

The employees of the
 Scintilla Magneto Division

The Scintillator Speaks

I am your plant publication. I was born this month into a world of strife and hatred, and will be reborn each month—and one day, my voice will sound the words "VICTORY—PEACE."

Mine is the voice of Scintilla. The thump of the punch press, the whir of motors, the noise of metal cutting metal—the hum of voices, all blended into a continuous mighty chorus of rising crescendo with tempo quickening as men and women and machines work with a single purpose.

This month, my voice is dedicated to employees now in the Armed Forces. You can contribute to my voice as your plant publication—and on your job you can contribute to that ever increasing chorus of production, which aids the men who are contributing their lives, if necessary, in order that we may keep on *contributing*, and not *serving* in slavery.

Letters From Former Scintilla Employees Now in Service

PVT. RICHARD F. KEYES, formerly 15-97, writes from an anti-aircraft training station at Fort Eustis, Va., "I enjoyed working for Scintilla, and when this war is over, I would enjoy working for you again. I am getting along fine with the fellows, and the new work."

PVT. WILLIAM E. JESTER, formerly 24-33, writes from an Air Corps troop base in Connecticut, "I never realized how many airplane magnetos were really turned out at Scintilla until I got into the Service. All I can say is, 'You help make them, and we will try to keep them in the air.'"

PVT. BRUCE W. THOMAS, formerly 34-206, writes from Marine Barracks in South Carolina, "It is now 6:30 a. m. Have been up since 5. Drill all day today. I love it—makes a man out of you. Send cigarettes."

FREDERICK RAYMOND MEEKER, formerly 23-234, is attending Midshipmen's School, taking a course of instruction to qualify as an officer in the U. S. Naval Reserve.

The Spark of Life That "Keeps 'em Flying"

At the right of this column is a reproduction of an advertisement which appeared recently in various Aviation periodicals. Its title describes succinctly and well the vital function of the Scintilla magneto in relation to the aircraft engine. It also states the creed, "Dependable Ignition," that has guided this company since its earliest days in Sidney.

Today, the lives of our pilots who are fighting aggression depend upon the reliability of Scintilla magnetos in the air. For each of them, victory in action can hang upon an unfailing stream of sparks—or defeat upon its absence. Such reliability can be maintained only by hard, honest, painstaking work, and unceasing attention to accuracy and quality. It is therefore up to all of us to continue giving our utmost to our jobs—to build more and more of the best magnetos that can be built—so that we can help to "keep 'em flying," and "keep 'em winning."

REASON FOR PRIDE

What do the pilots, whose lives depend on them, think of the planes for which Scintilla workers produce "the spark of life"?

Following are excerpts from a first-hand account of an exceptionally fine long distance flight in a LIBERATOR, four engined American built plane. The flying officer of the R. A. F. who piloted this particular plane, holds the Distinguished Flying Cross, and is an outstandingly experienced and capable pilot, which makes his tribute to this aircraft all the more interesting.

After describing the flight from his home base in England, to Egypt, a trip across West Africa, and the return flight, which was made non-stop, the R. A. F. flying officer said that the LIBERATOR had flown for nearly 40 hours, and 10,000 miles, and never once had he had to put a spanner to it. None of the four engines gave the least trouble, and one of them used only 5 gallons of oil during the whole period: the maximum amount used was just a little under 10 gallons in any of them.

"Considering the temperatures and varying types of weather experienced, and that the aircraft was standing on the ground in the hot sun for some time," the officer said, "the fact that there was no trouble spoke very well for the work put into its manufacture."

"We also flew over thousands of miles of jungle in the course of the trip, and if anything had happened to the plane, we would never have been found, as our course was off the usual air routes," he continued.

"The BENDIX wireless equip-



The spark of life
 that "keeps 'em flying"...
DEPENDABLE IGNITION

NOTHING is neglected, nothing is taken for granted, when an expert crew of American aircraft mechanics give an airplane its "going-over" before wheeling it up to the line. Merely to watch these men at work is enormously inspiring.

Yet for all this matchless maintenance work—this careful checking and testing—the pilot knows he must depend upon the unseen quality and reliability of the parts that go to make up his plane.

So each aircraft magneto, spark plug, switch and radio shielding unit that Bendix-Scintilla builds is produced with the thought ever in mind that life depends upon it.

SCINTILLA MAGNETO DIVISION

BENDIX AVIATION CORPORATION
 SIDNEY, NEW YORK

**BENDIX
 SCINTILLA**

The world's finest aircraft ignition

ment behaved magnificently and enabled us to hear all over the world, as much as 2,000 miles away. My impression as a heavy bomber pilot is that the LIBERATOR is a very fine machine, probably one of the finest ever flown," the flying officer concluded.



PRODUCTION FRONT TO BATTLE FRONT go these former Scintilla employees who have left to enter the Armed Forces of the United States. Leaving recently were, top row, left to right, Mahlon I. Beach, Douglas S. Baldwin, Richard F. Keyes, Harper I. Johnson, Harry N. Oliver, and Dwight Hallock. Second row, William O. Packard, Jr., Walter J. Tansey, Carl P. Dykeman, Charles H. Butler, Harold Westgate, and Jerome V. Mertz. Third row, Paul D. Close, Leslie Hoke, Paul D. MacArthur, George M. Simonson, Edward A. Meehan, and Kenneth E. Houck. Fourth row, William L. Whitney, John B. Moffat, Arthur J. Burns, Jr., John J. Lynott, Paul A. Thomas, and Thomas B. Rice. Fifth row, Arno H. Bennett, Devillo L. Neish, John Moore, Bruce Thomas, Walter D. Park, and Robert F. Riley. Sixth row, Paul E. Holl, Carl H. Pierson, Cutler Baldwin, Howard Nichols, Angelo Famalaro, and LeRoy B. Hunter.

ON THE JOB

with the
Inquiring Photographer

THE QUESTION: As a woman working for all out production of vital war material, what are your reactions to your job?



ROSALIE GROOT, 34-195, borematic operator, five months with Scintilla, former silk weaver — "I'm buying War Bonds, and doing my best to produce the materials we need for this war."

MARY GADSBY, 34-239, drill press operator, a naturalized citizen, eight weeks with Scintilla — "I feel that I am doing my part for my country. My mother and sisters have been bombed in Bristol, England, and I have two brothers in a Bristol plane factory, and one brother in the Armed Forces. My husband was crippled in the last war when he served over three years in France. He is unable to do his part in this war, and I'm glad to be able to serve our country."



CHARLOTTE DEWING, 23-652, dielectric inspection, former clerk in drug store, nine weeks at Scintilla — "I can't handle a gun, but it is a grand feeling to be working on war production — just working your head off to win this war!"



VIRGINIA HALL, 47-52, drill press operator, formerly did housework, six months at Scintilla — "I am proud that my work helps win this war. I do everything I can to prevent scrap, because it means losing so much time and production when material and minutes count."



Concert Thursday Night

Fourth of a series of concerts will be presented by the Scintilla Employees' Band Thursday night, July 2, in Sidney Memorial Park. The concerts are a part of the band's drive to obtain funds for uniforms.

SHAVINGS

Department 22 claims to have the best hammer welder in three counties in "Hattie" Makley, who according to the maintenance gang can put a large shipping box together in less than nothing flat. Rapidity, rhythm, and style is the secret says "Hattie" . . . Pee Wee Peck of Harness, is no longer a bachelor—but he insists he won't be hen-pecked . . . Clifford Telesky, Department 63, is recovered from a recent operation at Fox Hospital . . . For some reason, Dept. 63 hasn't had its usual quota of June brides, but Emma Wilmarth and Warren Turtur found time to tie the knot . . . The tool room is flooded with cigars for recent additions to the families of Carl Herlov, a boy; Don O'Dell, a girl; Bill Frank, a boy; and Al Tessani, a boy. All are doing fine. (the babies, we mean)

Lester Gregory, line 49, will be a bridegroom any issue now . . . Charles Merk of Inspection is out of cigars, but he and his bride are at home at 131 Johnston Circle . . . Incidentally, has anyone called Sherwood Heights "Honeymoon Hill"? . . . The toolroom boys recently sent J. Burton Davies, now of the Marines, a long chain letter . . . Romance seems synonymous with Dept. 15 this month as two home runs and a double were chalked up on the matrimonial scoreboard. Married in Walton were Thurman Yager and Julia Griswold. Virginia Sprague and Harry Barnhart took similar vows the same day, and Delores Zeck and Evelyn Bouton were among the bridesmaids. The engagement of Wanda Walker, Dept. 15, to Cliff Waldron, Employment Office, is really a Scintilla family affair. Her father is Gerry Walker, popular foreman of the repair department, and Cliff is the son of Claude Waldron, equally popular foreman in the Harness department . . . Back to work in Dept. 15, less their tonsils, are Genevieve Connor and Shirley Turk . . . John Sergio, Inspection, proud father of a baby girl, was called for maneuvers with the New York Guard two weeks after he had passed out the first cigar . . . Joe Bazata, Service Dept., whose designing talents top our front page, insists he overheard the following remark in a Sidney store. "Yes, this hot weather is certainly raising had-dock with the candy" . . . Gerry Devenpeck, formerly line 48, is taking a machinist's course at Great Lakes Naval Training Station, and graduates July 1.

Henry Provenzon, Purchasing Dept., who suffered an arm injury while sliding into fifth base in a local softball game, decided he needed additional help during his period of injury, so he wrote up a requisition for a beautiful blonde, Betty Grable specifications, to be

sent COD from Hollywood. Carl Hall willingly gave the proposed project an A1A priority rating, but the girls in purchasing, motivated by jealousy, no doubt, refused to type up Henry's requisition. Oh well, she wouldn't have helped production, at that . . . Carl Rutherford, John Bussey, and Vic Ives of Assembly, have gone in for horse-power—as it relates to an outboard motor . . . The former Glenna Smith of Inspection, is now Mrs. Robert H. Wise . . . The bridegroom is an Army inspector stationed here . . . Assembly workers have received several letters from employees who left for foreign service, and who have reached their destination without difficulty. The country and the people fascinate the Scintillads, but they are just a bit homesick . . . Mrs. Dorothy Morris of gauge inspection, welcomed home, for a short leave, her husband. In the U. S. Navy, he had just been released from an English hospital . . . Miss Iva Ackerly, blonde clerk of Dept. 39, is now Mrs. Iva MacArthur . . . Even foremen forget their badges occasionally, says Bill Anderson of Line 54. Add late marriages—Marguerite O'Holleran and Herb Carlson, line foreman.

★
**THEY'RE FIGHTING THERE
SO LET'S WORK HERE**
★

We're Short on Gasoline But Long on Ingenuity

Shortages and resultant rationing of tires and gasoline, and the possibility of stricter rationing regulations in the future, make it essential that employees make every possible effort to minimize use of their automobiles.

Employees within walking distance of Scintilla should save rubber and gasoline this Summer by walking to work, thus conserving potential automobile mileage for Winter use, and possible emergencies.

Pooling and rotating the use of automobiles, doubling up, and the use of bus facilities where available will conserve vital rubber and fuel.

Information is available at the Personnel Office for those who have transportation problems, and it is advisable that all employees who have not already done so, complete the transportation questionnaire card, and return it to their department clerks.

For those who require additional gasoline for use in traveling to and from work, OPA-R-512 form "Application for Supplemental Gasoline Ration Card" is available at the Personnel Office, and will be certified if within requirements of existing gasoline rationing regulations.

Applications for retread, or the retreading, of tires, are also available at the Personnel Office, and certificates of employment are being issued to qualified applicants.

Special Program Planned To Dedicate Service Honor Roll

In the near future, there will be placed within the factory, an honor roll containing the names of all those who were employed by Scintilla and who are now in the Armed Forces of the United States.

When this honor roll is placed, it is planned that there will be a dedication ceremony at which we expect to have an address by a guest of military importance. The Scintilla band will furnish a program of military numbers. Scintilla is proud of the men who left to fight for freedom.

★
**PRODUCTION PUNISHES
TOKIO**
★

Training Classes . . .

(Continued from page 1)

fers an intensified and detailed study of the principles and practices of motion analysis. (18 weeks, 26 to 30 hours)

Inspection Classes:

An advanced course in inspection methods and procedures for selected members of the Inspection Department. These classes are conducted two and one-half hours weekly by Edward P. Carkuff and Gerald A. Terpenning.

Related Training:

Orientation meetings held for new employees who do not attend training classes. These meetings attempt to assist new employees to a rapid adjustment to local conditions and routines, and to inform them concerning safety regulations, hours, time and job cards, and other general problems related to the probationary period of their employment. (one hour sessions)

Moving Pictures:

Prepared by the U. S. Department of Education and by various machine tool manufacturers to explain specific machine operations. These moving pictures, some in technicolor, and with sound tracks, are shown as occasion merits, to groups of employees working on the operations pictured.

The effect of these classes has been to stimulate a better understanding of the work required to meet the demands of greater production and better quality. The interest they have aroused and the many requests for further and more advanced courses of study is eminently satisfying. As a result, plans are being made for enlargement of the scope of Scintilla's training program.

★
**GOOD NEWS FROM WAR
FRONT DEPENDS ON
PRODUCTION FRONT**