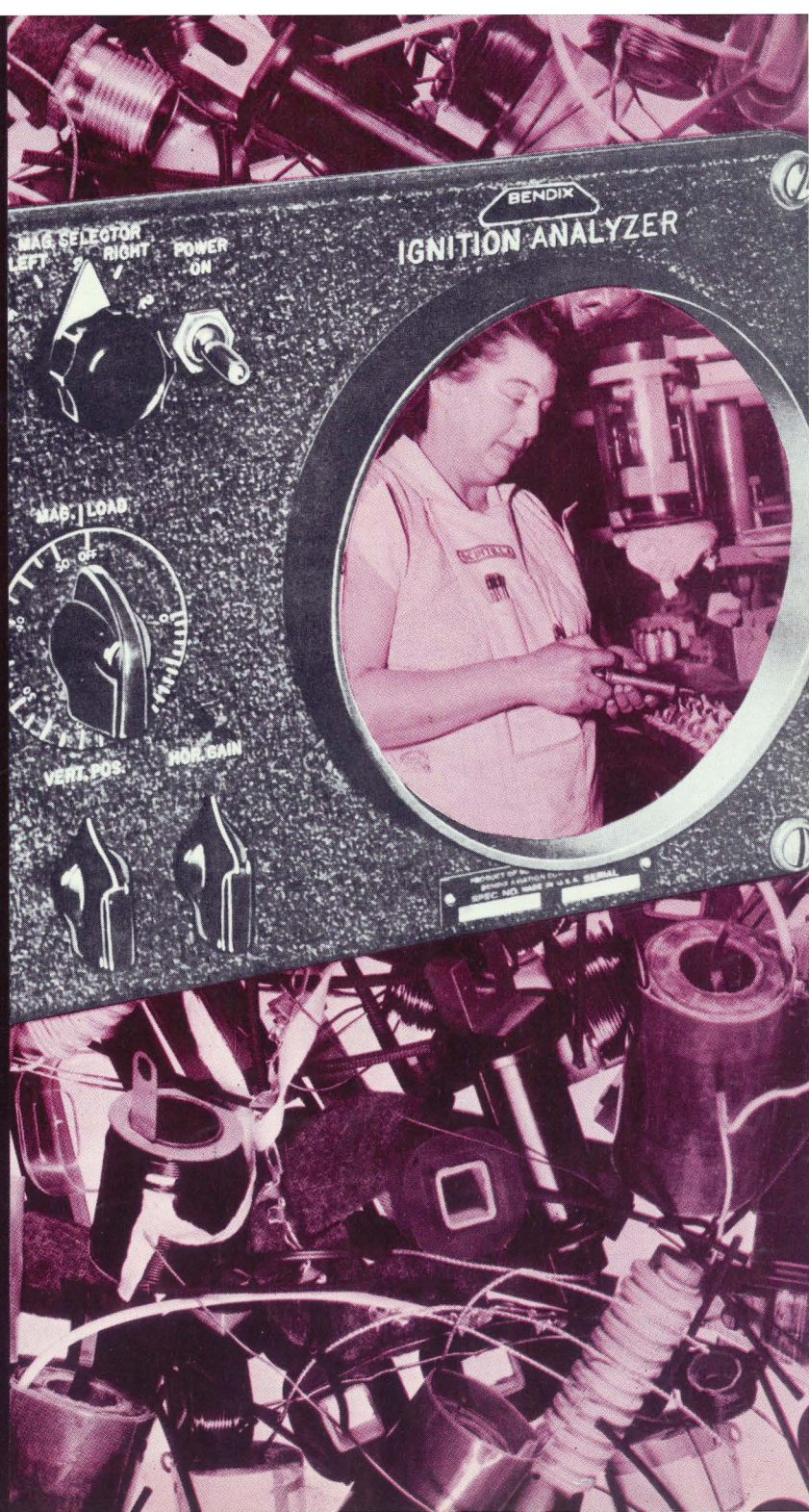


The Scintillator

April, 1954



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BENDIX AVIATION CORPORATION

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APRIL 1954 is a month which will not go unmarked. It represents the 25th anniversary of Scintilla's affiliation with Bendix Aviation Corporation. Since that historic day in 1929, the years have seen both this Division and its parent organization progress according to the best traditions of the American way. As one of the original Bendix affiliates, which could be counted on the fingers of one hand in the early thirties, we are proud to be a part of Bendix' nation-wide organization of 25 manufacturing divisions today. We, at Scintilla, are celebrating our 25 years with Bendix in an appropriate fashion—the inauguration of our new Electronics Building, marking still another progressive step forward for Scintilla and Bendix.

An activity report published recently by the New York Wing, Civil Air Patrol, contains a reproduction of a page taken from the October 1953 issue of "The Scintillator." The page contains the story and photos of the visit of CAP Officials to Scintilla last fall. It is in good company, being spotted next to clippings from "The New York Times" and the "New York World-Telegram."

Dick Eckert, technical training supervisor, flew from England to New York City on April 2nd following a three week stay in Cardiff, Wales, where he conducted a training program in the use of our Ignition Analyzer for BOAC personnel. One of Dick's fellow passengers, whom he met aboard the Boeing Stratocruiser, was Roland LaStarza enroute to this country after his recent London flight.

Over 70-million people have seen "We Saw It Happen", the 58-minute documentary film produced by United Aircraft Corp., in the three months since it was first telecast. The film, which was shown to Scintilla personnel a few weeks back, recounts the story of the growth of aviation through the informal recollections of aeronautical pioneers whose lives span the first half-century of powered flight.

One of the most welcome notices of the year went on the bulletin boards on April 7th: announcement of Scintilla's inventory and vacation period. In general, the notice states, there will be no factory operations from Monday, June 28th, to Sunday, July 11th, inclusive.

Behind the Cover

This month's cover marks another major milestone in Scintilla's 29 Years of Progress: the inauguration of a new Electronics Building at the West End of the plant.

Set against a background of component parts which go into the manufacture of coils, condensers and other electronic devices, Bendix Ignition Analyzer shows an interesting picture on its screen:

Lena Fletcher is pictured using a device similar to a cake decorator. It is ideal for injecting impregnating compound into the condensers she is filling.

Many other interesting operations will also be on view for Scintilla personnel, who will be given an opportunity to visit the new addition during May.

A complete story on the tours, along with other information pertaining to the Electronics Building, begins on Page 9 of this issue.



William H. McNutt

**Originated
Famous**

"Safety First"

Slogan



Frank McNutt



Above—McNutt Display in New York City in 1907.

Scintilla Man's Father Was a Pioneer in Safety

A SCINTILLA man in Department 99 has a lot more interest in "Safety First" than the average individual.

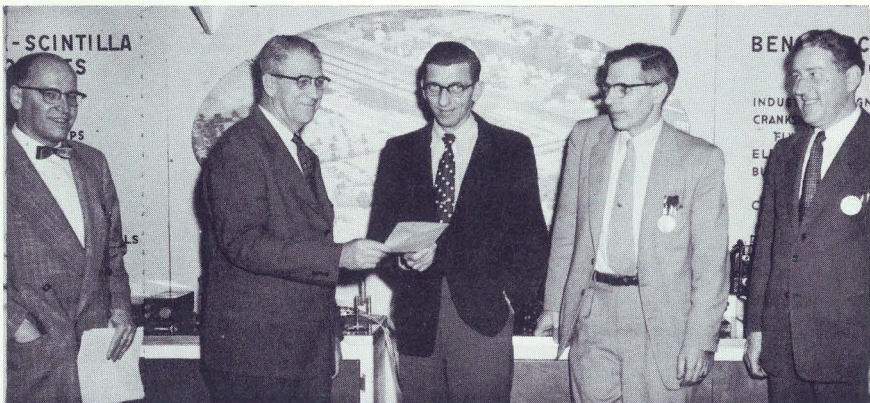
He is Frank McNutt, whose father, William H. McNutt, originated the "Safety First" slogan. One of the most widely used slogans ever devised, "Safety First" was a watchword in accident prevention as far back as the early part of the century.

A pioneer in the safety movement,

the elder McNutt held numerous patents covering devices for fire protection. A clipping from the Nov. 30, 1925, issue of the "SYRACUSE JOURNAL" referred to him as a "safety expert in many of the eastern states."

The article, written in connection with the State Safety Congress being held in Syracuse that year, reads in

Continued on page 7



FOLLOWING PRESENTATION of awards for winning safety slogans, Grand Prize Winner Gerald Konkle is shown here with group representing management. From l. to r.—Walter Michel, factory manager; E. M. VanName, supervisor of plant protection and safety; Mr. Konkle, Edward O. Kleiner, manager of production standards and estimators; and Russell Elander, safety engineer. Mr. Michel, commending winners of safety slogan awards for their part in reducing Scintilla's frequency rate by 40% and severity rate by 45%, told group this is an outstanding result of what can be done in accident prevention. Program was held in Training Center.

Gerald Konkle Winner of \$100 Bond in Safety Slogan Contest

Selection of the grand prize winner in Scintilla's Safety Slogan Contest was announced early this month. The winning slogan was submitted by Gerald W. Konkle of Dept. 17, who was presented a \$100 U. S. Savings Bond. A believer in the art of plain talk, Mr. Konkle's \$100 Bond-winning slogan was brief and straight to the point:

"If It Ain't Safe---Don't Do It"

The grand prize winner was picked by the judges after a careful review of all of the 1,102 entries submitted by Scintilla personnel since the contest opened on January 4th. It was conducted by the Safety Department in conjunction with the 29th Annual State-wide Accident Prevention Campaign spon-

SAFETY CAMPAIGN BULLETIN

As this issue goes to press, we have been informed by the Safety Department that Scintilla's 1954 Accident Prevention Campaign was a record-breaker. For the first time in the history of the plant, Scintilla personnel worked more than 1,000,000-man hours without a lost time accident. This record-breaking achievement was compiled in the final five weeks of the campaign. The thirteen-week campaign officially came to a close on April 3rd, but all Scintillites are urged to continue their good work in helping to prove that **SAFETY PAYS OFF**. A complete story and analysis of the campaign will appear in the May SCINTILLATOR.

sored by Associated Industries of New York State.

The judges included Walter Michel, factory manager; Frank Rettberg, advertising manager; William C. Pross, superintendent of the Experimental Department; Carlton Dwight, training supervisor; and William Schmidt, 1st shift supervisor of Dept. 48.

In addition to the grand prize winner the judges selected two monthly slogan winners for March, final month of the contest. These were announced as Thelma Curtis, Dept. 42, and Emma P. Kuhn, Dept. 44, both of whom were presented \$25.00 U. S. Savings Bonds. Their award-winning slogans follow:

"Guessed On His Job---Guest at the Hospital"

(submitted by Thelma Curtis)

*"Don't Put That Skid Just Anyplace---
You May Meet It Face to Face"*

(submitted by Emma Kuhn)



\$25.00 BOND WINNERS Thelma Curtis (Dept. 42) and Emma Kuhn (Dept. 44) are pictured here with **Frederick Richard Green**, Training Supervisor, and **Richard F. Pickett**.

Slogans submitted by thirty-nine Scintillites were selected as Honorable Mention entries. In an extension of the original slogan award schedule set up at the beginning of the contest, the judges decided to make bonus awards of \$5.00 for each of these. The complete list of Honorable Mention Winners follows:

ALBERTA M. YOUNG, DEPT. 99 "Workers Who Think First—Last"
 ERMA B. LEWIS, DEPT. 91 "Don't Gamble When the 'Guards' Are on the Table"
 JOHN W. LEE, DEPT. 81 "It Can't Happen to Me—Very Often Does"
 J. B. LANE, DEPT. 87 "Safety Is Your Best Accident Insurance—
 Don't Let It Lapse"
 VERNA W. BICE, DEPT. 99 "Safety Is Everybody's Business—
 Be Sure and Get Your Share"
 K. R. FLINT, DEPT. 84 "The COMBINATION to the SAFE in SAFETY is YOU"
 THELMA CURTIS, DEPT. 42 "Safety LESSONS—LESSEN Accidents"
 MOSES BOURGEOIS, DEPT. 6 "Safety Awareness—Your No-Accident Policy"
 KEN EASTON, DEPT. 17 "Safety Is Industry's First Line of Defense"
 MARTIN C. BOVEE, DEPT. 8 "If you KID About Safety, EWE May End UP
 Being the GOAT"
 FANNY FAIRCHILD, DEPT. 99 "From Little Cuts and Scratches—
 Big Infections Grow"
 JOHN RICE, DEPT. 99 "Don't Let the (Eyes) Have it—
 When It Comes to Grit and Chips"
 FRED MOHRMANN, DEPT. 72 "Our Best Bet in '54—Perfect Safety Record Score"

Continued on page 8



MANAGEMENT Conference recently featured General Manager George E. Steiner (center) as the main speaker. Shown with him are O. W. Hitchcock, quality control manager; Donald S. Jones, director of industrial relations; R. P. Lansing, vice-president and group executive of Bendix; and Walter Michel, factory manager.

Cream Is Off The Boom - -

Mr. Steiner Tells Management

General Manager George E. Steiner, featured speaker at the March Management Conference, recently told Scintilla management personnel that "the cream is off the boom of the last few years."

Using charts to illustrate his talk, Mr. Steiner pointed out that Scintilla, like most other businesses, is facing the maintaining of a substantial sales volume and commensurate earnings.

"We have to face the future in a very realistic way", he said, "as you should be informed that competition is really getting extremely keen."

Citing the importance of teamwork, the general manager said, "We must make some real efforts—more than ever before—to cut costs wherever possible at the earliest possible time."

Mr. Steiner comprehensively reviewed several phases of company operations during the past year and a half, summarized the standing of the Division as of today, and made a projection for the balance of 1954. In concluding his talk, he placed special emphasis on teamwork and savings, making specific recommendations as to how savings in cost should be accomplished.

R. P. Lansing, vice-president and group executive of Bendix Aviation Corporation, was present at the March 11th meeting and spoke briefly to the group.

Other speakers on the program were, Walter Michel, factory manager, and O. W. Hitchcock, quality control manager.

SAFETY FIRST from page 3

part as follows:

"One of the exhibits which is attracting unusual attention is that of William H. McNutt, of New York, inventor, who holds 65 patents covering devices for fire protection.

"He is showing a chemical extinguisher for use on automobiles and will give a demonstration in St. Mary's Circle Tuesday noon, showing how the device automatically puts out a gasoline flame.

"Mr. McNutt is closely connected with the safety move throughout the country, being one of the pioneers in the game. He originated the slogan "Safety First" which is now used internationally as the watchword not only in industrial campaigns for accident prevention, but also in state and civic campaigns.

"For more than 20 years he has given safety demonstrations in all parts of the world, showing how gasoline and other inflammable liquids can be handled safely and put out quickly if afire. He is classed as a safety expert in many of the eastern states, being called in in that capacity for investigations."

Mr. McNutt was awarded a medal by the American Institute of Social Service at the First International Exposition of Safety Devices and Industrial Hygiene in New York in 1907.

I wish to take this way to thank the many people for the sum of money that I received while I was out, and also for the cards and gifts that I received. It was surely appreciated. Many thanks.—Madeline Cash, Dept. 44.

I wish to express my thanks to the Scintilla Management and to my friends and co-workers for the fruit basket, gifts and cards which I received during my illness.—Marie Bernhard.

Many thanks to the Management of Scintilla and to the Management Club for the flowers received during my recent stay in the hospital. Also, many thanks to all my friends for the cards of best wishes received.—Edward Parise.

To the Scintilla Management:

I want to thank you folks an awful lot for the lovely flowers you have sent to me. I am feeling a little better now and I hope to be back to work soon.—William J. Anderson.

Springtime Jaunt; Swampland Haunt

♦ ♦ ♦

The swamp, in spring, was a beautiful place to spend an afternoon, and I always think of it as a tangle of brush and moss-covered stumps laced together with dozens of bubbling springs. A small creek wandered through the middle and there was even a waterfall—all of two feet tall—where the stream hesitated briefly and then rushed over a fallen log.

Large islands of pussy willows dotted the area, giving us our excuse to go hiking into the swamp. The quest for pussy willows would begin as soon as the snow had had a chance to seep into the soft ground. The actual gathering of them would wait until the last thing in the afternoon, however, so that we would be sure to have plenty of time for exploration.

Frog's eggs . . . chunks of moss . . . salamanders . . . skunk cabbage . . . cattails . . . a murky pool in which small bullheads swam—these were among the choice treasures the swamp had to offer for young boys.

When the afternoon sun had dipped low enough to make the swamp just a bit spooky, we knew that it was time to start gathering an armful of pussy willows. We made fast work of this, breaking them off one by one until we had all we could carry. Then we would head for home, with the choral music of peepers ringing in our ears long after the swamp had been left behind.

There is one other thing I remember particularly well about pussy willows. When I was real small, our second grade teacher showed us how to make cats out of them. This was done by pasting the pussy willows in a row on construction paper. A few simple lines added with pencil gave the furry body a head, whiskers, and tail. Then, with a final flourishing touch, we would draw a straight line beneath them all and have several cats sitting on a fence.

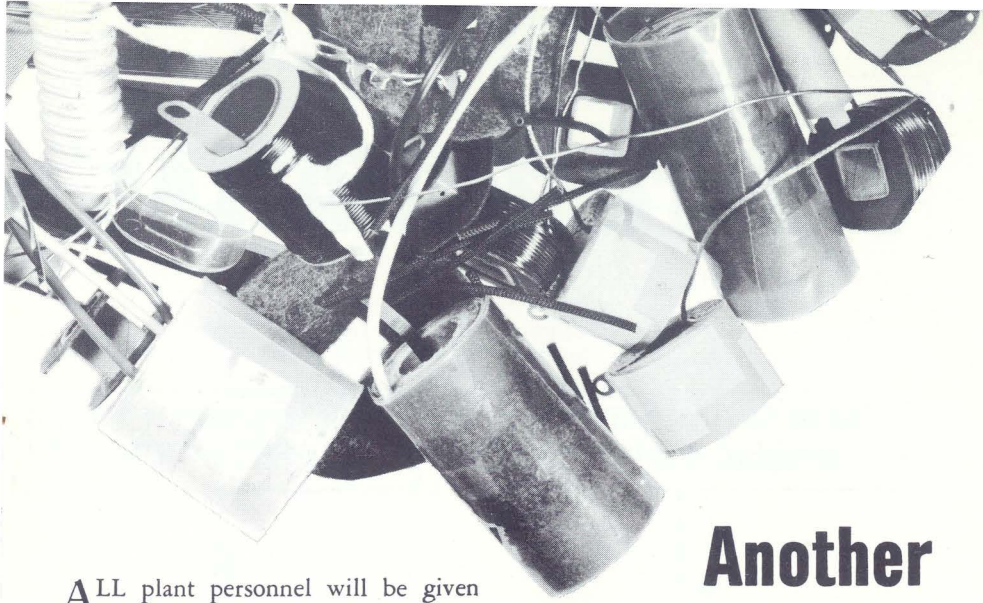
They looked real as life—to a second grader at Ward School No. 5.

HONORABLE MENTION WINNERS IN SAFETY SLOGAN CONTEST



Safety Slogan Contest Continued from page 5

- C. M. BROWN, DEPT. 17 "All right Brother! Take Chances and Scoff—
Learn the Hard Way That Safety Pays Off"
- ROY GILBERTSON, DEPT. 11 "I Pledge Allegiance to Patience and Care—
Against the Daily Threat of Accident Warfare"
- GLADYS S. WALKER, DEPT. 6 "Horseplay May be All Right for the Horses—
But It Is Neigh, Neigh for Anyone With Horse Sense"
- WILLIAM BENNETT, DEPT. 11 "Safety Is Like a Worn Shoe—
You Have to Watch Your Step, or You're Through"
- S. MURRAY, DEPT. 90 "Accidents Play a Poor Second to SAFETY FIRST"
- C. KELLY, DEPT. 11 "To Have Both Eyes Is Much More Fun,
Ask the Man Who Owns ONE"
- WENDELL BACHMAN, DEPT. 87 "Your Ancestry Is Showing, When You
MONKEY Around With Good Safety Habits"
- GWENDOL M. WHITNEY, DEPT. 6 "Take It Easy—There May Be a Coroner
Around Your Next Accident"
- MANUEL BICKOS, DEPT. 72 "Safety Can't Grow Unless We Weed Out the
Hazards"
- R. M. McPHERSON, DEPT. 5 "Work Safely Always All Ways,
Because Safety Always Pays"
- VERNA R. CORNELL, DEPT. 70 "Plenty of Caution and Protection
Used Together Build Accident Prevention"
- BARBARA V. SICKLER, DEPT. 44 "Pile the Trays Even on That Skid—
Save the Product and You, Too, Kid"
- ART FAIRCHILD, DEPT. 94 "Man Alive—He Wore Protective Equipment"
- RICHARD WIEDEMAN, DEPT. 37 "A Worn Heel or a Shoe String Loose—
May Cause a Fall That Will Cook Your Goose"
- THOMAS DeMULDER, DEPT. 8 "Safety—Forget It Then Regret It"
- RAYMOND SHAFFER, DEPT 92 "Plant Safety and Harvest Security"
- VIRGINIA DERRICK, DEPT. 74 "Safety Concentration Eliminates
Accident Compensation"
- HOWARD FELL, DEPT. 100 "Your Safety Is As Strong As Your Weakest Think"
- IVA POTTER, DEPT. 81 "Today's Carelessness Makes Tomorrow's Headlines"
- EUGENE H. CONVERSE, DEPT. 99 "Put Safety First and Last Longer"
- RICHARD B. CORDES, DEPT. 6 "The Best Safe Guards Do Not Make the Best
Workers—But Safe Workers Do Make the Best Safe Guards"
- GEORGE TERWILLIGER, DEPT. 92 "Accidents Like Weeds Can Destroy Many
Hours of Hard Labor"
- JOHN E. GEISELMANN, DEPT. 70 "A Safety Program Is On the Beam When
Everyone Is On the Team"
- EMMA P. KUHN, DEPT. 44 "To Work Safely or Not—That's Your De-
cision, But Please, It Reflects on the Whole Division"
- J. M. FRANK, DEPT. 80 "Accidents Happen Quicker Than a Wink!—
Safety Rule: Stop, Look and Think"
- MADELYN PIRONE, DEPT. 6 "Carelessness Just Does Not Pay the Bills
That Keep the Wolf Away"



Another Big Step Forward

ALL plant personnel will be given an opportunity to inspect Scintilla's new Electronics Building, it was announced this week by Walter Michel, factory manager. Guided tours through the new addition will start early in May, he said. Employees will be scheduled by departments for the "Electronics" tour.

Setting the pace for progress in a highly specialized field, the Electronics Building is another important step forward at Scintilla. It represents a major expansion of plant facilities, increasing total floor area by 33,000 square feet.

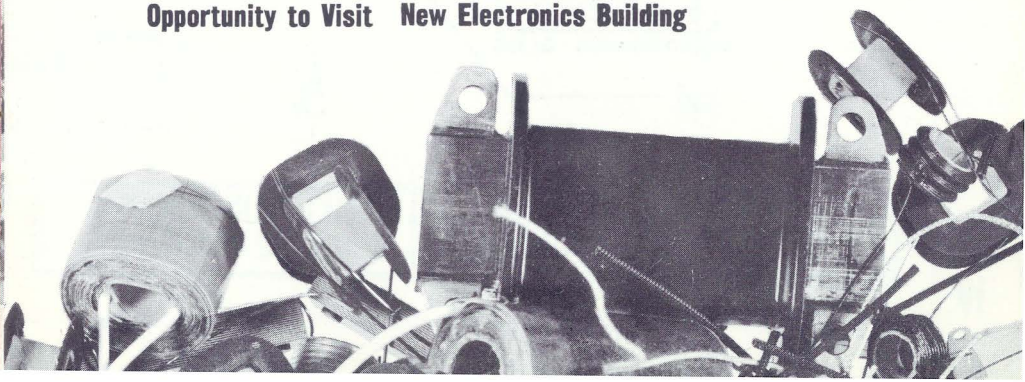
Seventy per cent of the area will be air conditioned, it was pointed out, to maintain high quality manufacturing standards in vital phases of pro-

duction. Special housekeeping regulations have been set up as a safeguard in helping to keep the area free from dust, dirt and other foreign matter which would contaminate various products. A summary of these regulations appears on Page 9 of this issue.

The Electronics Building is roughly divided into two large parts—the air

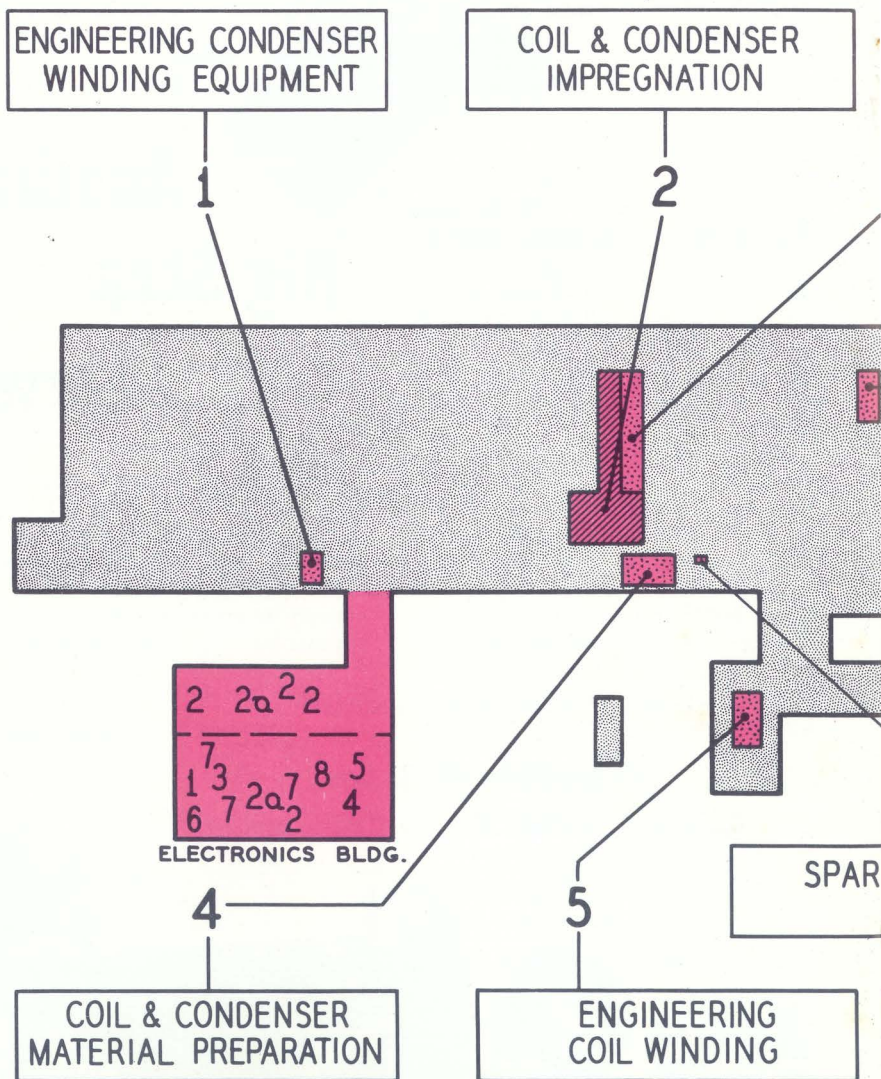
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**All Scintillites Will Be Given
Opportunity to Visit New Electronics Building**



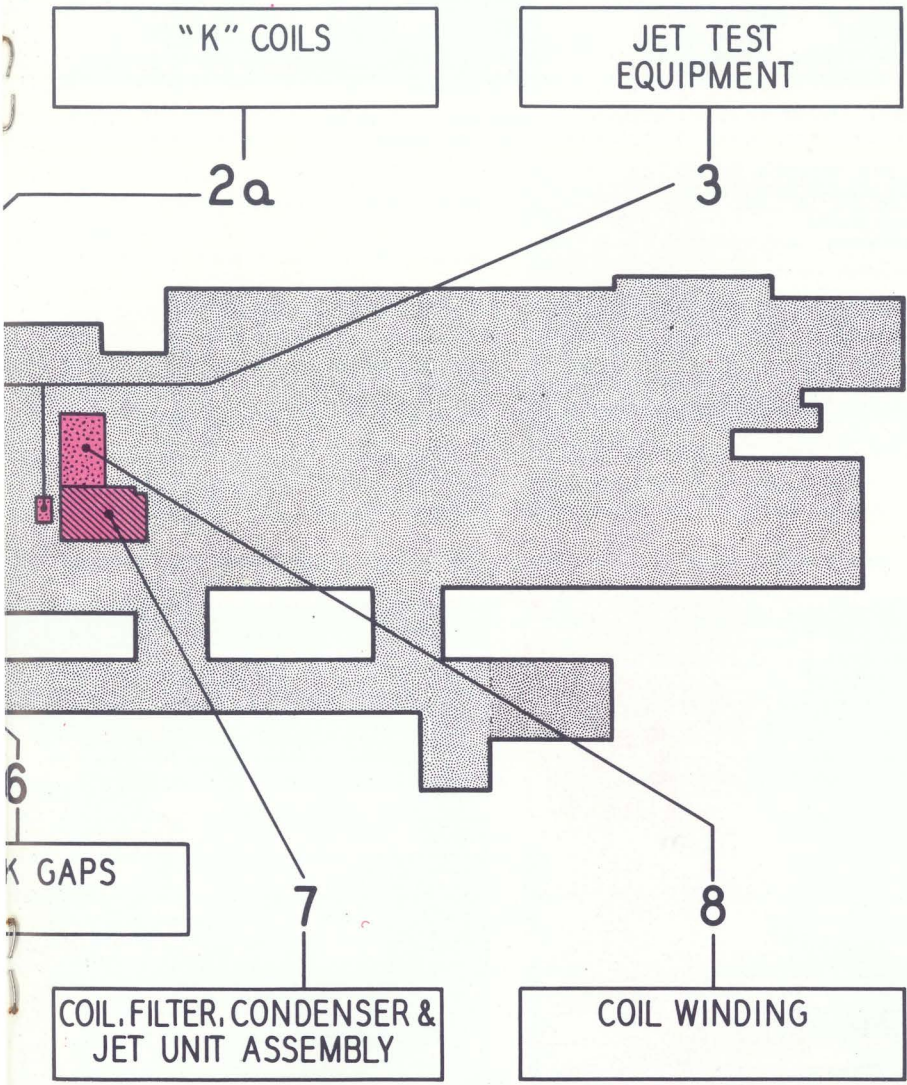
Before and After

The addition of a new Electronics Building at Scintilla recently increased total floor space by 33,000 square feet, permitting the consolidation of operations pertaining to the manufacture of coils, condensers and electronic devices in one area. Diagram of the plant



A DIAGRAM SHOWING CONSOLIDATION MADE POSSIBLE BY ELECTRONICS BUILDING

shows Electronics Building and connecting wing in color. Smaller areas of color in main plant designate departments where these operations were formerly carried out; transfer of equipment from scattered areas to Electronics Building has been under way for month.





ABOVE GROUP is shown working on preliminary assembly of coils prior to filling with compound. Scene is typical of many operations in new Electronics Building.

ELECTRONICS

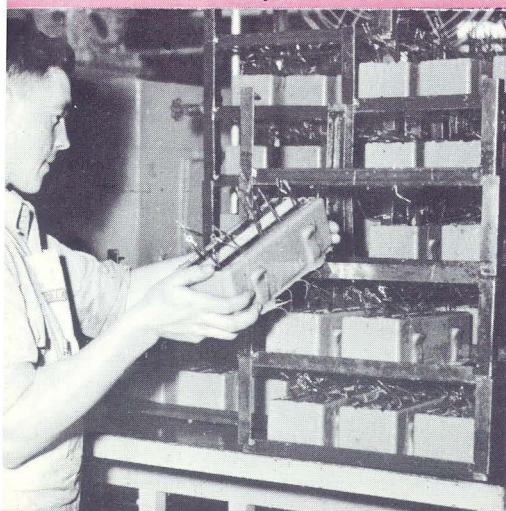
conditioned section and an impregnating room. A section of the building has been set aside for Engineering development in connection with the winding of coils and condensers. Also included in the floor plan are areas for inspection and material storage.

Production operations in the new building will be devoted to the precision manufacture of coils, condensers, filters, spark gaps and jet ignition

units for the aircraft, automotive, agriculture, marine, and petroleum fields. Recent engineering advances in these fields have led to a wide diversification of products at Scintilla. These include over 50 varieties of ignition systems for many industrial, commercial and consumer applications—from jet engines and Diesel locomotives to out-board motors and lawnmowers.

Coils and condensers, being an integral part of almost every system manufactured here, are a big production

MULTIPLE MOLDS for "K" coils are shown in this photo of H. Goodrich.



GERALDINE ALDRICH of Dept. 38 performs an operation on R-2800 coil





DEPT. 38 GROUP is pictured here making sub-assemblies for jet ignition units.

item at Scintilla. Development of jet ignition equipment in the past several years has greatly boosted the need for condensers, while the advent of the low tension ignition system shortly after World War II increased coil requirements.

Inauguration of the Electronics Building early next month will mark the occasion as the first time in several years that all coil and condenser operations have been in one location.

Continued on page 14



JIM DELANEY is pictured buffing coils following molding process.

COIL WINDING operations, long a fixture in area next to Magneto Test Room, will have been transferred to Electronics Building by the time this issue is out.





WEARIN' OF THE GREEN—If this St. Patrick's Day photo was in color, you would note the green carnations being worn by these Dept. 48 ladies. Photo includes Jean Riddell, Eva Begeal, Edrie Ibes, Annice Garrison, Marg Jensen, Lula Alford, and Jenny Schaffer. Group is working on Electrical Connector assemblies.

ELECTRONICS

Transfer of equipment from several scattered areas in the plant has been under way for the past month. The bulk of the equipment has come from Departments 38, 42, 44, Methods, and the Dept. 42 Test Room. About 300 people will work in the new building.

Careful attention has been given to the floor layout in order to provide maximum efficiency. Product flow has been arranged to keep units moving in one direction, greatly reducing lost time in transportation between operations. The floor plan also provides for a general segregation of each type of unit made.

HOUSEKEEPING REGULATIONS

In order to improve the quality of our products, the **ELECTRONICS BUILDING** has been provided for the manufacture of electronic products. In formulating the specific regulations to be in effect in this building, all possible consideration has been given to provide you with pleasant working conditions. So that we may get the full benefit from these facilities, all employees, whose work requires them to be in the building, must observe the following regulations:

1. Clean your footwear thoroughly prior to entering the department.
2. Employees are not to bring overcoats, hats, overshoes, rubbers into the department. They may bring lunch boxes, handbags and personal tools.
3. Employees are to eat at designated benches only.
4. Employees working on condenser making, preparation, winding, and mica stacking operations are to wear smocks at all times.
5. No decorations or eating parties are to be allowed.
6. Only those operators working in the Electronics Building are allowed to eat in the air conditioned room.
7. There is to be no eating allowed in the impregnation room.
8. Emergency exits and windows are not to be opened unless in emergency. Employees are to use clock area exits only.

G. E. Steiner,
General Manager

Bendix Starts Industry Atom Power Study

A research program on new applications of atomic power to non-military projects will be undertaken by the Bendix Aviation Corporation as a result of a study agreement with the Atomic Energy Commission.

Results of the year's program to be undertaken by the corporation's nuclear engineering staff will be summed up in a report of its findings to the Commission, according to a company announcement. The study agreement, the company explained, conforms with the AEC policy of encouraging industrial developments of non-military applications of atomic energy.

The report will make recommendations concerning the role of private industries in the atomic energy field. It is also expected, the company said, that new reactor designs and certain uses for radioactive isotopes or fission products may evolve from the re-

search.

Malcolm P. Ferguson, Bendix president, said that the corporation "has long believed that there is a strong need for the industrial development of atomic power."

Through the study, he said, the nuclear engineering staff will draw upon the corporation's experience in the fields of electrical controls and servo-mechanisms. The staff will also consider the economic engineering and technical aspects of atomic power plants in comparison to other types.

Mr. Ferguson said that apart from large public utility reactors, Bendix engineers also are interested in the design of relatively mobile reactors capable of producing sufficient horsepower to take over power loads in disaster areas.

"When disaster strikes, damaging an area's power supply, rescue operations are greatly hampered until power is restor-

ed", he pointed out. "We believe it may be practical to design atomic power plants small enough to set on railroad cars which could be rapidly transported to disaster areas.

"Such use was suggested by Rep. W. Sterling Cole, chairman of the Joint Congressional Committee on Atomic Energy, who cited the possibility of mobile or floating reactors for disaster areas in peacetime or bombed-out military beachheads in the event of war," Mr. Ferguson said.

The Bendix president added that such a reactor, if determined to be economically practical, might also be used to furnish power for mining operations or to supply electricity in places where it is impractical to establish permanent electrical generating plants.

— ♦ —

Many an optimistic appetite is coupled with a pessimistic digestion.



SIGNS OF THE TIMES—Historic moment arrives at Scintilla as "Magnet" is removed from Division's name over front entrance. Decision to drop the "Magnet" was made recently because of Scintilla's greatly expanded activity in other fields during the past several years. We're now known as the Scintilla Division.

PROMOTIONS ANNOUNCED FOR FOUR



KARL WOYTEK . . .

Promoted to Assistant Supervisor, Tool & Machine Design. He is a graduate of Scintilla's four-year Apprenticeship Training Program in Tool Making. Was promoted to Tool Designer in 1940, continuing in this position until 1953. He is a Navy veteran.

BLAINE H. KING . . .

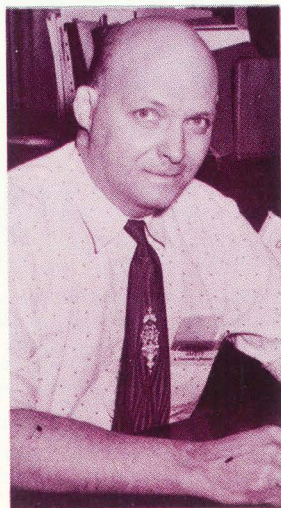
Promoted to Project Engineer, Research. Graduated from the Georgia Institute of Technology with a B.S. degree in Electrical Engineering. Prior to his association with Scintilla as a Senior Research Engineer in 1951, worked in the engineering department of the American Locomotive Company. A veteran of World War II, he was a 1st Lt. in the Air Force.



It certainly pays to advertise. There are 26 mountains in Colorado higher than Pike's Peak.

JAMES LYNCH . . .

Promoted to District Application Engineer. A veteran of three years of service with the Army Signal Corps, he joined Scintilla in 1952 as a Sales Specification Engineer. He is a graduate of Cooper Union and has a B.S. degree in Electrical Engineering.



ANDREW PETERSON . . .

Promoted to Supervisor, Tool & Machine Design. A graduate of Hartwick College, has been associated with Scintilla since 1940. For the past two years he has been Assistant Supervisor of Tool & Machine Design. In recent years he has also acted as an instructor in mathematics and tool design in Scintilla's Apprenticeship Training Program.

Management Club Makes Visit to Utica Division

Members of the Scintilla Management Club got their first look at the Utica Division of Bendix Aviation Corporation on April 7th.

About 162 members of the organization made the Utica visitation, which included a dinner and tour of the plant. Trans-

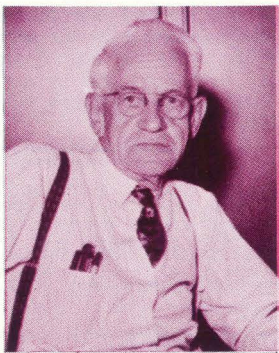


portation was provided by bus and private cars.

Following dinner in the Utica Division's cafeteria, the Scintilla men were welcomed by D. M. McGrath, general manager. General information about the Division, its products and their applications was also provided.

The Utica Division, which came into being in 1951, is engaged in the manufacture of Aircraft Starters (electrical), Combustion Starters, Electronic Amplifiers, Gyro Instruments, Aircraft Accessories, and Aircraft Generators.

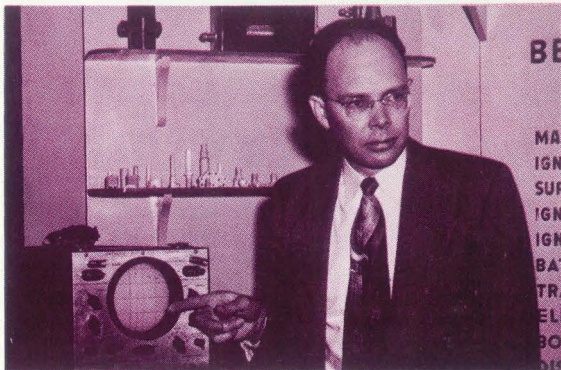
Ralph Cumber Retires After 28 Years Here



Ralph Cumber, veteran Scintillite, retired early this month after more than 28 years of service.

One of this Division's first employees, Ralph helped install the machinery at Scintilla when operations started. He

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W. C. Smith Gives Radio Shielding Talk

Whitfield C. Smith, project engineer—research, has recently presented a lecture on radio shielding to groups from the Engineering, Inspection, and Production departments. Held in the Training Center, a total of 129 attended.

By means of charts, diagrams and demonstrations, Mr. Smith explained the theory and practical applications of radio shielding as applied to ignition systems for both reciprocating and jet engines.

Tullio Tognola, chief engineer—research, informs us that the lecture material, with a question and answer section, will be assembled into a booklet. This will be distributed to all interested Scintilla employees for ready reference during the designing, manufacturing and testing of ignition systems.

Mr. Smith, who joined the Scintilla Division in 1942, was recently nominated Secretary of the Radio Shielding Subcommittee of the Society of Automotive Engineers.

Blue Badgers Plan First Spring Dance

Members of the newly organized Scintilla Blue Badge Club will hold their first Annual Spring Dance on Saturday evening, May 1st.

The dance, first social event to be scheduled by the organization, will be held in the Elks Club, Oneonta, from 9 to 1.

Officers elected at the March meeting included the following:

Don Laraway, president; Karl Woytek, vice-president; Helen Sweeney, secretary; Audrey Law, treasurer; and Directors H e n r i Carrere, Mat Loughney, Dorothy Greene, Paul Carney, Denny Crandall, Larry O'Brien, and Eda Ross.

BARTER COLUMN

A service for employees of Scintilla Magneto Division, conducted without charge. All articles advertised must be the personal property of the employee. Ads of a commercial nature are not acceptable.

FOR SALE: .22 LR Hi Standard Automatic target model, 6¾ barrel; 2 clips, sheepskin lined holster and 1,000 rounds .22 LR. Will sell very reasonable. Gerald LaClair, 116 River St., Sidney.

FOR RENT: Apartment, 6 rooms and bath. Frank McNutt, Phone Franklin 107R4.

FOR SALE: Lake front cottage on Silver Lake near New Berlin; also, 3 acres of land suitable for building in rural location. Frank McNutt, Phone Franklin 107R4.

FOR SALE: Summer cottage at lake, good price for quick sale; also, girl's full size bicycle. Edith Waldron, Phone Sidney 5533.

FOR SALE: Two wheel utility trailer, metal box, 600x16 tires; \$60.00. Ted Martin, 23 Winegard St., Sidney.

FOR SALE: 24-foot all aluminum house trailer. Possibly would be willing to trade for a smaller one. Phone Sidney 4893.

FOR SALE: 120 bass Moreschi accordion, 3 years old, in good condition. Barbara Harrington, Phone Sidney 6605 after 5:00 p.m.

FOR SALE: Approximately 8 acres, Route 7B near East Sidney Dam; wonderful location to build a home or park a trailer. Ernest Brodie. Phone Guilford 6-2478.

LOST: Eastern Star ring; black onyx with gold star engraved. Reward. Dorothy Owens, Dept. 99.

FOR SALE: House at 21 River St., Sidney; two apartments. Inquire Clark

Darling, 28 W. Main St., Sidney.

FOR SALE: Two wheel box trailer, 500-pound capacity. Erling F. Hellan, 32 Union St., Sidney.

FOR SALE: Two male Beagle hounds, 1½ years old. Burton Brigham, 81 State St., Oxford.

FOR SALE: Haywood-Wakefield high chair, in good condition. Call at 106 River St., Sidney after 5:30 p.m.

FOR SALE: Large power lawn mower; also, 1931 Model A Ford Coupe. Ferris Edwards, Phone Unadilla 2987.

FOR SALE: Gasoline engine, 3½ h.p. Calvin Mugglin, Phone Sidney 3913.

FOR SALE: 4x6 wood box trailer, equipped with lights and safety chains; will sell cheap. R. Voltz, Phone Sidney 3651.

FOR SALE: House in strictly residential section of Unadilla; 4 rooms and complete bath upstairs, 4 rooms and complete bath downstairs. Piped hot air furnace, good plumbing (mostly copper), garage attached; lot size approximately 80' x 160'. Write or Phone Fred Frewert, R. D. 1, Guilford. Phone Guilford 6-2301.

WANTED TO RENT: By mid-June or 1st of July—house or small farm, with minimum of 5 rooms on one floor; central heat, bathroom, hot water. Box A51, Mt. Upton, or Phone Gilbertsville 60Y31.

My sincere thanks to the Scintilla Management, to the Management Club, and to the Service Dept. for the nice fruit baskets which were sent to me during my recent stay in the hospital. Also, thanks to all who sent cards and visited me. All of these contributed immeasurably to my recovery.—Bob Wickham.

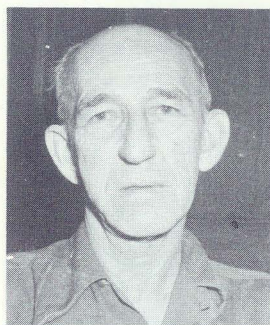
I wish to thank the Scintilla Management for the beautiful bouquet of flowers sent to me while I was in the hospital; also many thanks for the cards and acts of kindness from everyone at Scintilla to the members of my family and myself.—Bob White.

I wish to thank the Service Dept. for their basket of fruit and flowers; the girls and Mr. Case of the Air Force office for flowers, and the many cards, letters and calls from other friends and co-workers of Scintilla during my recent recovery from the automobile accident.—Marian A. Hofmann.

I wish to thank the Sales Dept. for their gift of money and the many cards, letters and calls from other friends and co-workers of Scintilla during my recent recovery from the automobile accident.—Gladys A. Chantler.



Mr. Merritt



Mr. Campbell



Mr. Kinch



Mr. Allen



Mr. Yarter



Mr. Linderman

Ralph Cumber

set up the tool crib in 1926 and supervised this phase of Scintilla's operations during most of his 28 years here.

Prior to his association with Scintilla on August 16, 1925, Ralph had already compiled enviable service records with two other Sidney companies — 11½ years with the Kayser Silk Mill and another 11 years with the Cortland Cart & Carriage Company.

Old Fort Niagara, at Youngstown, New York, is one of the oldest fortifications in America. It was first fortified in 1678

SALUTE TO SERVICE

Name	Dept. No.	Anniversary Date
CELEBRATING 25 YEARS OF SERVICE		
Andrew Yarter	48	March 9
CELEBRATING 20 YEARS OF SERVICE		
Robert J. Campbell	30	March 6
Walter Merritt	90	March 19
Charles Kinch	9	March 20
Frank B. Allen	30	March 20
Richard C. Linderman	3	March 26
CELEBRATING 10 YEARS OF SERVICE		
Mary Nickerson	33	February 13
Elizabeth More	81	February 19
George Holden	91	April 6
Vincent Carmody	100	April 24
Walter Harby	28	April 2
John Sloan	34	April 3
Arnold Fancher	47	April 3
Mary Miller	48	April 24
Vivian Davis	99	April 29
Dorothy Smith	99	April 4
Gladys Weidman	99	April 8

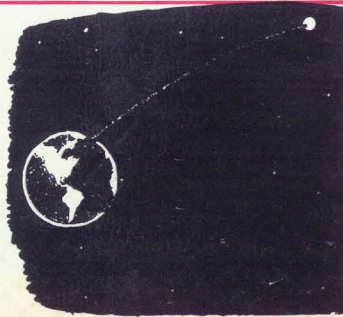
DID YOU KNOW ...?

A *COIL WINDER* AT SCINTILLA
WINDS ENOUGH WIRE IN A *SINGLE*
DAY TO REACH FROM HERE TO
NEW YORK CITY AND BACK!



THE CAPACITY OF THE AIR
CONDITIONING UNIT IN THE
ELECTRONICS BUILDING
WOULD PROVIDE A COMPLETE
CHANGE OF AIR 6 TIMES A
MINUTE IN THE AVERAGE HOME.

AN *ULTRASONIC* DEVICE
USED IN THE IMPREGNATING
PROCESS FOR SCINTILLA'S
COILS & CONDENSERS HAS A
SHAKING ACTION OF 1 MILLION
TIMES A SECOND - OR ENOUGH
MILKSHAKES IN 8 HOURS TO
REACH TO THE MOON!



SCINTILLA DIVISION
BENDIX AVIATION CORPORATION
P. O. BOX 188
SIDNEY, NEW YORK, U. S. A.

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