

The Scintillator

September, 1954



PUBLISHED MONTHLY BY
SCINTILLA DIVISION
OF
BENDIX AVIATION CORPORATION
SIDNEY, NEW YORK
G. E. STEINER, GENERAL MANAGER

OFFICERS OF
BENDIX AVIATION CORPORATION
M. P. FERGUSON President
R. P. LANSING Vice-President
and Group Executive
W. H. HOUGHTON Treasurer
H. A. GOSSNER Secretary
Vol. XIII September, 1954 No. 3
MANAGING EDITOR Carlton Dwight
Training Supervisor
EDITOR Denny Crandall
PHOTOGRAPHERS Harry Earl
Norman C. Meagley
Monroe P. Dixon
CONTRIBUTORS
Employees of Scintilla Division



A DISTINCTIVE mark of identity stamped Blue Badge Club members participating in the Club's Bar-B-Q and Treasure Hunt on Saturday, Sept. 18th. They were issued sun visors with Bendix Aviation Corporation imprinted on the front. The visors, which were prepared by Bendix for distribution at the National Aircraft Show in Dayton, Ohio, are appropriately printed in—you guessed it—BLUE.

At the height of the army worm scare in this area, ingenious members of the Tool Room came up with their conception of an army worm Armored Division. Using an Orson Welles approach, they placed worm-like twists of metal on display for passersby to see. Sure enough, the twisted bits of metal looked very much like the dread army worm that was reported to be marching across area corn fields.

IT COULD HAPPEN ONLY ONCE IN A LIFETIME: Dick Coats lost his watch at the Management Club Clambake when it disappeared from the log rail by the parking area where he had laid it while playing football—and where do you think it turned up two days later? Safely back in Sidney where it was found lodged in the grillwork of John McKinney's car. Jouncing over some rough roads failed to dislodge it and it would probably still be there, if John hadn't happened to make a rare inspection of the front of his car that day.

Dick Warring, president of the Scintilla Management Club, and Cecil Stearns, Dept. 38 foreman, leave September 22nd to attend the Annual Convention of the National Association of Foremen. The two Scintilla men plan to fly to this year's convention site in Cincinnati.

Did you catch the recent Reader's Digest article telling how Leonard E. Rasmussen of the Cincinnati Division sold the Bendix "Dosimeter" to the Army? The Reader's Digest story described the Bendix "Dosimeter" as "the first foolproof device for measuring radioactivity in a person exposed to an atomic blast... It has a new kind of quartz fiber so sensitive it can determine radiation to a fraction, yet (is) so rugged it can be bounced off a stone wall without affecting its accuracy."

Foreman John Bussey of Dept. 42, a recent 25-year man, has lived at his home in Unadilla one day longer than he has worked at Scintilla.

Behind the Cover

October 3-9 is Fire Prevention Week, a time when national publicity will be focused on the prevention of fires.

For hundreds of thousands of people, however, Fire Prevention Week is a failure each year. They are the victims of this country's 900,000 yearly fires. Many of them lose their homes or their jobs—11,000 of them lose their lives.

In order of their frequency, the seven principal fire hazards in the home are: Matches and Careless Smoking, Defective Chimneys, Misuse of Electricity, Defective Heating Apparatus, Combustible Roofs, Kerosene and Other Flammable Liquids, and Rubbish.

Human carelessness is responsible for most of our fires. Only people can prevent them, and Fire Prevention Week will be a success only if it inspires us to eliminate hazards which may cause fires in our homes.

In smaller communities, such as Sidney, volunteer firemen are the backbone of fire protection units—but "Fire Safety Is YOUR Job Too."

Our man on the cover is Wes Marr of Dept. 29. Wes, who is a First Lieutenant in the Phelps Hose Co., is also Assistant Chief of the Scintilla Fire Brigade.

the BRIEFCASE

● Dozens of Social Security changes have been written into law recently to bring bigger benefits to more people. Starting in October, people already retired under Social Security will get increases ranging from \$5 to \$13.50 per month. For those retiring in mid-1956 or later, Social Security maximum can go as high as \$108.50 a month for a retired worker who is 65 or older.

● Bendix Aviation Corporation is listed among the 100 largest manufacturers in the U.S.

● American businessmen have taken to the skies in such numbers that today's fleet of business planes is almost 17 times larger than that operated by the nation's fleet of domestic airlines. Latest figures show that business planes now number 21,500---of which 2,437 are multi-engined and 19,063 are single-engined.

● Population in the U.S. will reach 163 million by the end of this year. Over 1,500,000 babies have already been born this year to put 1954 ahead of '53 birth rate. Growing nation has growing needs that are good for business.

● Ten year survey conducted by the U.S. Chamber of Commerce shows that for every 100 new industrial jobs created in a community, 74 non-manufacturing jobs come into being. Some of the economic benefits of 174 additional jobs: Population increase in community of 296...personal income increased by \$590,000...retail sales up \$360,000 a year...4 new businesses started...bank deposits increased \$270,000...107 additional automobiles...70 new resident phones. 3

International Ignition Conference

IGNITION specialists of the world convened at "Ignition Headquarters" in Sidney early this month to attend the first International Ignition Conference ever to be held in this area. Scintilla was host to 75 delegates from four continents. The conference came to a close on September 2 following three days of technical sessions in the auditorium of the Pearl Street Elementary School. Domestic and foreign airlines, military air services, the Civil Aeronautics Authority, engine and spark plug manufacturers were represented.

The conference was opened by General Manager George E. Steiner amid an impressive setting of microphones, recording apparatus, product displays, and identification cards bearing emblems of the groups represented. The importance of the meeting was signaled by the United Nations-like atmosphere that hovered in the auditorium as delegates from Spain, Sweden, Great Britain, South Africa, Canada, The Netherlands, France, and South America settled down to work beside representatives from the United States. The registration list showed an abundance of the most prominent names in domestic and foreign aviation: American, Braniff, Delta, Eastern, National, Northwest, Pan American, TWA, United, Iberia, SAS, Aeronaves, BOAC, KLM, Air France, South African,

Scintilla Host to Delegates from Four Continents; Eleven Nations Represented at "Ignition Headquarters"

Trans Canada, Servicos Aeros, Cruzeiro Do Sul, LAV, and Avianca.

In addition to the twenty-two airlines—operating over a network of airways that girdles the globe—two engine manufacturers and three spark plug manufacturers were represented: Pratt & Whitney Aircraft, Wright Aeronautical, Champion, A. C. Division of General Motors, and the B. G. Corporation. Military air services in this country and Canada also sent representatives.

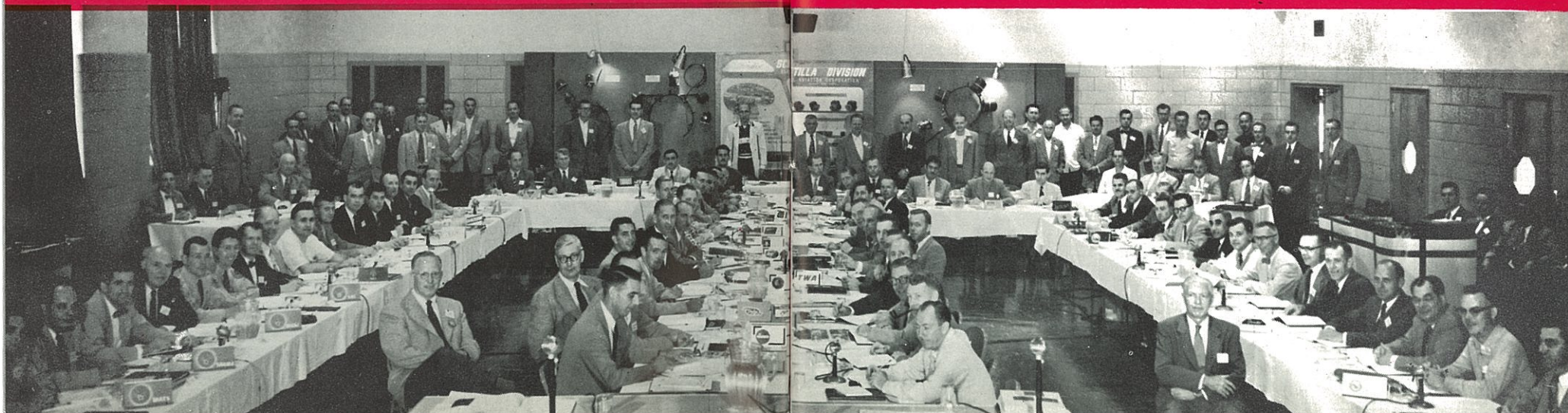
Staff members from four national publications were present to cover the conference, and their stories will be appearing in "Aviation Week", "Aviation Age", "Automotive Industry", and "American Aviation."

Highly technical in nature, such conferences contribute much toward greater operating efficiency and economy, benefiting the world's air travelers.

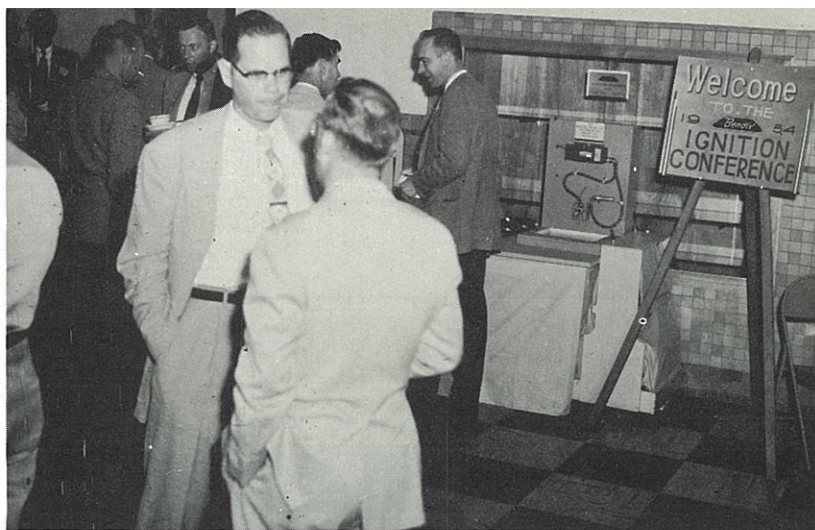
The agenda included a report on engineering activities by H. C. Welch, chief field engineer, and forum discussions on high and low tension ignition systems for aircraft engines. Moderators at the sessions were W. S. Campbell, assistant service manager, and Mr. Welch, who, with Advertising Manager Frank Rettberg, made up the general conference committee.

In connection with Mr. Welch's report, a sound movie produced in Scintilla's engineering laboratory was

Continued on page 6



INTERNATIONAL IGNITION CONF.



DURING breaks between sessions, informal discussions of a lighter nature took place in corridors where displays were set up.



AT THE END of a busy day, delegates leave for area hotels and motels.



MANNING recording machines are C. Stow, C. E. Shader and R. Eckert.

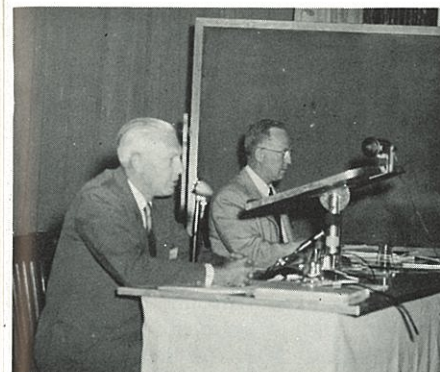
shown to the delegates. Produced by a high-speed camera capable of capturing the flight of a bullet to its target, the ignition specialists were given a slow motion study of magneto breaker action and the effects of vibration on ignition equipment. The camera is

one of the techniques used by Scintilla engineers to study the effects of vibratory forces encountered under actual operating conditions.

Conference sessions closed early the second afternoon for a recreation break and clambake at the Canasawacta



G. E. STEINER, general manager, opens conference with a personal welcome.



MODERATORS at the three-day conference: H. C. Welch and W. S. Campbell.



CONFERENCE came to a close with a tour of Scintilla. Group is shown at front entrance.



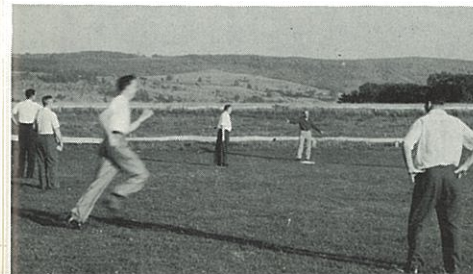
SCINTILLA girls typed minutes from recorders: Joan Taylor, Irmgard Beyen, Barbara Cacciottoli.

Park Pavilion north of Norwich. For the foreign representatives particularly, this was an innovation and a welcome departure from the formal banquets that mark most conferences.

On the closing day of the conference Factory Manager Walter Michel

gave an interesting and highly informative talk on Scintilla's manufacturing cycle and contributing factors. Illustrated with slides, Mr. Michel's presentation was given as background information in preparation for a plant tour taken by the delegates

On Second Evening of Conference Visitors Took Part in a Variety of Recreational Activities and were Guests of Scintilla at a Clambake.





QUEEN CLARE, left, and Irene Skrypek of Endicott take time to meet Flora, prize Guernsey at State Fairgrounds. (Photo Courtesy of Star)

An American Beauty At Scintilla



A PRETTY, 19-year-old Scintilla stenographer was chosen to reign as Beauty Queen over a four-county area last month.

She is hazel-eyed, brown-haired Clare Garnsey of Sub-contracting. Winning top honors over 22 other area beauties, she represented Otsego, Delaware, Schoharie and Chenango counties in the State Fair Queen Contest at Syracuse.

Sponsored by "The Oneonta Star", the contest to pick a regional queen was held August 19th in Bresee's Fashion Center before a crowd of more than 1,500 onlookers. Queen Clare was presented with a \$150 black and white matching outfit and a bouquet of American Beauty roses.

Clare, who came to Scintilla a year ago in July, is stenographer for Arthur W. Dietrich. Her ties with Scintilla are solid, for her parents—Mr. and Mrs. J. Donald Garnsey—both work here, Lill in the Navy Office and Don in the Sales Department.

Scintilla's Queen Clare went on to place high in the finals at Syracuse. Judging from the photos, we're sure our readers will agree that Clare will be winning beauty contests for a long time to come.



QUEEN CLARE—On the job at Scintilla.

Soucek to Speak at Scintilla

Members of the Scintilla Management Club are preparing for a visit here next month by Rear Admiral Apollo Soucek, Chief of the Bureau of Aeronautics, Navy Department.

Adm. Soucek has accepted a request to speak at the organization's first fall meeting on October 13th. He will fly to Sidney from Washington.

Adm. Soucek, who has a distinguished naval career that spans more than three decades, set world altitude records for both land and sea planes in the late twenties and early thirties.

Using a Wright "Apache" powered with Pratt and Whitney Wasp engines, he climbed to a height of 39,140 feet on May 8, 1929, to better the record established by another officer in the same plane two years earlier. On June 4, 1930, he set a new altitude record for land planes when he reached a height of 43,166 feet, exceeding by 1,044 feet the record set previously by a German aviator.

During World War II Adm. Soucek was Executive Officer on the USS Hornet when the famed aircraft carrier was lost in the Battle of Santa Cruz Islands on October 26,

1942.

He was aboard the Hornet when she carried Army planes toward Japan and launched them for General Doolittle's famous bombing strike against Tokyo in April 1942. The part played by the Hornet and her Air Group Eight in the Battle of Midway, when the Japanese Navy suffered the first decisive defeat in 350 years, is one of the epics of American history.

Adm. Soucek, who has discharged a number of meritorious assignments in his naval career, was in charge of fitting out the USS Franklin D. Roosevelt, assuming command of the aircraft carrier upon her commissioning in October, 1945. In August 1946 he was designated Commander Fleet Air Wing One, and a year later became Commanding Officer of the Naval Air Test Center, Patuxent River, Md.

In January 1951 he was designated U. S. Naval Attache and U. S. Naval Attache for Air in London, England. He remained in London until

A six-jet bomber recently flew the equivalent of 15 times around the world without overhaul of any of its six engines.

November 1951, and following brief duty in the Office of the Chief of Naval Operations became Commander of Carrier Division Three. On June 18, 1953, he was appointed Chief of the Bureau of Aeronautics for a term of four years.

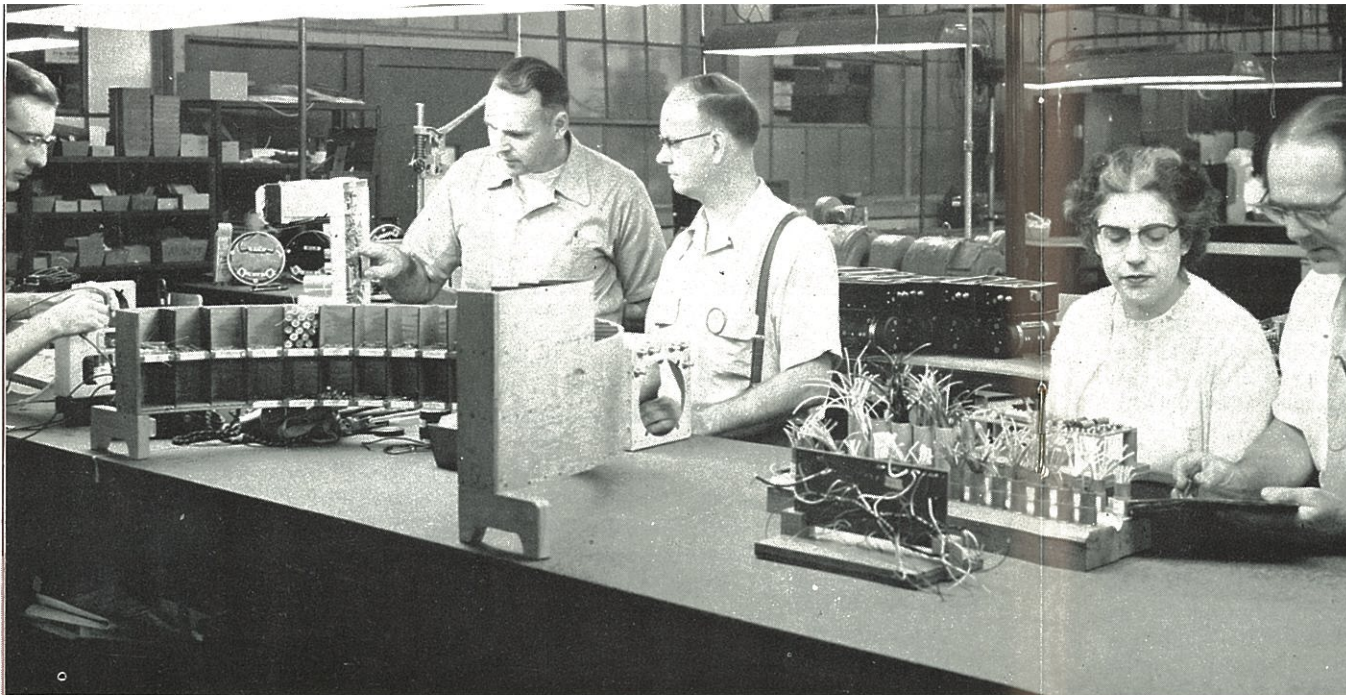
Adm. Soucek has received many decorations, including the Silver Star Medal, Legion of Merit with Gold Star, Distinguished Flying Cross, and the Bronze Star Medal with Combat "V".

Blue Badge Club Plans Halloween Masquerade Ball

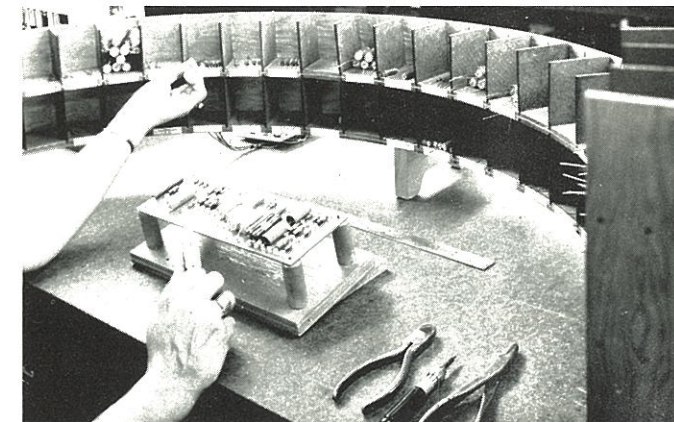
Blue Badge Club members plan to follow up their Bar-B-Q and Treasure Hunt on September 18th with a Halloween Masquerade Ball late next month.

Although a date and place has not yet been selected, committee members are already at work on the details. They will announce their plans for the Autumn event with a special bulletin early in October.

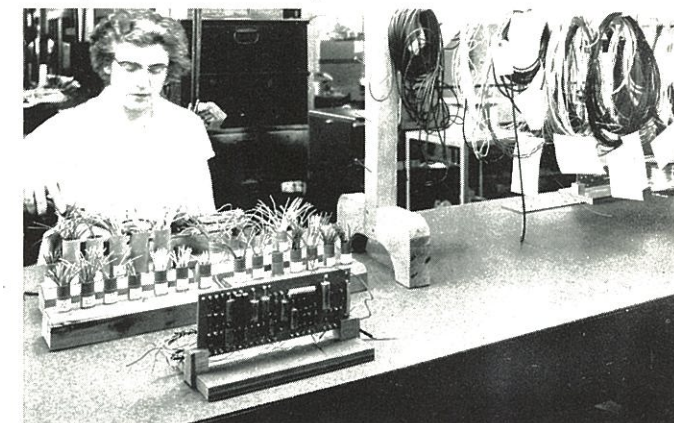
The organization's 1955 membership drive will also start in October, according to President Don Laraway.



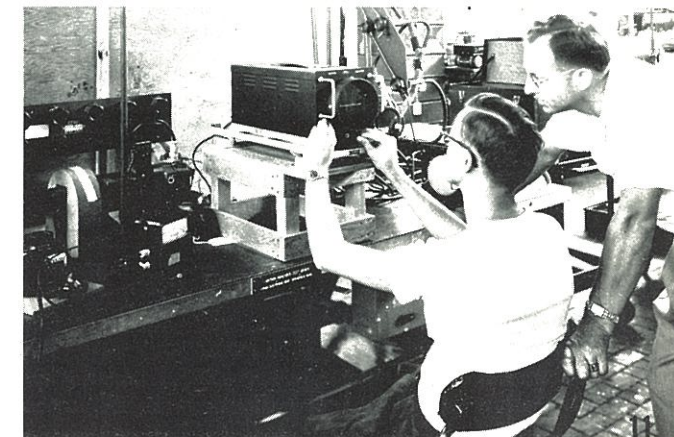
PRE-POSITIONING of parts in order required for assembly makes work on terminal board easier.



SAME IDEA of work simplification is followed with pre-cut wires arranged in order in tubes.



PATTERN CHECK is given each Ignition Analyzer following completion of assembly in Dept. 42.



P. ROGERS is shown working on chassis assembly.



WORK SIMPLIFICATION methods devised for Ignition Analyzer assembly operation are a model for efficiency and orderly procedure. Group pictured here l. to r.—Gordon Strain, Paul Rogers, Larry Shields, Thelma Curtis, Sup. R. Pittet.

Analyzer Production Starts Here; Units Formerly Produced Outside

THE first Bendix Electronic Ignition Analyzer ever to be built on a Scintilla assembly line was completed here last month for one of the airlines. The original unit was developed by Scintilla engineers shortly after World War II, but for the past several years has been sub-contracted to an electronics firm in Massachusetts. From now on, however, it will be a regular production item in our own plant.

The Analyzer now being produced at Scintilla is a streamlined version of earlier models. It was redesigned to provide for greater efficiency in production, and to decrease weight, size

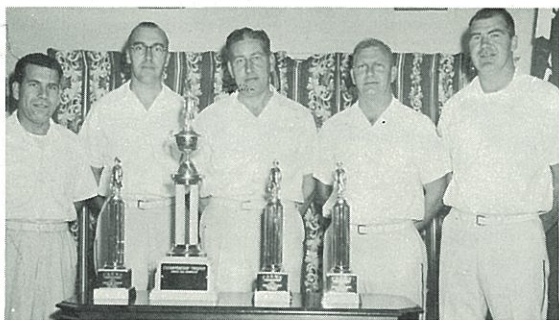
and cost.

The unit has had universal acceptance in the aircraft field, with a large future potential in the industrial field.

Personnel in the Assembly Department welcomed the assembly operation, celebrating the Analyzer's "home coming" by completing the first units ahead of schedule.

In setting up the Analyzer assembly line, careful attention was given to the basic concept of work simplification: to make work as simple, easy and pleasant to perform as possible. The work simplification methods de-

Continued on page 19



NEW CHAMPS: Shown here are members of the new Emergency Squad team who recently won State Championship. L. to r.—Phil DeRock, Bob Wickham, Russ Elander, Gene Doster, Francis Redmond.

Sidney Squad N.Y. Champs

Four Scintilla men are members of the Sidney Emergency Squad team that recently captured the State Championship of the New York State Firemen's Association.

The team includes Russ Elander, captain; Phil DeRock, Bob Wickham, Gene Doster, and Francis Redmond. With the exception of Mr. Redmond, all work at Scintilla.

It was the fourth

straight year that Sidney's entry won the championship. The former team retired from competition last year, however, after winning the trophy three years in a row.

For the new team it was quite a challenge. Entering competition for the first time in the State Contest at Buffalo, they emerged as victors and were on their way toward equalling the mark set by their predecessors.

The Sidney team won all three of the problems set up by the judges. Out of a possible score of 300 points, they compiled a total of 293.

Members of the former team also work at Scintilla. State champions for three years, they are Louis Parent, captain; Ray Laraway, Bill Bure, Don Fitzgerald, and Ed Hinkley.

State to Conduct Rescue Training Course in Sidney

New York State instructors will conduct a weekend refresher course in rescue training Sept. 25-26, according to Francis Parent, director of Civil Defense, Town of Sidney.

The course will be given in Sidney at Riverside Park. Approximately 45 local Civil Defense members will take part in the training program.

EASTONETTES

So many poets write of Fall, yet I don't share their views at all. The gold and copper leaves—to me, are just half frozen on the tree. My Fall impressions bring to mind dim scenes of quite another kind. For instance: children back to school, the closing of the city pool. . . . storm windows waiting to be hung, with Summer chores not quite half done. . . . inspection of the heat supply, to wonder not nor reason why—the chill of Fall ar-

rived so soon to settle down in every room. Galoshes and wool mackinaws for tots and teens, while chili sauce—fills crispy air with scents galore, as Mother battles Winter's store. And Dad, God bless him, training Jack—to bugle on the wild hare's track. These are the things that all belong—to you and me when summer's gone. Yet, if we lacked Fall's wintry sting, what glory would we feel each Spring?

—By Ken Easton

Scintilla Accident Rate Down Fifty Per Cent in '54

If Scintilla employees continue their present record of achievement in accident prevention, 1954 promises to be the safest year in plant history.

With three quarters of the year already over, lost-time accidents at Scintilla are down 50 per cent. For the first seven months of 1954, Scintilla has had 21 lost-time accidents compared with 43 for the same period last year.

Comparative frequency rates for the seven-month period are 7.75 for 1953 and 4.10 for 1954.

Scintilla's 1954 safety program was launched in January with an intensive 13-week accident prevention campaign. Evidence that the campaign theme "Safety Pays Off", continues to work is indicated by the comparative scores above.

Metallic yarn — mostly aluminum—is still on the rise and the end of new applications is not in sight. A major manufacturer of non-tarnishing metallic yarns recently brought out a new series of fabrics, containing their yarn for men's clothing — everything from topcoats to shoe laces.

Gas consumption of autos jumps more than 100 per cent in dense traffic congestion, and operating expenses of trucks are nearly twice as high as on an expressway.

Suggestions for Safety

Two safety features recently put into operation at Scintilla are the result of suggestions submitted by Harvey Bowen and Roswald Sager, both of Dept. 13.

Mirror, Mirror On the Wall

Mr. Bowen, who operates an electric truck, felt that something could be done to eliminate "blind spots" at the ends of connecting aisles. As a result, he came up with a suggestion to place mirrors on the walls at such points. Now electric truckers can see around corners.

No More Swinging Doors

Remember how the doors on aisle lockers used to swing out into the aisle? Mr. Sager recognized this as a hazard and did something to correct it. He suggested that spring clips be installed on the doors to keep them in place. His suggestion eliminates the hazard of snagging yourself on an open locker door.

There are hundreds of ways to earn extra cash through the Scintilla Suggestion System. Be alert to the suggestion opportunities that exist in your department—on your own job. Any idea that will save Scintilla money, one way or another, is a good idea.

Recent Suggestion Award Winners

Ruby Reynolds	Dept. 32	
Edwin Eggleston	Dept. 32	\$10.00*
Eugene H. Converse	Dept. 99	11.00
**Dawne F. Karcher	Dept. 94	15.00
Virginia DeRock	Dept. 99	7.50
Fred Stiefel	Dept. 32	16.90
**Almerion C. Goss	Dept.	10.00
William Wilbur	Dept. 2	20.00
Charles Bishop	Dept. 30	5.00
Thomas DeMulder	Dept. 8	5.00
Alice Vandeymark	Dept. 44	15.00
Howard E. Jeffrey	Dept. 31	12.00
Roy L. Leonard	Dept. 47	5.00
Hilda Anderson	Dept. 44	5.00

*Joint Award

**No Longer Employed at Scintilla

Atomic Energy Amendments

To Speed Power Development

Amendments to the Atomic Energy Act signed into law recently by President Eisenhower will undoubtedly speed up atomic power development in the United States.

This is the opinion of Bendix President Malcolm P. Ferguson, a member of the manage-

ment committee of the Dow Chemical-Detroit Edison & Associates Atomic Power Development Project in which Bendix is one of 26 associates. He sees the congressional action as a new incentive for all electric power companies as well as other industries to step

up investigation of uses for the new atomic resource.

"The changes in the law, especially those permitting ownership of atomic facilities by private companies, allows industries a definitely fuller participation in nuclear development," Mr. Ferguson said. "Though many restrictions remain, I believe industry will make the best of this opportunity to help keep the United States well ahead in the atomic energy field. I am sure that the more we can bring America's unique industrial know-how to bear on this problem, the better will be our chances of holding our nation's position as world leader in atomic development."

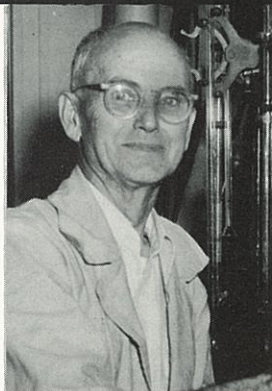
He pointed out that since June 1951 Bendix has had under continual study the adaptation of nuclear reactors to electric power generation. In addition, the corporation established a nuclear engineering laboratory in 1952 and has had a staff of nuclear engineers collaborating with its control engineers to bring about closer liaison between the two groups.

Mr. Ferguson said that as part of the present Bendix research program company engineers are

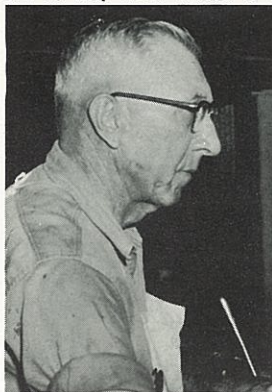
Four Starting Retirements



GOTTLIEB ACKERET, SR.,
DEPT. 28, RET. AUG. 31



ELLIS MELLOTT, DEPT. 32
WILL RETIRE ON OCT. 2



HARRY RICE OF DEPT. 30
WILL RETIRE SEPT. 23



ETHEL H. CLEVELAND OF
DEPT. 38 RET. AUG. 31

exploring the possibility of designing mobile atomic power plants small enough to be transported on railroad cars.

The Dow-Edison Project, now in its fourth year, is aimed at making use of nuclear heat in the operation of steam-electric generating plants and for other industrial purposes. The associated companies already have spent about \$2,000,000 investigating the feasibility of developing a reactor or "atomic furnace" that would be able to compete economically with conventional heat-production facilities. For this year, their budget is about \$2,500,000.

The basic design chosen for the development effort is the "breeder" reactor, which is believed to have an important commercial potential because it produces more fuel than it burns.

"If we can carry this development forward and become convinced that there is a real promise of producing competitive power and fuel", Mr. Ferguson said, "we can then expect to build a reactor in full scale size, using privately raised capital and without any government subsidy."

Automobile thefts now top the nation's list of crimes against property. In 1951 stolen cars were worth a staggering 190 million dollars, up 15 per cent from 1950 and 20 per cent higher than in 1949.

PROMOTIONS



Kenneth Demott...

Promoted to Foreman, Tool Room Inspection, effective as of August 1. A graduate of Scintilla's Apprenticeship Training Program, he became associated with the Division in February 1939.



Alvan Whitehead...

Promoted to Field Service Representative, Sr., effective as of Sept. 1. A member of the Service Dept., he joined Scintilla in November 1952.

Ralph Mason...

Promoted to Foreman, Tool Cribs, effective as of August 1. He joined Scintilla in March 1936 and later graduated from the Apprenticeship Training Program.

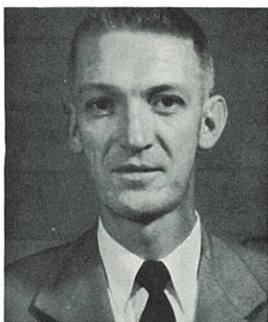
Charles Groff...

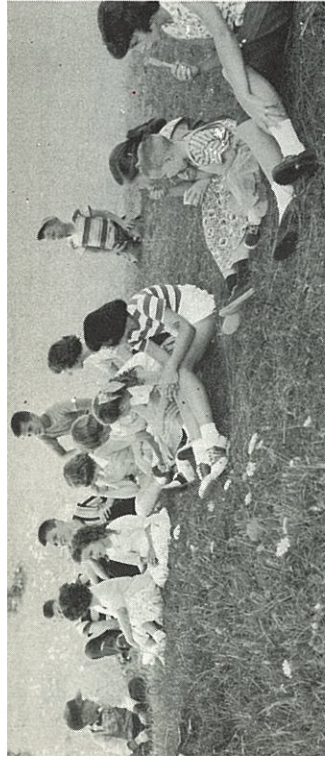
Promoted to District Application Engineer, Sr., effective as of September 1. A member of the Sales Dept., he has been associated with Scintilla since October 1950.



James Byron...

Promoted to Field Service Representative, effective as of August 1. Joining the Division in May of this year, he is a member of the Service Dept.



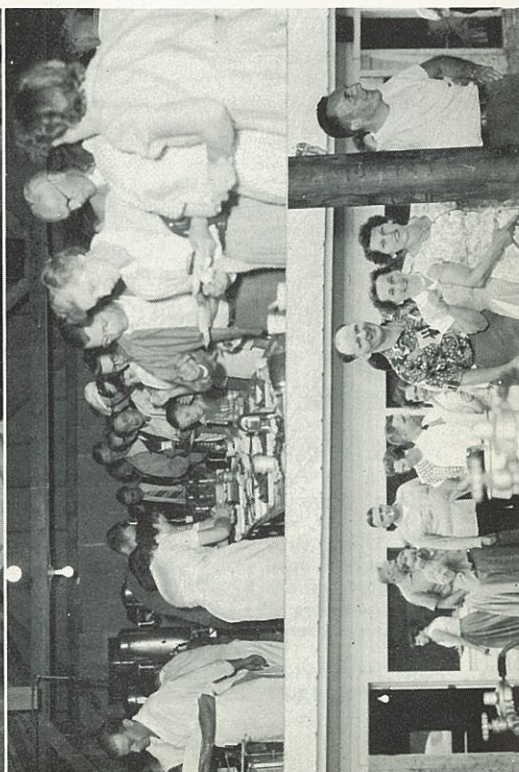


PLENTY OF FUN for all, including the children, is indicated by these photos of Mgt. Club Bake.

Management Club Bake

AIDED and abetted by ideal weather, August 15th produced the "clamorous era- tion", of photos on these pages. The setting was at the Canasawacta Park Pavilion north of Norwich, where 750 Scintillies and their families de- voted a full day of fun and festivity to the annual Management Club Clambake.

As an innovation, the Management Club this year engaged the services of personnel from the Norwich YMCA to handle activities for the children. Dancing, softball, volley ball, and horseshoes filled the bill for the adults. The committee for the 1954 bake included Cy FitzGerald, chairman; Pete Drotar, Johnny Frank, Ed Haynes, Dick Linderman, and Nate Nader. G. J. Knudson was committee advisor.



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: 600-egg incubator; \$10.00. Charles Locker, R. D. 2, Walton.

FOR SALE: New 16-ft. National Pressure Cooker and canner, with 7-qt. jar capacity; \$17.00. Joseph Mertz, 28 Division St. Phone Sidney 6212.

FOR SALE: Deep basin double sink, with strainers. Ideal for the laundry. R. Leonard, Phone Sidney 5063.

RIDE AVAILABLE: From Binghamton, first shift. Phone Binghamton 2-3087 evenings only.

FOR SALE: 1949 Willys Jeepster, with overdrive; in good condition, reasonably priced. Phone Sidney 3714.

FOR SALE: Pair of ladies' bowling shoes, size 6½, smoked elkskin with canvas shoe bag, \$3.00. Also, complete set of dishes, wheat pattern with gold trim, service for six; \$10.00. Phone Sidney 5485 after 4:00 p.m.

FOR SALE: Five used wall type steam radiators, some 1" and some 2" iron pipe with fittings; all for \$25.00. Ruth L. Herdeker, Rockdale, Phone Sidney 4091.

FOR SALE: Congress treadle sewing machine, in very good condition. Ellery Lent. Phone Otego 4163.

FOR SALE: Gray 2-drawer steel letter file, 16" deep; very good condition. Single drawer, \$7.00; two interlocking drawers, \$13.50. K. Lawrence, Phone Masonville 2193.

FOR SALE: White kitchen stove, coal or wood; \$35.00. Box 98, Sidney.

FOR SALE: Home direct from owner; three rooms down, four rooms and bath upstairs. Large attic, automatic oil heat, two car garage with storage space above. H. C. Earl, 13 Maple Ave., Sidney. Phone 5831.

HOME WANTED: Will give 7-month-old puppy (male Beagle) to anyone who will furnish a good home. F. Constable, Guilford, N. Y.

FOR SALE: 23-ft. 1949 Roycraft House Trailer, full length awning; in very good condition. A. R. Beebe, Phone Unadilla 4591.



CARDS OF THANKS

Our many thanks to friends, co-workers and the Scintilla Management for the kindness shown by them during our recent sorrow.—Mrs. Roland L. Barratt, Mr. & Mrs. Roland L. Barratt, Jr., Mr. & Mrs. D. R. Wisely, and Mrs. A. A. Bolger.

I wish to express my sincere thanks and appreciation to The Management for the lovely basket of fruit while I was in the hospital, and also the members of Tool Inspection and friends who sent me cards.—Louis Clayton.

Many thanks to my friends for the cards and the beautiful flowers received by me during my stay at Syracuse Memorial Hospital.—Edna H. Cook.

We wish to thank our many friends at Scintilla for their kindness, shown us by their flowers, cards and gifts, in the tragic loss of our loved one and during our stay at the Binghamton City Hospital.—O. Shaw and daughters.

I wish to thank the members of Tool Design, Layout and Methods for the gift, visits and cards received while I was in the hospital.—Andy Peterson.

I wish to thank the Scintilla Management for the beautiful basket of fruit which was sent to me during my recent stay at the hospital; also to thank my many friends for the cards sent to me.—George E. Hofer.

I wish to thank the Scintilla Management for the beautiful flowers I received while in the hospital; I also wish to express my appreciation for the many cards and gifts received from friends and neighbors.—Walter Weilenmann.

ANALYZER From Page 11

vised by Supervisor Rene Pittet are a model of efficiency.

An assembly and storage bin that Rene calls his "console model" serves as a good example of the work simplification idea in practical use. Sixty-four tiny condensers and resistors that go into the Analyzer's terminal board assembly are arranged, one tier above the other, in a semi-circle before the assembler.

Pre-positioning of the parts in the order in which they are used keeps the work area free and makes every motion productive. In spite of the many parts involved, none of them are more than a comfortable arm's length from the assembler. Other phases of the Analyzer assembly also adhere closely to similar work simplification principles.

The Analyzer is a complex unit containing over a thousand parts, and the various circuits are checked as work progresses. Since most of the parts—tubes, resistors, condensers, leads, etc.—are purchased, work on the Analyzer is primarily an assembly operation.

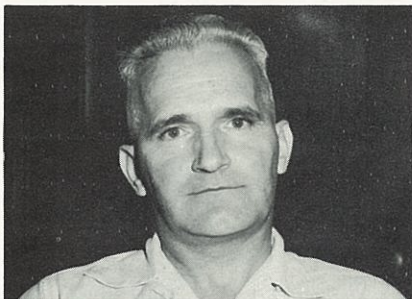
The Analyzer, however, has introduced Scintilla to a new specialty—metal fabrication. Metal parts for the frame and chassis are being fabricated in Dept. 34, and the spot welding is being done in Dept. 32.

The trend toward electronics at Scintilla is emphasized more than ever with the Analyzer now at home in the plant. Development and production of jet ignition systems was a significant move in this direction; construction of the Electronics Building was another

And now the Ignition Analyzer with its electronic circuits, tubes, resistors and condensers. The Analyzer pinpoints ignition and engine malfunctions by flashing wave patterns on a tube similar to a television screen. Quickly indicating any conditions that require maintenance, malfunctioning can be corrected before actual damage or failure of the engine results.



Mr. Tognola



Mr. Andrews



Mr. Wickham

25 YEARS OF SERVICE

Tullio Tognola, Dept. 91Sept. 13

20 YEARS OF SERVICE

Robert Wickham, Dept. 87Aug. 6

Edward Andrews, Dept. 33Sept. 12

10 YEARS OF SERVICE

Raymond Cowan, Dept. 28Sept. 5

Ellis Cronauer, Dept. 74Sept. 23

Clifford Hess, Dept. 13Sept. 19

Doris Knapp, Dept. 74Sept. 16

Rolland Leonard, Dept. 12Sept. 18

Martha J. Merrill, Dept. 47Sept. 19

DID YOU KNOW ?

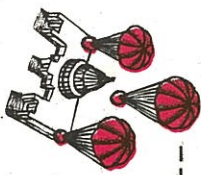


IN ADDITION TO EMPLOYEE
DEDUCTIONS FOR SOCIAL
SECURITY, **SCINTILLA** ALSO
PAID OVER -----

----- **\$300,000** LAST YEAR



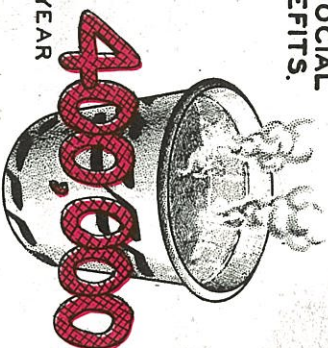
TO THE **FEDERAL GOV'T.**
TOWARD THE COST OF
YOUR FUTURE **SOCIAL**
SECURITY BENEFITS.



THE **CAFETERIA**

SERVES MORE THAN

CUPS OF COFFEE A YEAR
TO **SCINTILLITES**.



SCINTILLA FOLKS

CRANK OVER **41 MILES**

OF PAPER TOWELS FROM WASH-
ROOM DISPENSERS EVERY WEEK.



SCINTILLA DIVISION
BENDIX AVIATION CORPORATION
P. O. BOX 198
SIDNEY, NEW YORK, U. S. A.

Sec. 34.66 P.L. & R.
U.S. POSTAGE
Paid
Sidney, N. Y.
Permit No. 63

MR. GOTTFRIED G. RIESEN
BOX 538
OTEGO, N.Y.

POSTMASTER: If addressee has removed and
new address is known, notify sender on Form
3547, postage for which is guaranteed.