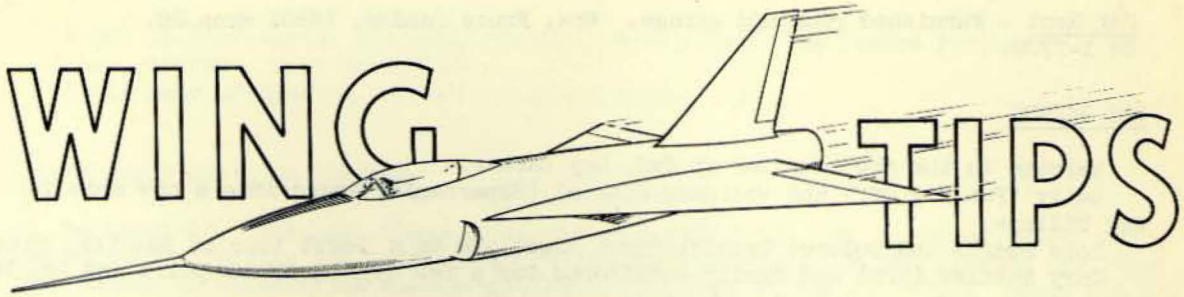

Lewis Flight Propulsion Laboratory, NACA

Vol. XII Cleveland, Ohio, April 30, 1954 No. 9

Dr. Sharp Announces Open House, June 6th, 1954, which will be open to all Lab employees and their immediate families, from 1 to 5 P.M.. At this time you will be given the opportunity to inspect the facilities and buildings, and as a special feature, the talks and demonstrations from the Inspection will be repeated for the Open House. Further details will be given in a memorandum to the Staff at a later date.

WING TIPS

Lewis Flight Propulsion Laboratory, NACA

Vol. XII | Cleveland, Ohio, June 11, 1954 | No. 11

FORMER NACA EMPLOYEE VISITS INSPECTION

Charles A. Chayne, vice president in charge of the engineering staff of General Motors Corporation, and a former NACA employee at Headquarters and at Langley Laboratory in 1918 and 1919, was among the guests at the Inspection on June 3rd.

A graduate of the Massachusetts Institute of Technology, Mr. Chayne first joined the NACA in September, 1918, working with what was then known as the Office of Aeronautical Intelligence at Headquarters in Washington. One of the tasks of this office was to evaluate aeronautical inventions submitted to the NACA. In the spring of 1919 he went to Langley with Edward P. Warner (later an NACA Committee member) as a Junior Mechanical Engineer. One of his jobs at that time was to prepare the illustrations for an early technical report on propellers written by George de Bothezat (Report No. 29 published in the NACA's Annual Report for 1918). Dr. Charles D. Walcott was Chairman of the Committee at that time.

Mr. Chayne left the Committee in September, 1919, to join the MIT faculty, teaching there until 1926. His career then led to a series of posts in the automotive and engine industry. He joined Buick in 1930 and rose to become chief engineer, a job he held when he went to the GM headquarters offices in 1951 in his present post.

Dr. Edward R. Sharp, Mr. Charles A. Chayne, and Dr. John F. Victory

Receives Fellowship - Dr. David Kahn of the Radiation Physics Section, Materials & Thermodynamics Division, has received a post doctoral fellowship from the American Cancer Society to do research on radiation physics at the Norsk Hydro's Institute for Cancer Research, and at the University of Oslo, Oslo, Norway. He will spend a year, beginning in September, 1954, doing research in this field with the institutes' 31,000,000 volt betatron.

" I N S P E C T I O N "

The above is dedicated to the "Reverse-Thrust Program" by the Fabrication Shop.

Pre-Inspection Hustle-Bustle became a smooth performance at curtain time, Wednesday, June 2. "---No sign we are nearing the end of spectacular accomplishment -- national security requires -- nuclear power plants for aircraft -- one pound of uranium (equal to) 3,500,000 pounds of coal -- nonstop supersonic flight to any point on the earth -- full-scale engine research is vital. LUPA tunnel -- Mach 3.5 -- 300,000 kilowatts -- from subsonic in 1946 to Mach 3.5 (2310 mph) at the present time -- shock controls -- crashfires and fire-inerting systems -- passenger survival in airplane crashes -- thrust reversal -- increased compressor efficiency -- greater thrust -- screeching combustion -- at high speeds considered temperatures (would be reached) sufficient to melt diamonds -- visualized air flow --" These and other startling ideas presented in talks, movies and displays brought enthusiastic praise from the hundreds of visitors.

There were 4,374 visitors to the open-house the following Sunday.

Pulitzer- Prize-Winning cartoonist Edward Kuekes recognizes for the nation in this Cleveland Plain Dealer cartoon the live part the NACA plays in our conquest of the air. Mr. Kuekes presented the original drawing to Dr. Edward R. Sharp, Lab director.

NACA Valued Abroad. Here is an extract from a letter, John H. Collins in Naples, Italy, to E. R. Sharp in Cleveland, Ohio - May 26, 1954:

Dear Ray,

* * * * * * * * *

On my second "World" tour I am again tremendously impressed by the reception I am receiving - not me but a representative of the NACA. It is a real sense of satisfaction to see how - all over Europe the NACA is considered the top scientific organization in the world. It is truly a scientific beacon shining in the technical darkness of Europe. NACA reports are found everywhere and are considered the final word on a particular subject.

If I could only get across to everyone in our organization the tremendous responsibility they share in being a part of the NACA I am sure they would get a greater sense of pride in their work. If our people could only see their names on reports lying on desks in out-of-the-way spots in France and Italy, I feel sure they would be very proud indeed.

* * * * * * * * *

Sincerely,

J. H. Collins

Negative and Positive The Red Alert air raid drill was carried out Monday June 14 with negative casualties but positive results. Nothing exciting, just routine. Like any other preventive measure, unspectacular but necessary.

WING TIPS

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The Death of Ernest Johnson on April 19th was announced last week. Mr. Johnson, Chief of Administrative and Technical Services of Langley Aeronautical Laboratory, died of accidental gunshot wounds. His passing came as a great shock to his old friends at Lewis.

Mr. Johnson entered on duty at that Laboratory on October 17, 1923. During the early part of his career with the Committee he served as head of the flight operations shops and as flight engineering officer. He became chief of the technical services activities in 1943 and two years later he assumed direction of the combined Administrative and Technical Services organizations.

In addition to various staff offices, he directed the activities of eight divisions.

Last October he observed his thirtieth anniversary with the Committee.

Parking On The Roads - After careful study of the parking situation on the various roads throughout the Laboratory, it was found that more parking space could be utilized by allowing a minimum of thirty (30) feet for emergency vehicles at the entrances to designated buildings. These "No Parking" areas will be marked at the curb with Traffic-Yellow paint and also signs will be erected designating the No Parking areas. Bus stops, fire hydrants and other No Parking areas will also be painted at the curb with Traffic-Yellow paint. Your co-operation is asked in observing these areas and to keep them clear at all times. The areas will be patrolled and violators issued Parking Tickets.

The Third Annual Cruise of the Cleveland Chamber of Commerce has been opened to Lewis Lab employees, wives and friends. Leave Cleveland 10:00 P.M. June 14, return at 9:00 P.M. June 18. Cost of $110.00 includes transportation, meals and tax. Reservations, first come first served, A-, B-, or C-Deck, all outside rooms on luxury class SS South American. Lakes Erie, Huron and Superior to Munising, Michigan, half-day at Mackinac Island are included in the trip. Further information, Wing Tips office 104 ERB. Reservations before May 7, please.

For Rent - Furnished room and garage. Mrs. Bruce Landon, 16501 Munn Rd. OR 1-7709.

POT-POURRI

Welcome to the new computer at 8x6, Kay Ranker.

Betty (Fab Div Off) and Wolfgang Moeckel (Supersonic) moved into a new home in Bay Village.

Lois Swartz and Dolores Trudich (Mail Room) are on a week's tour of New York City.

Cary Nettles (SPD) and family vacationed for a few days in Minneapolis and St. Paul, Minn.

The Drafting Division gang had a farewell luncheon today for Charles (Pop) Cate, who leaves today after nearly 10 years at Lewis Laboratory. Over 70 of his friends joined him to wish him well.

Congratulations to Jeannette Leopold, Gerry Gaffney, Jim Conners, and Hank Hunczak, all of 8x6, who recently won wrist watches on "Detecto", a TV quiz show.

Alfred J. Nachtigall (C&T) is on a two-week tour of duty with the Navy.

Fred Hess (Welding Sec) is off on a fishing sojournto Florida.

Donald Stroup (Fuels and Lub) and Harold Starr (F&C) are both home recuperating from recent illnesses. How about some of the gang calling on them - they're lonely.

It's a mean trick! Somebody burgled Johnny Laughlin's (Fab Div) home and made off with cameras, jewelry and money.

Extended Easter trips were made by Virginia (8x6)Comp) and Bob Dengler (C&T) to their home in Rochester.

Jane (8x6 Comp) and Harold Zager (SPD) visited Hal's folks in Iowa over Easter.

William Dewey (Fab Div) donning working clothes and diligently applying himself on his new home-to-be in Virginia.

Melvin (Lefty) Harrison (Training Off) is on a visit to Virginia with his family.

Choral Club members helped Joanne Folk (Library) and Rosemary McGann become situated in a new apartment by holding a house-warming party the other night after rehearsal. Pizza pie was the main dish.

Down The Aisle - Francis S. Stepka (C&T) was married April 24 to Marianne Black. They are enjoying a three week's tour of Florida and New Orleans. Frank's friends in C&T gave him a good send-off("Buried" was the word quoted) at a pre-nuptial bachelors' party.

Attention Netters! - Get out your tennis racket and equipment and start practicing for the annual NACA tennis tournament. This year's program consists of a men's and women's singles, with wives of NACA personnel invited to enter. Both tournaments will start June 1 with an entrance fee of $0.75 per person, trophies being awarded to the finalists. To encourage more entrants in the men's singles, the finalists of the last two years will not enter, although a challenge match is expected with this and last year's finalists. Entries for women should be sent to Charlotte Ponting (4184) and men to Virgil Sandborn (4228) by May 14th.

Last year's champions were men's singles - Jim Daus; men's doubles - Don Sandercock and Don Zak, and women's singles - Donna Anderson (wife of Bill Anderson, F&L).

SINCE OUR LAST LOST-TIME ACCIDENT:

156 DAYS

2,036,134 MAN-HOURS

LOST-TIME ACCIDENTS IN 1953..... 8

LOST-TIME ACCIDENTS THIS YEAR... 0

April 23, 1954

Genevieve Miller

Virginia Dengler

Dorothy Kurtz

Jo Howard

May Queen Candidates

The twelve girls pictured here are winners of the May Queen nomination ballot taken in the April 16th Wing Tips.

Encircle the names of six girls of your choice on this page. From this ballot will be determined who are the finalists, and these girls will appear at the Choral Club May Festival on May 15, at 9 p.m.

Only this page will be accepted as a ballot, and all ballots must be in by 5 p.m. Wednesday, May 5. Send this page with the six encircled names to Don Vargo, Room 104, 8 x 6 SWT.

The final choice of May Queen will be made by balloting by those attending the May Festival.

Tickets for the May Festival may be obtained from any member of the Choral Club, including those listed on the posters on the bulletin boards.

Janet Case

Joan Case

Marge O'Connell

Mary Jane Winter

Sue Regner

Rosemary Jasko

Betty Rung

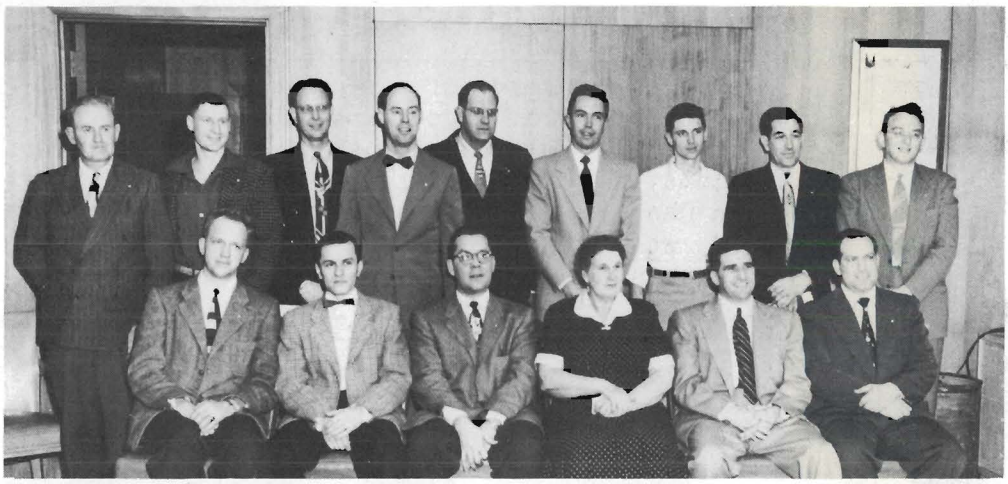
Jane Kackmar

Ride Available - There is space available on a flight to Albany, and general New York area. the weekend of May 8. Call Ted Male, 5206.

Retreat - Notice to all girls wishing to make a retreat with other girls from the laboratory. The retreat will be made at St. Joseph's Retreat House, 18485 Lake Shore Blvd., over the weekend of May 21, 22, 23. Please contact Gertrude McNeeley as soon as possible at OL 1-4848.

Missing From The Library - First Midwestern Conference on Fluid Dynamics, 1950.
Mott, N.F. and Gurney, R.F., "Electronic Processes In Ionic Crystals".
Sutton, G.P., "Rocket Propulsion Elements".
Timoshenko, "Vibration Problems In Engineering".
The prompt return of the above would be appreciated.

On the Record go the names of fourteen new Gallon Club members, bringing the Lewis Lab total in this exclusive circle to thirty-eight. This record is outstanding and percentagewise gives us a "first" in the Cleveland industrial area for Red Cross blood donations. Mr. Keyerleber of the Cleveland Plain Dealer presented certificates, Miss Kiplinger of the American Red Cross put on the "gallon" pins and Dr. Sharp congratulated each one individually for the Laboratory.



Seated, left to right: Robert Blue, Nick Diaconis, Robt. Kohl, Mrs. Hanke, Wm. Colli, and B. Torre. Standing, left to right: Al Whitehead, R. Cavicchi, A. Adams, R. English, F. Looft, Wm. Phillips, A. Auble, Al Hallock, and G. Morrell. Not present are Howard A. Buckner, Jr. and Charles Zalabak.

The Stork Club - Jennifer Jean Blue is the new addition in the Bob Blue (SPD) Household, born April 21.

Tom Piercy (SPD) announces the arrival of his second child, a son, Douglas Scott, born April 17th.

Lillian Balog (formerly of Plan Files) welcomed her first child April 20, a daughter, Vicki Lynn.

Carolyn Marie Kloth was born April 22 to Marian (formerly C&T Comp) and Jim Kloth (Instruments).

Wing Tips Want Ads will serve you best if you give your full name and outside telephone number on all ads except transportation or lost and found. Please refrain from sending in ads from non-employees, except for housing. Check with us if your ad was not run, Marj Hyre (3145) or John Hopkins (3296).

LOST & FOUND

Found in Fabrication Building, Temple Library book "The Twelve Prophets". A Cohen, Editor. Mail Room 3179.

Lost, pair of glasses, around T.S.B., A Yurek, 2195.

FABRICATION DIVISION HONORED

On April 13, 1954, Dr. Sharp presented an award to Mr. Wm. E. Dewey, Chief of Fabrication Division for outstanding safety performance. The Fabrication Division had worked 12 consecutive months without a lost-time accident. "Bill" Dewey and all the men in the division deserve much praise for being the first one of the Mechanical Divisions to make such a safety record.

It was also "Bill's" third anniversary as Chief of the Fabrication Division - a happy and worthy day.

Present at the ceremony were Mr. George D. McCauley, NACA Safety Officer, Mr. Charles A. Herrmann, Chief Technical Services Divisions and representatives from other mechanical divisions.

Pictured from left to right are: John M. Auerbach, Chief of Sheetmetal Branch; Robert W. Sheflin, Asst. Chief Fabrication Division and Acting Chief of Machine Shop Branch; William E. Dewey, Chief of Fabrication Division; Robert K. Manning, Chief of Instrument Branch; Joe E. Jenkins, Chief of Metallurgical Branch.

New Softball Commissioners - Earl L. Brown, Fred W. Steffen and Marvin H. Hirschberg say the time has come to get those teams together, fellows! Your team entry fee of $25.00 should be in before May 7 (for bats, balls, bases, etc.). Please contact Marv Hirschberg when your team is formed and get on the practice game schedule.

Square Your Sets - Tonight, Friday April 30, at 8:30 P.M. there will be another square dance in the Auditorium. Lou Rosenblum of High Energy Fuel Lab will be the caller and instructor. Tickets are $.50 and some will be available at the gate.

TRANSPORTATION

Ride wanted from Munn and Rocky River Dr., or Munn and Warren Rd. Jane Shupp, 4231.

Riding combination - join or form - from Fulton Parkway and Memphis. Robert Alexovich, 4291.

Want to join driving combination from vicinity of Detroit and Cahoon Rds. John Hopkins, 3296.

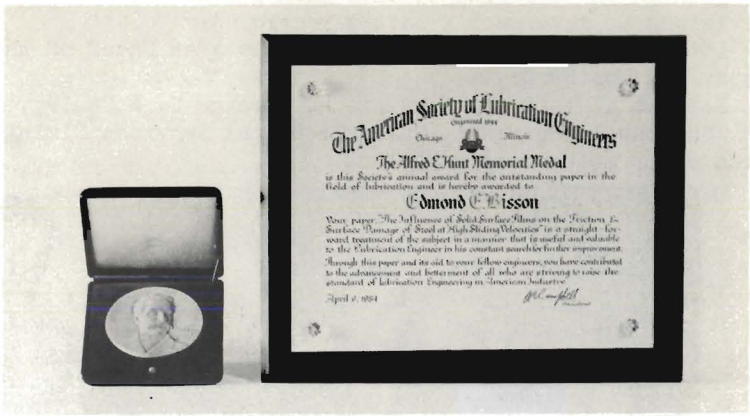
2 drivers wanted to join combination from State and Snow Rd. Frank Gusik, 4295.

Wanted to join riding combination or ride, York-Pearl vicinity. Carmen Bibbo, 5114.

Driver interested in joining combination from Madison & Richland (W. 141st) Helen Hauck, 2234.

LUBRICATION ENGINEERING AWARD

On April 6, 1954 at the Annual Meeting of the American Society of Lubrication Engineers, Cincinnati, Ohio, Edmond E. Bisson, Lubrication & Wear Research Section, M & T received the Alfred E. Hunt Memorial Award for his paper entitled "The Influence of Solid Surface Films on the Friction and Surface Damage of Steels at High Sliding Velocities". This award is the Society's Annual Award for the outstanding paper in the field of lubrication. In accepting, Mr. Bisson pointed out that he was accepting the award as a representative of a research team from the L & W Section, whose work contributed so much to the research data on which the paper was based. Members of this team, whose assistance was invaluable, include: Bob Johnson, Max Swikert, Douglas Godfrey and others.



FOR SALE

Remington 60 Deluxe electric razor, used only one week. Bernard Sather, CL 1-3378.

1949 Hudson, 6 club coupe $350.00. Ray Mantler, 3194. (No home phone).

Water heater, Fairbanks-Morse electric, 52 gal. 1949 model $45.00. James Kellog, AD 5-2554.

1953 Chris-Craft 14 foot outboard runabout, 15 H.P. Evinrude with Cruise-a-day tank and controls, trailer, fully equipped with steering wheel, lights, etc. Howard Hobart, ON 1-4426.

1941 Ford business coupe, 4 excellent tires, new battery $50.00. Frank Kish, SH 1-1081.

Automatic gas water heater, will sell cheap. Geo. Reuter, CL 1-2740.

Hotpoint full size electric stove. Excellent condition, $55.00. R.B. Parisen, BE 4-9154.

I.A.S. Journal and Review, April 1946 to date, complete. Roger Weining, LU 1-2001.

300-Gallon fuel-oil tank; oak roll-top desk; walnut office desk. Russell Trende, Columbia Station 3340.

Nesco Electric Roaster, Lawrence J. Jahnsen. OR 1-3751.

Buggy - Hedstron - Collapsible, like new. $10.00. Ann Kalat, WI 1-0418.

Desk, Drexel, pickled pine, 28 x 50, leather top. Ed Hubert, ON 1-2616.

4-bedroom brick home, carpeting, drapes, freezer, mirrors, 3-car garage with $10\frac{1}{2}$ acres of land. 5903 W. 130th, beyond Snow Rd. TU 5-2807.

1949 Studebaker club coupe, good motor, tires, battery, overdrive, blue and gray, $400.00. Yellow gold Bulova ladies' watch, brand new, guaranteed, reg. $57.50 for $45.00, Gerry Gaffney, AC 1-6256.

1952 Chevrolet, 4 door, power glide, all accessories. Therese March, CL 2-0651.

Two Hollywood beds, excellent condition, reasonable. Mildred Bridgeford, ED 1-5119.

Gram scale, new, reasonable. Marge Ofcar, SH 1-2392.

2 place Taylorcraft total time 600 hrs. Only 100 hrs. since major overhaul on engine. Excellent condition - reasonable-licensed until April 1955. Wm. S. Miller, BE 4-6091.

Baby Born in Auto - Larry Andrews, one of our Lab. apprentices, was taking his wife Marianne to the hospital. Larry Jr. 3 yrs. and Gail, 1 yr., were home waiting for their new sister. But sister Denise didn't want to wait, so someplace on Denison, between 25th and Fulton, she made her debut. Father Larry checked that she was all right, then continued on to Fairview Park Hospital, where the staff there took over. This proves how versatile our apprentices are, wouldn't you say ?

WING TIPS

Lewis Flight Propulsion Laboratory, NACA

Vol. XII | Cleveland, Ohio, June 25, 1954 | No. 12

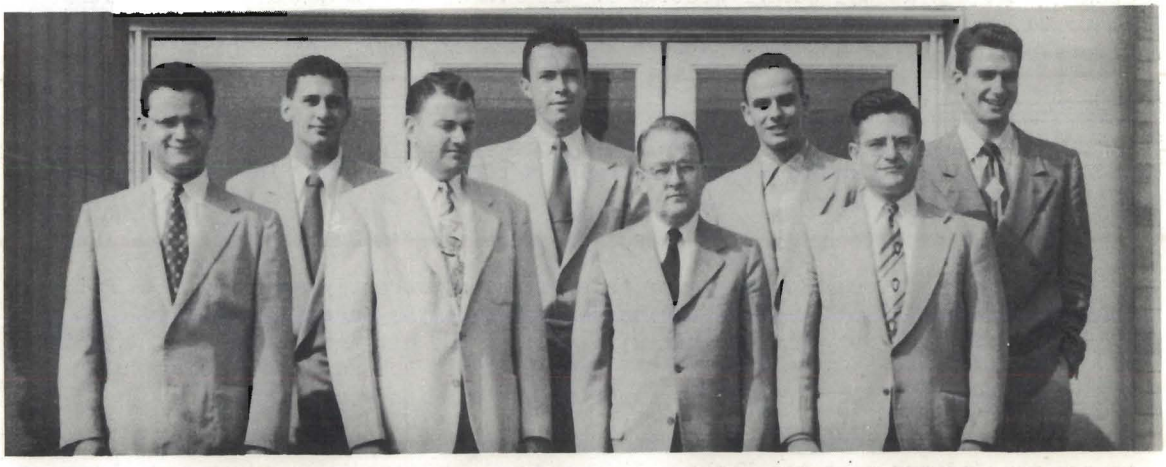
BE A JOINER

Lewis employees who are insured under the NACA Group Life Insurance Contract will split a $31,571.72 dividend this calendar year. The total dividend earned by the NACA was $ 88,633.19 and equitable distribution has been made to all NACA stations. Lewis' share should in most instances pay the next two quarter-year's premium (July-September and October-December). This brings the net cost to about 32 cents per thousand per month.

Also, the premium rate has been reduced from $2.20 to $2.10 per thousand dollars per quarter year, effective July 1, 1954.

Those employees who are not members and have been on the job more than 31 days and who are serving under better-than-temporary appointments are eligible to join provided they take and pass a physical examination at their own expense. Those in their first 31 days of service may join by completing an enrollment card and paying the next quarter-year's premium. No physical examination is required.

If you are interested in joining the plan, further details can be secured by calling PAX 5222 or 2203.



ELEVEN EARN ADVANCED DEGREES AT CASE

Front row: Michael Valerino (M-T) MS in Math; Ray Budinger (C-T) MS in Mech. Eng., Herman Ellerbrock, Jr. (C-T) MS in Mech. Eng., Murray Pinns (F-L) MS in Ind. Chem.

Back row: Andrew Manos (Phys) MS in Math, William Phillips, Jr. (Eng. Res) MS in Elec. Eng., Harry Bernstein (SS Prop) MS in Aero. Eng., W. H. Smyers (Phys) MS in Aero Eng.

Absent: Americo Forestieri (M-T) MS in Elec. Eng., Donald Guentert (C-T) MS in Aero Eng., Clifford Temes (Phys) MS in Elec. Eng.

SAFETY NEWS. Our efforts and team work here at Lewis laboratory are keeping us right up on top in the National Safety Council Contest. We are now tied with The Garrett Corporation's Airesearch Aviation Service Division and American Airmotive Corporation's Airframe Division for first place. With three contestants neck and neck the pressure is really on and we can not let up.

Vehicle Accidents Personnel who operate Committee trucks and passenger vehicles are requested to exercise extreme care in their operation. The accident rate for the first 5 months of 1954 is nearly that for the entire year of 1953 - 12 versus 14. Backing seems to be the cause of half of the accidents involving Committee vehicles. A little more attention and appraisal of all existing conditions before starting a vehicle into motion should do much to reduce the number of accidents. The cooperation of the entire staff is requested.

Growing Up Fast

Bill, age 14, and Vicki Lynn, age 5, children of Martin (Eng. Draft.) and Evelyn (Res. Rpts.) Bazemore.

Wing Tips Joins in congratulating and saluting Major J. M. DuBois for those new gold leaves on the shoulders!

Honored. E. E. Bisson (M-T) received the advanced degree of Mechanical Engineer at the University of Florida on June 7, 1954. He was also elected to Phi Kappa Phi, honor society, at the same time.

Speaking at the annual summer meeting of the I.A.S. in Los Angeles, Calif. June 21 to 24, Mr. George M. Low (Engine Performance Div.) discussed "Stability of Compressible Laminar Boundary Layer with Internal Heat Sources or Sinks".

Engineering Drafting Notes

On Tuesday, June 15th, a large group said 'bon voyage' to Rino De Luca at a picnic after work. They presented him with a pocket secretary in which to record his trip to Italy.

L. J. Stitt attended a high school class reunion in Chillicothe, June 19th.

Lt. Robert Eyerdam (formerly of this Division) recently appeared in a Pathe News short as co-pilot for the Russian delegates to the Geneva Convention. After that tour of duty, he and his wife visited the Riviera, spent five days in "Gay Paree," and travelled through the French Alps. Bob says it's beautiful, but he misses the good old U.S.A., especially his friends at the Lab.

At a baseball party, Friday, June 25th, the draftsmen and their wives hope to see the Indians beat the Yanks.

SINCE OUR LAST LOST-TIME ACCIDENT:

212 DAYS

2,778,064 MAN-HOURS

LOST-TIME ACCIDENTS IN 1953..... 8
LOST-TIME ACCIDENTS THIS YEAR... 0

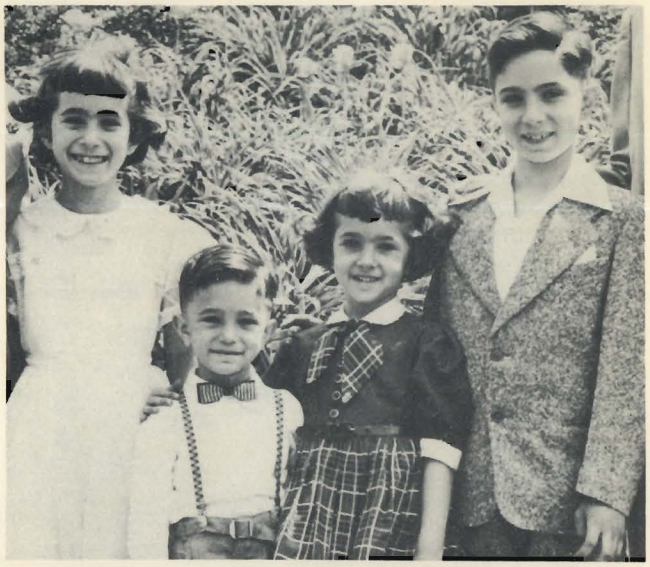
June 18, 1954

LOST OR STRAYED

Book: Spherical Harmonics - MacRobert. Please call H. Lowell, 4198.

"Basic Electricity for Communications"- Timbie. Please call Bill Westfall, 4291.

Wanted Heavy-duty camera tripod, or similar tripod. Art Holms, Tu. 5-0823.



Rising and Shining

The four children of Anthony Fazio (Research Reports Div.) on the day of Marianne's First Communion. L. to R. Marianne, Jimmy, Terry, and Peter.

FOR SALE

Sleeping bag, slightly used, 4-lb. feather fill, gross wt. 8 lbs., air mattress pocket and full zipper. $28.00 value, only $16.00. Wm. F. Gieselman, Be.4-7228.

1950 Buick super-8 two-door sedan, fully equipped. Reasonable; excellent condition. Doug Black, Ed. 1-6795.

Four female black cocker spaniels, A.K.C. registered. Vivian Haurin, Ad. 5-3402.

Set of matched woods, driver, brassie, and spoon; handmade D-1 swing weight, "First Flight" strato-block heads. Good condition. $15.00. Marj Hyre, Bo. 2-3678.

Sell or swap Reo Royal 21-inch reel-type power mower, used 2½ hours; not suitable for my work. Want 21-inch rotary. Karl Heller, Ce. 8-6204.

Crib, Chiffarobe, car bed, and high chair in good condition. $30.00. M. Hutchison, Tr. 1-6484.

Brand new set of Encyclopedia Americana at $80.00 off. Still in original shipping box. Ted Blaschke, Sw. 1-7916.

.22 Rifle, Mossberg bolt action, 7-shot clip, equipped with both V- and peep sights, $15.00. Also two tennis rackets, one with waterproof cover and press, $5.00; the other, $4.00. Vern A. Slabey, Tu. 5-4981.

1950 Buick 4-door, fully equipped. $800. Krasner, Sk. 1-2202.

Two-wheel trailer, 4×8 bed, stake sides. Used only three months. $125.00. Tom Shillito, Tr. 1-0632 or Be. 4-5117.

Outdoor chaise lounge, $15.00; two metal porch chairs, both for $5.00; two chairs and 9×12 rug. Peg Ortman, Ac. 1-4946.

16-foot Comet class sailboat, $250.00, Dick Donlon, On. 1-8663.

For Rent Three-room cottage in Walton Michigan, 20 miles north of Cadillac. Will sleep 8 people. Glen Winters, Ed. 1-0449 between 7:00 a.m., and 8:00 a.m.

Wanted Canoe, must be reasonable. Dewey Eppele, Fl. 1-5279.

Wanted: Ride to Columbus, O., July 7 & 8, to take the Professional Engineers' License Examinations. Marvin Kussoy, PAX 5164.

Pre-Inspection Hustle-Bustle became a smooth performance at curtain time, Wednesday, June 2. "---No sign we are nearing the end of spectacular accomplishment -- national security requires -- nuclear power plants for aircraft -- one pound of uranium (equal to) 3,500,000 pounds of coal -- nonstop supersonic flight to any point on the earth -- full-scale engine research is vital. LUPA tunnel -- Mach 3.5 -- 300,000 kilowatts -- from subsonic in 1946 to Mach 3.5 (2310 mph) at the present time -- shock controls -- crashfires and fire-inerting systems -- passenger survival in airplane crashes -- thrust reversal -- increased compressor efficiency -- greater thrust -- screeching combustion -- at high speeds considered temperatures (would be reached) sufficient to melt diamonds -- visualized air flow --" These and other startling ideas presented in talks, movies and displays brought enthusiastic praise from the hundreds of visitors.

There were 4,374 visitors to the open-house the following Sunday.

Pulitzer- Prize-Winning cartoonist Edward Kuekes recognizes for the nation in this Cleveland Plain Dealer cartoon the live part the NACA plays in our conquest of the air. Mr. Kuekes presented the original drawing to Dr. Edward R. Sharp, Lab director.

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Dear Ray,

* * * * * * * * *

On my second "World" tour I am again tremendously impressed by the reception I am receiving - not me but a representative of the NACA. It is a real sense of satisfaction to see how - all over Europe the NACA is considered the top scientific organization in the world. It is truly a scientific beacon shining in the technical darkness of Europe. NACA reports are found everywhere and are considered the final word on a particular subject.

If I could only get across to everyone in our organization the tremendous responsibility they share in being a part of the NACA I am sure they would get a greater sense of pride in their work. If our people could only see their names on reports lying on desks in out-of-the-way spots in France and Italy, I feel sure they would be very proud indeed.

* * * * * * * * *

Sincerely,

J. H. Collins

Negative and Positive The Red Alert air raid drill was carried out Monday June 14 with negative casualties but positive results. Nothing exciting, just routine. Like any other preventive measure, unspectacular but necessary.

TRANSPORTATION

Driving combination - join or form - from E. 112th and Union Ave. Paul Panasik, 3216.

Person or persons to share ride from E. 112th and Euclid, near Western Reserve University. Ted Blaschke, 5276.

Wanted - driver from 169 Eliot Circle, Berea. Rosetta Mino, 4175.

Ride, rider combination, or riders from Fisher Road and Rocky River Drive. Ray Ramsey, 3234.

Ride wanted from Carrington and W. 130. Arlene Pischel, 2146.

Driver wanted to join 4-man combo from vicinity of Eddy Rd., Arlington, Superior area. Alex Smolkin, 3175.

The Miniature of the 1946 Collier Trophy presented to Lewis A. Rodert on December 17, 1947, is now on display in the lobby of the Administration Building. The trophy was awarded for Mr. Rodert's "pioneering research and guidance in the development and practical application of a thermal ice-prevention system for aircraft."

The miniature of the trophy was presented to Mr. Rodert last December 17 by President Dwight D. Eisenhower at the Wright Memorial Dinner. The Aero Club of Washington sponsored the dinner to commemorate the 50th anniversary of powered flight.

The Robert J. Collier trophy was established in 1911. It is awarded annually by the National Aeronautic Association for the achievement in American aviation that is considered to have demonstrated the greatest practical value during the preceding year.

Four-Scholarships Winner. Ronald A. Petti, son of Anthony B. Petti (Plant Services Div.), has been offered graduate scholarships in the law schools of four leading universities - Yale, Michigan, Chicago, and Harvard. Ronald graduated Cum Laude from Kenyon College on June 14. Congratulations to father and son!

Lost Magazine issues needed for binding by Library:

Aircraft Engineering	Oct. 1953
British Journal of Applied Physics	June 1953
Flight	Oct. 30, 1953
General Electric Review	Sept. 1952
Journal of Metals and Transactions	July 1953, Jan. 1953, Supplement
Inst. of Metals, Journal and Abstracts	Feb. 1953
Interavia	June 1953
Nucleonics	Oct. 1950
Applied Scientific Research	Vol. 4A, No. 1 Jan. 1953
Physical Soc. Proc.	Vol. 66, No. 10 Oct. 1953

It's a long story, but please help the Library by sending in or bringing in, if you can, any of the above listed magazines.

Stencils of the Mind . . .

By Norman G. Shidle

The entrance to each mind is like a stencil. Rarely is it a wide opening, unobstructed by preconceived notions of some kind. Each person's environment, habits of thought, and frame of spiritual reference combine to cut the pattern for his individual stencil.

For each of us, a stencil stands there at mind's entrance, like a porter at the door of thought. . . . And, depending on its pattern, it lets in some aspect of each idea that tries to enter; excludes some other phase.

When an idea has been squeezed through our stencil it tends to look something like every other idea that has gotten through. It may little resemble what came from the original sender's mind.

The finer the lines of our stencil, the less of the sent-idea gets through. A fanatic is really just a man whose stencil has come to be but a single pinhole.

Some stencils seem to strain out the bad, the pessimistic, and the unfavorable from what comes to the mind's attention. Such stencils let in all the good, the optimistic, the loving.

Others, it would seem, are cut to let through only the needs-to-be-criticized aspects of whatever presents itself.

The facts let through to the first sort of man convince him that God's in His heaven and all's well with the world. He feels himself surrounded by friendly, attractive, good people. . . . Those let through to the second man make him equally convinced that practically nothing is right with the world—and there probably isn't any God! He feels the world is full of evil, stupid, and unpleasant people.

Each of us cuts his own stencil . . . and there are those who will claim a well-cut stencil is more to be desired than an open mind.

SAE JOURNAL, MAY, 1954

NicNACA Committee for 1954-55 season is:

Andy Beke, Chairman
Don Vargo, Vice Chairman
Dan Monroe, Treasurer
Rosemary Weiss, Secretary
Pat Haley
Eileen Hipes
Gloria Murphy

Irene Kives
Elmer Davison
Held over from previous committee

Seven members were chosen for the new committee, rather than the usual six, because the votes were very close and because one of the male members of the group might be called into the military service.

The first affair planned by the new committee will be held in August - more details in next issue of Wing Tips.

Bowlers living in thee Parma area interested in bowling nearer home than Fairview and Kamms should tell it to Mel Hartmann, room 112 C&TRW, by Lab mail. He has only a temporary retainer on 6 alleys for Fridays, 7:00 p.m. at Brookmans Recreation, W. 130 & Pearl Rd. So, Parma bowlers, get those names in for individual, team and league listings.

American Legion meeting in the auditorium, 7:30p.m., Wednesday, June 30.