



PROP WASH

VOLUME 3, NUMBER 1

AERO SERVICE CORPORATION, PHILA., PA.

JAN. - FEB., 1951

A. O. QUINN JOINS AERO

Alfred O. Quinn, formerly Associate Professor of Photogrammetry at Syracuse University, joined AERO's Engineering technical staff this month. Al brings to his new work a background of 14 years experience in photogrammetry, beginning with his graduation from Syracuse with a B. S. degree in Civil Engineering. He has been associated with the TVA, with AAA, and the University of Florida.

During the war, Al saw service in the Pacific as a photo intelligence officer. In 1946 he was named assistant to the Director of Photography for the Bikini atom bomb tests. In September of that year he returned to his alma mater to teach photogrammetry.

Al is a director of the American Society of Photogrammetry, and a member of the American Geophysical Union and of Sigma Xi.

Al has moved his family here, buying a home in Oreland recently.

RALSTON AT DELAWARE COUNTY HOSPITAL

Percy Ralston of the Shop, who has been ill for the past several weeks, recently underwent an operation at Delaware County Hospital. His many friends at AERO hope he will be well soon.

AERO WORK PRAISED

In a talk February 7 at the Poor Richard Club of Philadelphia, Farley Gannett praised the accuracy of AERO's topo mapping for the Pennsylvania Turnpike Extensions. Gannett is president of Gannett, Fleming, Corddry & Carpenter, Inc., design and location engineers for the Turnpike Extensions.

In a recent article in "Economic Geology", Weston Bourret, geologist of the Kennecott Copper Co., said this of AERO's magnetometer survey work for them in Canada: "...a remarkable achievement under difficult conditions—requiring a highly competent pilot and navigator." Pilot for the job was Joe Mullen; Paul Crause was navigator-photographer; Frank Morgan headed the mag staff.

LOVE THOSE EASTER EGGS!

Ruth Zweig, who gives the Easter Bunny a helping hand every year, is again selling those delicious, wonderful, long-shreds-of-cocoanut Easter eggs. At \$2.40 for a box of 120 eggs, this is a bargain you can't pass up. Or, 2¢ each. Place your order now for Easter delivery!!!

ALICE LYNNE BOYLE BORN

Richard and Muriel Boyle are the proud parents of a lovely daughter, Alice Lynne, who was born August 10 at Chestnut Hill Hospital. Her weight at birth was 5 pounds, 4 ounces.

PROP WASH joins the Boyle's many friends in hearty congratulations, and apologizes for the omission of this fine news from the last issue, due to a make-up oversight.

DANDO THAWS OUT AFTER MINNESOTA TRIP

Eion Dando returned to Philadelphia allegedly to thaw out, after an extended sales trip in Minnesota recently. Heavy snow and temperatures as low as 38 degrees below zero were a commonplace there. On warm days, the mercury climbed right up to 14 below.

Dan is driving a new Mercury, bought to replace his car which was demolished in an accident over the Christmas holidays.

TAX TIME IN ACCOUNTING

AERO people now struggling with the annual question of how much they owe Uncle Whiskers or how much they hope he owes them will get no sympathy from Accounting Department. For the year-end brings a mountain of forms—W-2s, payroll taxes, employee records, and other forms to be handled by Accounting. In brief, this is no time to bother Roy Huntsman with questions as to whether your new set of false teeth is deductible, or how to enter your Garden State losses.

JEWELLS' CAR SIDESWIPE

John Jewell of Photo Lab had the misfortune of having his car sideswiped recently. It was parked on Wyoming Avenue, when a hit-and-run driver clipped it.

MASINO BUYING TV SET

Joe Masino is one of Philadelphia's greatest television enthusiasts. He's planning to be the owner soon of one of the biggest screens money can buy.

SEÑOR KORMAN STUDYING

Que Pasce Korman of the Photo Lab now is the proud owner of a fine home instruction course — "How to Speak Spanish" in 20 easy-to-play phonograph records. According to Harry Franke's careful slide rule calculations, this means Señor Korman will have 360 fewer words in his Spanish vocabulary than Señor T. Hassett, who has 32 easy-to-play records.

PLUM SERVES OYSTERS

Bob Plum served a unique darkroom luncheon to his friends last week. The menu consisted solely of raw oysters — a full bushel of them. Bob set some sort of record by putting away 27 of the bivalves himself.

MC CLAIN PASSES UP GOLDEN OPPORTUNITY

Burt Mc Clain has been offered — and turned down — a golden opportunity to get into the oil business. Here's the prospectus in rhyme (more or less) he received the other day:

Oil the Life Blood of a Nation
Truly it is your Salvation
Year after year Time after time
This Basin is Large along this line

Men with Means awake and live
Examine this your Heart will give
Experience is speaking take it from me
Here is Millions rusting waiting on thee

Coon creek and Kiowa are twin Brothers
When it comes to Production they will both
be Mothers

Chester Formation is plenty good for me and you
Lime stone and Geology will pass here too.

Yes my Friend there is plenty here
That will come into production Year After Year.
You are invited to share these Billions
Under this Rating it could be Trillions.

\$\$\$\$\$\$\$\$

This is for Real He Man Americans Fully Guaranteed.

Your Friend Edmun Baldwin Geol., Logan, Okla.

FRANZEN-TABER NUPTIALS

Miss Patricia Jane Franzen and Robert E. Taber were married December 31 at St. Mary's Church, Hagerstown, Maryland. The wedding was attended by many of the people of Hagerstown, who had received an informal invitation from Pat, through the local newspaper.

After the ceremonies, a wedding breakfast was held for the happy bride and groom at the Hotel Alexandria, Hagerstown. They spent their honeymoon at Lancaster, Pennsylvania.

The Tabers' many friends at AERO wish them a long and very happy life together.

VENEZUELA MODELS SELLING

An over-run of the Venezuela relief maps originally produced for the Creole Petroleum Corporation is now being marketed by AERO to other companies. To date 88 of these handsome plastic relief maps have been sold through word-of-mouth advertising and publicity in some of the trade journals.

MARYLOU ROBACK IS BORN

Marylou Roback, first child of John and Della Roback, was born January 23. Her weight at birth was 7 pounds, 8 ounces. She and her mother are both well.

Hearty congratulations to the Robacks from their many AERO friends!

MILLER PLANNING VACATION

Relief Model's Warren Miller is getting off to an early start on his vacation planning. He's getting set now for a spring trip to Denver, Colorado, his home town.

REINMILLER - BORTMAN ENGAGEMENT ANNOUNCED

Phyllis Bortman of the Accounting Office and Bud Reinmiller of Photo Lab announced their engagement on Christmas Day. Phyllis is wearing a beautiful engagement ring, and the wedding date and place will be announced later.

TOM MOORE BACK AT WORK

Tom Moore, veteran Aero photographer, who has been on the sick list for the past several months, came back to work in mid-January. He looks fine — and it's good to have this quiet, capable guy back on the team. Tom's many AERO friends say, "Welcome back!"

Tom has been working with Research & Development Division on camera design, maintenance and testing, where his broad photographic experience is expected to be very helpful.

HAUG BUYS STUDEBAKER

Kurt Haug of Relief Model now is the proud owner of a new maroon Studebaker Commander. Quite an automobile!

"IT'S COLD OUTSIDE!"

Homer Jensen, who has been in Canada on a sales trip for several weeks, is thinking of replacing his blood with anti-freeze solution. Temperatures there have been down around 35 below, and the Calgary newspapers held out hope of warmer weather—expected to come from *Alaska*.

HESS HAS SWITCHED TO EASTEREGGS

George L. Hess of Sales Department, who would rather drink Four Roses, has switched from Calvert's to Easter Eggs. The delicious, long-shreds-of-cocoanut eggs sold at AERO's switchboard, that is. . . "I done it because my arm was twisted," says Hess. "These Easter Eggs are phenomenal. And *so cheap*."

"OFF WE GO. . ."

George Gause took Frank Yates flying recently. According to Yates, it was blind flying. "He *must* be blind," Yates asserts. "Gause doesn't see such things as worn-out tires. . .tired wings. .a sway-back fuselage."

Yates reports that the plane is just one step ahead of Ed Gresko's car—which Ed put to rest recently.

FLIGHT OPERATIONS BUSY

Gil Stoll and Dean Turner, along with Doug Harris and Paul Crause, are busy in Kentucky as PROP WASH goes to press. They are flying a job there, for the USGS, to very exacting requirements. Their work on this project to date has been very fine.

Down in Bristol, Virginia, the Hopper-Slack team is working on local jobs. In Canada, Ed Canfield is heading up a new magnetometer survey for large mining interests. Meanwhile, in Africa, Frank Morgan is making arrangements in Jo'burg for the DC-3's move to Tunisia for the mag survey to be flown there. Frank McWilliams and Jack Baumann are handling the pilot and co-pilot assignments on this survey.

Newcomers to the Flight Operations group are Lee Burton and Michael Karpowicz, pilots, and Joseph Randall, photographer. After spending some time in checking out in various planes, Burton flew his first assignment - some color photography in Baltimore and Washington with VK - and Karpowicz and Randall completed their first job, an assignment in Brooklyn. Prior to this, Randall had worked with Tom Moore, becoming acquainted with AERO'S photo equipment.

SYMPATHIES EXTENDED

Sincere sympathies are extended to Dorothy Wagner, whose father, Richard Maney, died last month.

NO PLACE TO HIDE NOW

AERO's new public address system reaches into all nooks and crannies of the Main Building to summon people to the phone now. Rugh Zweig makes with the "Calling Dr. Kildare" routine on phone calls—completes more calls now than ever before. In fact, the old stunt—placing a long distance call to Medicine Hat and then disappearing—no longer works. In the interludes between calls, the microphone picks up musical broadcasts—the AERO version of Muzak.

LAUER SHOPPING FOR CAR

Walt Lauer's pockets are bulging with new car literature. Reason: his Ford has been acting up lately. As PROP WASH goes to press, Walt is reported to be leaning toward a Dodge but getting encouragement toward a Pontiac from Drafting Room experts. Probably he will keep the Ford.

US MAP PREMIERED

AERO raised the curtain on its US Map, for its first public display anywhere, in the showing of this new product at the annual meeting of the American Association for the Advancement of Science in Manhattan over the Christmas holidays. The map attracted a great deal of favorable comment from educators at this meeting.

Attending the week's display were Don MacKay, Tom Kirk, Eion Dando, Don Wilson, Charlie Hodell and Bob Sohngen. They gathered information on the public reaction to the map, to aid in setting up plans for the map's marketing.

The following week the map was shown again in Manhattan, this time at a large meeting of Visual Aid Teachers at the Museum of Natural History. They were enthusiastic.

In Washington, in mid-January, the US Map was the AERO display at the American Society of Photogrammetry Meeting, where it was the focus of a lot of interest.

MAG TAPE DUPLICATED

Henry Kaspryzak and Dick Brown, who usually make their contact prints 9 inches square, are turning them out now in one long strip. They are handling the duplicating of the Sonne strip camera record—approximately 5,000 feet of 35 mm film. In addition, they are duplicating about 7,000 feet of magnetometer record, another very long contact print.

MORAL: DON'T WASH IT

On a recent Friday noon-hour Al Ludwig and Bernard Wendell scrambled into coveralls and boots and gave their new cars a washing. Probably neither car needed it. Chief result of the whole operation was the triggering of the worst hail storm of the year.

SAFETY RESPONSIBILITY LAW IS NOW IN EFFECT

AERO employees have asked for more information concerning the new Pennsylvania motor vehicle safety-responsibility act which became effective the first of this month. Here are some of the highlights. . .

Briefly, the law provides that the driver of an automobile involved in an accident in which someone is killed or injured, or property of any one person is damaged in excess of \$100, must report the accident within 24 hours after such accident to the proper state authorities.

If the owner or the driver does not have automobile bodily injury and property damage liability insurance, all the registrations of the owner and the operating license of the driver will be suspended by the Secretary of Revenue unless the owner or driver or both are able to deposit sufficient security for the payment of any judgment for damages resulting from the accident.

Also, if any person fails, after demand from the Secretary, to supply satisfactory evidence that neither he nor his car were involved, or that he has the requisite financial responsibility, his registrations will be suspended until he later supplies such proof. Further, proof of financial responsibility will be required as a result of convictions for certain traffic law violations.

As long as you remain free from accidents, or from convictions causing license or registration suspensions, the law does not affect you. But if you have an accident you are compelled to satisfy the law's requirements by furnishing to the Secretary of Revenue satisfactory evidence that there was in effect at the time of the accident an automobile liability policy insuring the liability of the driver or owner of the vehicle involved; or, by depositing with the Secretary a sum of money or other evidence of ability to pay judgments in an amount satisfactory to the Secretary up to \$11,000. Failing to do this, you may have your driver's license and registrations suspended for one or more years, or indefinitely under some circumstances.

Obviously, you cannot be sure that you will never be involved in an accident. Therefore, the easy way and the sensible way of complying with this new law is to be sure you have the right kind of insurance to protect your right to drive and to keep you on the right side of the law.

RIHL BUYS BUICK

Al Rihl of the Photo Lab made the jump to the big car class recently when he traded in his 1946 Plymouth for a handsome 1950 Buick. The new Rihl car is a gray, 4-door sedan with torpedo back.

AERO BIRTHDAYS

PROP WASH wishes a happy birthday to the following AERO people who celebrate during

March

Paul Dauphin	15
Joseph T. Delahanty	12
George W. Eckardt	2
George T. Hamilton	3
Leonard Joseph	15
John J. Korman	3
Alfred J. Ludwig	24
Joseph A. Mortimer	6
Walter K. McCullough	8
Robert Pollacco	5
Harvey A. Randolph	29
Harry J. Reinmiller	3
Gordon L. Roser	7
Robert R. Singleton	23
Dorothy E. Wagner	20

JOURNALS COVER AERO PROJECTS

Four leading trade magazines are covering AERO methods or projects. Joe Kelley's Trig-Traverse Method will be reported in an early issue of *Engineering News-Record*; the detailed model of the Negaunee, Michigan properties of the Jones & Laughlin Company, made by our Relief Model Division, will be reported in the March issue of *Engineering & Mining Journal*.

The current issue of *Economic Geology* carries an article by Weston Bourret of the Kennecott Copper Company, regarding an airborne magnetometer survey performed by us in the Allard Lake region of Canada for his company. The January *Geophysics* prints the report of the Technical Committee of the five major oil companies for whom we accomplished the Bahamas Survey.

KILSTEIN KAYAK CRUISES PLANNED

Manny Kilstein scans the travel folders these days — walks about mumbling, "Mediterranean cruises, Bahama Islands, South Pacific. . ." For Manny's a sea-farin' man now. Sal Mesticelli and Ed Gresko sold him their kayak. Price \$10. (Why, there was \$8 worth of Scotch tape alone on the kayak.) *Bon voyage*, Manny!

MAG PING PONG GAMES HOT

Ping Pong still claims the noon-hour spotlight for the Magnetometer Division. Big event of the past month was the trouncing administered to Jack Templin and Willie Walthes by Ed Hall and Paul Hoffman. "Colonel" John Sands' playing is also outstanding.

NEW FOREIGN PROJECTS UNDER WAY

Two new magnetometer projects are under way - one in Ontario for a large mining company, and the other a reconnaissance survey in Tunisia for a large oil company. Flying on the Canadian project began March 15, and Frank Morgan left to start the wheels turning on the North African work on March 17.

The Canadian staff includes Ed Canfield, project manager and pilot; Robert Pate, magnetometer operator; and Fred Navazio and Bob Baskin, who will handle data. The survey is being done by Canadian Aero Service Ltd., and two Canadians from the affiliate company, Spartan Air Service, Ltd., will aid in the flying. They are Robert Fowler, pilot, and Ed Ferderber, co-pilot.

Frank Morgan is project manager and magnetometer operator for the Tunisian survey. Staff for this project includes Frank McWilliams, pilot; Jack Baumann, co-pilot and flight engineer; and Ed Hall, who will be responsible for the data work. Bob Baskin will join the group later.

GEORGE HAMLIN RECOVERING

George Hamlin of Relief Model Division, who suffered a fractured pelvis and broken leg in an automobile accident during the holidays, is recovering at home. He is hoping to be back at AERO next month. On behalf of his AERO friends, PROP WASH wishes him a rapid recovery.

MAG PROJECT HIGHBALLING

"Camel", the new airborne magnetometer project in the eastern US, is highballing as PROP WASH goes to press.

Pilot Joe Mullen, mag operator Gene Peterson, and photographer Gordon Roser have been setting a new magnetometer performance record on this job. So far they have clicked off some 16,700 linear miles of flying since the survey started January 11!

NEW EMPLOYEES WELCOMED

Ten new employees have joined AERO recently. Three new men were added to AERO's flight personnel -- Lee Burton and Michael Karpowicz, pilots and Joseph Randall, photographer.

Magnetometer Data Section has increased its staff by four -- Edward Pienta returned in February, and the new members of the Section are Marguerite Eckardt, Reinhold J. Edelschein, and Richard Tebo.

Alfred Longmore is handling the stockroom tasks, and Anna May Gerhardt will take over in Pat Taber's stead, for Pat is tackling sewing and souffles in Devon.

To all these new employees, PROP WASH extends a hearty welcome to AERO's ranks.

CANADIAN AERO ORGANIZED

The organization of Canadian Aero Service, Ltd., has been announced by the Company and by Spartan Air Service, Ltd., of Ottawa. The new concern will be an affiliate of both companies.

The new company has been organized to engage in aerial typographic mapping and airborne magnetometer surveys throughout the entire Dominion of Canada. Spartan will supply flight personnel, many of them RCAF men with a broad experience in bush work, and AERO will provide technical and data personnel, as well as some flight personnel. It is expected that the new company will perform a substantial amount of exploratory and aerial mapping work in Canada. Presently Canadian AERO is engaged in an airborne magnetometer survey for Canadian mining interests, and several oil surveys are in prospect.

Canadian AERO's offices will be in Ottawa.

DUNN TO RETURN SOON

Frank S. Dunn, who has been on the sick list recently, is hoping to be back at AERO again sometime next month. PROP WASH hopes he will be back with us soon.