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WATSON LABS. FORMALLY DEDICATED

Here is the airplane, stationed at the Red Bank Airport, which was used by the Line Equipment Section at Camp Coles to perfect a wire coil which could be paid out at high speeds from a moving aircraft. The two large cylinders suspended under the wings, (showing how the wire is paid out), are models of the type now being procured by the Air Corps for emergency shipment overseas.

The speaker's rostrum during the formal dedication of the Watson Laboratories includes, left to right, Col Walter A. Simpson, SCGSA, (second row left); Col Oscar C. Maier, Commanding Officer, Watson Labs.; Mrs. Paul Watson, widow of the late Col Watson; Lt Col F. C. Fromhagen, Chief Chaplain, Ft. Monmouth; and Mrs. Watson, mother of Col Watson.

John Myers, Donald Chaffee, Lt George W. Cook, O/C Line Equipment Section, and Fred Menes, Jr., inspect a wire dispenser, developed for the Signal Corps, Army Ground Forces, and Army Air Forces, which is expected to improve the use of wire communication immeasurably.

FIVE MILE WIRE COMMUNICATION CIRCUIT INSTALLED IN THREE MINUTES

How a project assigned to the Line Equipment Section of the Wire Branch, SCGSA, finally developed into one of the top priority projects for both the Signal Corps and the Army Air Forces is the dramatic story of a new device which will virtually revolutionize the use of wire communication.

The problem, as first brought to the attention of the Camp Coles unit, was to develop a wire coil which possessed the characteristics necessary for it to be paid out at low and high speeds without the use of auxiliary reel equipment. With the army combat forces essentially dependent upon speed and mobility, it was up to the Signal Corps to develop a coil that could be paid out from fast moving vehicles and provide for continuous and immediate wire communications with the base of operations.

Early in the project, it was found that a special dispenser would have to be used in order to obtain the silent and swift paying out of the coil. A special coil and dispenser were designed and tested with rifle grenades, bazooka, man pack, and with all types of vehicles, particularly the Amphibious "Duck," used in beachhead invasions. The importance of silent operations in the actual paying out of the coil was always borne in mind, as this was a top requisite for successful jungle invasions.

Of vital importance, too, was the development of a coil which would permit constant communication with the machine or invasion craft as it penetrated the enemy zones; equally important was the matter of getting the coils arranged to permit an uninterrupted flow of wire from a succession of coils to provide for a maximum amount of paid out coil in one operation.

While working on the element of speed, the Line Equipment Section started to experiment with wire-laying from an airplane, using a specially equipped plane at the

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GOLD BARS TURN TO SILVER

Lt Col Arthur Eugene Burt, Administrative Executive Officer and Chief, Service Division, SCGSA, presents four WAC officers of Service Division with their official orders confirming their promotion from Second to First Lieutenants. Left to right, Lt Ethel S. Bates, Lt Mary P. Draper, Lt Rose V. Johnson, and Lt Helga Gillies.

EIGHT WAC OFFICERS PROMOTED

Colonel Victor A. Conrad, Colonel, SCGSA, has announced the promotion from 2nd Lieutenant to 1st Lieutenant of the following officers (WAC): Viola E. Huyck, Mary P. Draper, Rose V. Johnson, Ruth G. Wilson, Emma N. Morgan, Helga Gillies, June A. Bruce, and Ethel S. Bates.

Lt Draper is Asst. O/C of Trans. Sec., FMSL; Lt Bates O/C Historical and Employee Suggestion Sec.; Lt Bruce is Asst. O/C Admin. Sec., Maint. Div., Phila.; Lt Huyck is on temporary assignment, SCGSA; Lt Johnson is Admin. Asst., Security and Intelligence Br.; Lt Morgan is Asst. O/C Informal Contract Sec., Purchase Br.; Lt Wilson is Adjutant Camp Coles; and Lt Gillies is O/C of Hq Service Sec.

ARMY AIR FORCES TAKE OVER E.S.L.

In an impressive ceremony highlighted by flights of Liberator bombers and Thunderbolts over the area, the Eatontown Signal Laboratories and part of Camp Wood were formally accepted by the Air Forces Technical Service Command last Thursday afternoon at War Department Theatre No. 3, Camp Wood.

Representing SCGSA in turning over the facilities of the Eatontown Laboratories was Col Walter A. Simpson, Chief, Maintenance Division, who pledged the close support and cooperation of the Agency in helping the new AAF installation get off to a productive start. "We hope to see a maximum exchange of ideas," said Col Simpson, "and a continuous policy of making all special skills mutually available." He spoke on behalf of Col Victor A. Conrad, Commanding Officer, SCGSA.

The dedication was in honor of the late Lt Col Paul Watson, former director of the Camp Evans Signal Laboratory, and one of the greatest authorities on Radar. Principal speaker at the exercises was Major Gen Roger B. Coulton, Air Communications Officer, Air Technical Service Command, Wright Field, Ohio, and former director of the Signal Corps' engineering and technical service division.

Also participating in the ceremony were Brig Gen Stephen H. Sherrill, Commanding General of the Eastern Signal Corps Training Center, Brig Gen F. O. Carroll, chief of the AFTSC's engineering division, and Col Oscar C. Maier, commanding officer of the Watson labs. Major Clarence Chamberlain, O/C, Office Service Branch, SCGSA, was a guest at the dedication.

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BUY AND HOLD WAR BONDS!

KEEP ON BUYING THEM!

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