

The Observer And His Place In Aircraft Warning Service

Over a half million civilians are now taking part in the huge and formidable combat team which is America at war by acting as airplane spotters. Major Oscar C. Turner of the Wilmington, N. C. Information Center says:

"The work of these civilians is an unheralded but vital part in our system of Air Defense." Major Turner said. "On roof tops, on hill tops, on towers from Maine to Florida, these men and women maintain a 24 hour vigil scanning the skies for an aircraft passing overhead. They are housewives, and business men, veterans of other wars, and mothers and fathers of the boys in the air. All are devoting their spare time to the task of keeping our skies clear and free."

The work of the spotter requires speed, precision and accuracy. The moment a plane or light of planes appears on the horizon the observer must make several rapid calculations. He must estimate the number of planes, their type (whether single motor, bi-motor or multi-motor), the altitude at which they are flying, their distance and direction in relation to the Observation Post and the direction in which they are going. Once this is accomplished an exact report is transmitted to the nearest Filter Center within fifteen seconds if possible, by phone, (short wave radio or telegraph if no other means of communication is available). If the spotter phone he says, "Army Flash" into his transmitter.

These words send his call skimming over an intricate comb of wires to the Filter Center. There are three ways by which his call may reach its destination. One is on a direct wire, and the other two are by complicated and devious routes, but all are put through with a matter of seconds. Thanks to our remarkable telephone facilities it would be practically impossible for the enemy to successfully disrupt this system of communication.

At the other end of the line a brisk, impersonal voice says, "Army, Go Ahead P's." Now the spotter gives his information in terse, cryptic terms. "Four, Multi-motor, High Seen" Then he gives the code name of his Observation Post and continues, "Northeast, Ten, West." Translated this means that he has seen four multi-motor bombers flying high and that they were about ten miles northeast of his post flying west.

Once the spotters message is received the complicated machinery of the Filter Center is set in motion. The first spotter's report along with the subsequent reports of other spotters in the path of the planes, is plotted on giant maps which are careful diagrams of the areas concerned. Representatives of the Army, Navy, and Civilian Authority then identify the planes as either, Army, Navy, or civilian, or if none of these, enemy. If they are enemy, pursuit planes are sent rocketing to the attack armed with an exact knowledge of hostile positions and strength which may well prove fatal to the enemy.

Once the fighter planes are directed into the air, they are directed by radio up to the moment of actual contact. The airplane spotters make this possible. They are the eyes and ears of the pursuit pilots. They endow them with a kind of clairvoyance which enables the pilots to know what is occurring in the sky for hundreds of miles around him. No matter how numerous the enemy is, no matter how he may change his course, there are always a thousand eyes to note and report his actions to the Filter Center, where, in turn, it is relayed to the men in the air.

These airplane spotters form part of a tremendously important, gigantic ground crew which "Keeps Them Flying." Their job is difficult, frequently tedious. They work day and night in all kinds of weather. When the post is unattended, as is sometimes the case, their hours are long. But few complain. They know that upon their unrelenting vigilance may depend the security and future of their countrymen.

Additional volunteers are still needed in this county to man observation posts. Applications may be made to Capt. H. C. Long, Shelby N. C. County Director, Aircraft Warning System.

East Kings Mtn. News
By Mrs. W. E. Owen

Our hearts go out in deep sympathy to Mrs. D. A. Cline (the former Mrs. Florence Jenkins) who lost her husband thru a stroke of paralysis May 21. They were highly regarded in this community and our warmest sympathy remains with his widow who will continue to make her home here.

Friends of Elmer Eugene Owen, paratrooper who suffered severe back injuries when his suspension harness gave way will be pleased to know that military physicians hold every hope that young Owen will be active again, whether or not he ever "jumps" again remains to be seen. X-rays disclosed two serious fractures and at present he is in a cast extending from the arm pits to the lowest extreme of the spine. He was sent to the Filter Center this week. A number of friends left Monday to try and visit him.

The shop force at the Phone Number One gave a fish supper in honor of their master mechanic, Mr. Leroy Mearns who is to leave for military duty in the near future. He is loved by everyone and we will miss a splendid citizen through his induction into the army.

We are glad to welcome to our village Mr. and Mrs. Ernest Brooks formerly of Gastonia who make their home at one of the Owen apartments.

Little Jeanette Brown is still improving. She made her regular visit to the doctor for examination for severe burns suffered last winter. She has had a long painful struggle back to health.

We regret very much the sudden illness in the home of Mr. and Mrs. J. T. Peterson on Linwood road. A daughter, Mary, is just back from the hospital after having undergone an operation for appendicitis and Saturday morning Mrs. J. T. Peterson suffered two severe heart attacks, and worry over his wife's condition brought on a nervous breakdown. The three mentioned above are slightly improved at this writing.

Miss Doe Gantt, better known as Grandma Gantt, is still very ill with a serious heart condition. She is held in high regard by all who know her and we hope for her a speedy recovery.

Young Miss Gerald Simpkins left Kings Mountain for a week's visit with an aunt and uncle, Mr. and Mrs. L. V. Shahan of Route one.

Mrs. E. B. Vaughn returned Sunday from Greenville where she had been a patient in the general hospital ten days following an operation for varicose veins.

Mr. and Mrs. P. A. Hawkins and family motored to Patterson Grove to visit the mother of Mr. Hawkins who is still very ill with a very bad heart. Her condition remains almost unchanged and much anxiety is felt about her.

The many friends of Mr. Frank Callard will be glad to know he is resting well after his operation at the Charlotte Sanatorium. Mr. and Mrs. J. B. Clontz and family motored to Ellenboro Sunday for the memorial service and singing with dinner on the grounds at the Walls Baptist church. Others, making the trip were Mr. and Mrs. Lawrence Dover, Miss Margaret Davis and Robert Littlejohn.

Three cheers for East School! They have every right to be proud this year. For aside from winning the field day honors two years in succession, Young Jimmy (Jungins) also of East School, won the P. T. award for the best speaker in the declamation contest given at this school. After competing with West and Central Schools, he captured the Neider medal given to

the best speaker of the Elementary school.

The members of Troop 4 of the Boy Scouts of America went on a tour through the woods with their Scoutmaster, Mr. Mackel Wilson and Mr. McDaniel on a study of wood lore and different things about them.

We regret to state that Mrs. OPI Stroup has been advised to be back to the hospital for a second operation. Due to her husband's illness she does not know just when she will go. It will be remembered he suffered a collapse and while on a vacation at the beach last summer with the Scoutmaster. His condition is the same and he is advised to work on the outside at something that isn't strenuous while he continues treatment.

Mr. and Mrs. J. E. Clontz were notified to come at once to the bedside of his grandfather Mrs. John Carroll of Black Mountain. They will leave immediately.

What You Buy With WAR BONDS

The giant four-motored Navy Patrol Bombers are the world's most powerful planes. They cost approximately \$700,000 each. The Navy also has a lighter Bomber called the Scout Bomber which costs about \$145,000 apiece.



The battle for Britain was almost lost because England had none of these giant four-motored planes with which to fight back. We need thousands of them and they are coming off the assembly lines in our production plants at a high rate of speed today. You can help buy these for your Navy by purchasing War Bonds and Stamps every pay day. Put at least ten percent into Bonds or Stamps and help your country go over its quota.

U. S. Treasury Department

What You Buy With WAR BONDS

The power of the greatest Navy in the world, our own two-ocean fleet, rests in large measure on its backbone—the Battleships of the Line. They displace approximately 35,000 tons and cost up to \$70,000,000. We have something like a score of these huge ships in the Atlantic and Pacific.



Eight huge battleships are under construction and more are contemplated. To finance these modern giants of the sea it is necessary for every American everywhere to buy more and more War Bonds. We can do it if everybody does his share. Invest at least ten percent of your income every pay day to help your country go over its Bond Quota.

U. S. Treasury Department

Our Job is to Save Dollars Buy War Bonds Buy Pay Day

What You Buy With WAR BONDS

Our army spells and pronounces it "porton," not "portoon," as you do. Porton bridges cost all the way from \$15,000 to \$700,000. The smaller bridges using individual metal portons is pictured here. The largest porton bridge is 1,000 feet long and is made of rubber instead of aluminum.



One small bridge has a weight capacity of 25 tons, using about 2,500 individual metal portons. The smallest is used only to take troops over smaller streams. But whether our army uses the smaller or largest porton, our engineers need plenty of them. If you and every American invest at least 10 per cent of income in War Bonds every pay day we can supply our fighting forces with these essentials to a victorious war.

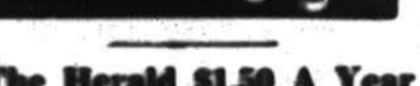
Headaches Simple Neuralgia or Muscular Pains

If you never have had any of these pains, be thankful. They can take a lot of the joy out of life.

If you have ever suffered, as most of us have, from a headache, the next time try DR. MILES ANTI-PAIN PILLS. You will find them pleasant to take and unusually prompt and effective in action. Dr. Miles Anti-Pain Pills are also recommended for Neuralgia, Muscular Pains, Functional Menstrual Pains and pain following tooth extraction.

Dr. Miles Anti-Pain Pills do not upset the stomach or leave you with a dizzy, drugged feeling.

At Your Drug Store or by Mail Order from Dr. Miles Medicine Co., Elkhart, Ind. Send full description in package.



The Herald \$1.50 A Year

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Fancy TOMATOES	3 Lbs.	25c

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Scratch Feed — 16 Percent Dairy Feed
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Ware & Sons

Everything Under Control

From now until the day we win this war, practically everything you buy in this store will be priced the same as it was last March. Some things will even be priced lower.

We are glad and proud to swing in to step with the other conscientious stores of this nation. The new price regulation is drastic. But nobody, not even Leon Henderson himself, sees more clearly than we do the need for sharp and immediate sacrifice to keep the cost of living down in America.

In the Meantime Remember This:

You can do your shopping at this store, in the future as in the past, with complete confidence in the integrity of our wartime standards.

As basic materials become converted more and more to war use, we will be confronted with new and difficult questions with every passing day. Some will be insolvable. Most can be mastered by the use of ingenuity, by the employment of sound business sense, by the enviable position this store enjoys through its years of dealing fairly with wholesaler and consumer alike.

We hope to prove to you, in your future shopping visits, that the attractiveness and essential worth of our merchandise have not been changed. Come in soon and give it a test.

Belk's Department Store
REMEMBER — You Always Save At BELK'S

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Beautiful patterns. Your choice of colors. Grass Rugs for your Porch or Den—

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