



Your Host WA2AXO March 26, 2019

Those who showed on the repeater were, WA2AXO, K2RIW (Dick)

Well a short talk today. Dick is off to the dentist. I am off to sign registration forms for the boy scouts. So keep the home fires burning and be safe.

**I will be on the air Tuesday's on 146.685 MHZ (PL 110.9) at 12PM EST. This is the Great South Bay Radio Club Repeater**

*The history of US Electronic Warfare*

During the second half of 1944, the 8th Air Force lost approximately 1,320 heavy bombers to flak, and only 438 to enemy fighters. The trend indicated earlier in the year, that flak was the main threat, was now firmly established. Surprisingly, there was no sudden reduction in the number of bombers lost to flak during the fall of 1944, in any

way commensurate with the huge and sudden increase in the number of Carpet jammers in use and quantities of chaff dispensed. **Gene Fubini** and his department worked hard to find a reason for this, but at first the problem seemed to defy analysis:

"When this barrage of jamming got going, I did a lot of operational analysis computations to try to measure the effectiveness of it against the German radars. But for some reason I could not fathom, the results were inconclusive. Although I was sure we were hitting the Wuerzburg radars, it seemed to be having hardly any effect on the number of heavy bombers lost or which returned with flak damage. It was all a bit of a mystery, until the British captured a radar operator who had served at a flak site in Germany. It was thought he

might have observed the effects of our jamming at first hand, and as I spoke good German, I was permitted to interrogate him. I was able to strike up a good relationship with him, then I carefully steered the conversation around to the effect of our jamming and chaff. When I mentioned those, his eyes lit up. 'Oh,' he said, 'your jamming was fantastic! It obliterated everything on our Wuerzburg screens!' I said I was surprised he should say that. Whether we jammed or not, never seemed to make much difference to the number of our bombers lost or damaged. 'You don't understand,' he said, 'you don't understand.' Then he went on to explain that at his site, whenever the radar jamming was effective, the battery would abandon predicted fire, and put up a barrage in front of the incoming bombers using vastly more shells. So that was how they were inflicting similar loss and damage rates against our bombers! It had never occurred to me. All the time, I had thought that our jamming was not having much effect. Soon afterwards, the Germans were forced to abandon barrage fire except in the defense of especially important targets. The rate of ammunition expenditure was so great the factories could not keep up with it.

"I think the lessons of that story are still relevant today. If you are trying to evaluate the effectiveness of counter-measures against an enemy defensive system, it is necessary to take the results of several missions under a variety of conditions. And, while you are doing it, you must watch carefully to see that the enemy is not changing his tactics, or it can screw up your results completely ...



The B17 Bomber, built by Paul Clifford 2018.

---

**News from Paul**

Please keep the news coming.....

The first Wednesday of the month Lunch will be held at:

**Hibachi Grill and Supreme Buffet**

**1114-1116 Deer Park Ave  
North Babylon, NY  
(631-274-0888)**

On the webpage now we have Eaton AIL Record **April 1985**  
New March 26, 2019

**On The Web Page**

**AIL Records.**

<b>April</b>	<b>1982</b>
<b>June</b>	<b>1982</b>
<b>July</b>	<b>1982</b>
<b>August</b>	<b>1982</b>
<b>September</b>	<b>1982</b>
<b>November</b>	<b>1982</b>
<b>December</b>	<b>1982</b>
<b>February</b>	<b>1983</b>
<b>June</b>	<b>1983</b>
<b>July</b>	<b>1983</b>
<b>August</b>	<b>1983</b>
<b>January</b>	<b>1984</b>
<b>April</b>	<b>1984</b>
<b>June</b>	<b>1984</b>

<b>July</b>	<b>1984</b>
<b>September</b>	<b>1984</b>
<b>January</b>	<b>1985</b>
<b>March</b>	<b>1985</b>
<b>April</b>	<b>1985</b>

Please be reminded that you can find the AIL Retiree News Letter on my web page on Tuesday.

Click below for the web page

<http://pauls-page.com/index.htm>

If you cannot click and bring site up then type it into your browser.

Please remember that your news could be in this newsletter. Let friends know how you are doing. I am sure they would like to know!

**KEEP THE NEWS COMING PLEASE!**

=====

Our lunch meetings are held the first Wednesday of each month. Held at  
**Hibachi Grill and Supreme Buffet**  
**1114-1116 Deer Park Ave**  
**North Babylon, NY**

Retiree breakfast gatherings are held every Thursday at 8:30 AM, Olympic Diner on Deer Park Ave in Deer Park

=====

Note: I am putting anything that tells a story about the history of AIL on my web page. Please if you have any relative information, please send it to me. Thank you.

=====

Send photos either by e-mail, attachment (jpg or gif or pdf) or via regular mail. (I have a scanner)

My address is:

18 Burton Lane

Massapequa, NY 11758-5314

=====

The opinion expressed by a member is not necessarily the opinion of your host. That is all the news I have from here, so best wishes to all, Paul.

My E-mail [paulcl@bellatlantic.net](mailto:paulcl@bellatlantic.net)

Web Page <http://pauls-page.com/index.htm>