SUMMARY OF STATISTICS FOR AUGUST
421st AAF B U (Bomb RTU (H))
9 September 1944

I OPERATIONS STATISTICS

A. Engineering

1. Flyable Aircraft

In August, an average of 62 B-24's were assigned to the Base. This is a decrease of 8 B-24's from the July average. An average of 29 or 47 percent of the 62 were kept flyable (Fig. 1). In July, 53 percent were kept flyable.

2. Maintenance Efficiency

Maintenance Efficiency (Fig. 2), compiled by the formula

$$\frac{\text{Airplane Hours at Location} - \text{Airplane Hours Lost to Maint.}}{\text{Airplane Hours at Location}}$$

was 47 percent in August while in July it was 58 percent.

The number of plane-days lost because of awaiting parts was 165. In July, 158 plane-days were lost for parts.

In 88 instances planes were grounded for three or more consecutive days. In July, there were only 26.

3. B-24 Accidents

The accident rate per 1000 hours flown was 0.62 in August (Fig. 3). There were six accidents of which three were fatal. The 320th Wing rate per 1000 hours flown was 0.39 in August.

B. Operations

1. Airplane Hours

The following are data pertaining to the use of airplane hours availa in August with comparable data for July:

	July		August
	No.	%	No.
Total Airplane Hours	52638	100	46200
Hours Flown *	9237	18	9663
Hours Lost to Maint.	22126	42	24364
Hours Lost to Rest Period and Bad Weather	12360	23	9379
Hours of Dead Time	8645	17	2794

2. Operational Efficiency

Operational Efficiency increased from an average of 52 percent during to 78 percent during August (Fig. 5). The increase is owing to greater use of able planes; the average number of hours flown per day by in commission planes 7.33 in July, while in August it was 10.96.