

Non Effective Sorties and Early Returns

April 29, 1944 to April 29, 1945

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Totals
Weather And Recalls	34	33	0	0	60	148	28	58	44	102	0	34	541

Mechanical Failures

Engines(General)	11	24	35	22	2	12	10	14	11	25	10	19	195
Prop Governors	2	0	1	3	0	3	4	1	0	1	2	1	18
Supercharger	4	6	10	10	0	7	9	6	1	10	4	3	70
Manifold	0	3	1	2	0	0	0	0	0	0	0	2	8
Electrical	1	1	0	0	0	1	0	0	0	0	0	0	3
Generators	2	1	6	1	0	0	0	0	0	1	1	0	12
Landing Gear	1	0	0	1	0	1	1	1	0	0	0	0	5
Hydraulic	0	0	1	0	0	0	1	0	0	0	0	0	2
Fuel And Oil Leaks	1	4	10	7	1	6	4	5	1	9	4	2	54

Accessory Failures

Bomb Rack	13	11	0	0	0	0	0	0	0	1	0	0	25
Turrets	2	0	0	1	0	1	0	0	0	0	0	0	4
Bombay Doors	0	0	0	1	0	0	0	0	0	0	1	1	3
Oxygen	1	1	6	3	0	3	6	0	1	4	3	4	32
Radio&Instruments	0	0	0	0	0	0	0	0	1	1	0	0	2
Totals	72	84	70	51	63	182	63	85	59	164	25	66	974

Miscellaneous

Enemy Interception	3	1	0	2	0	1	0	0	0	0	0	0	7
Personnel	3	2	2	1	0	0	2	2	0	0	0	2	14
Failure To Rendezvous	1	1	0	1	0	19	0	12	0	0	0	6	40
All Other Causes	0	3	1	2	0	8	5	6	0	11	7	10	53
Total	7	7	3	6	0	28	7	20	0	11	7	18	114
Grand Total	79	91	73	57	63	210	70	105	59	175	32	84	1088

Aircraft Assignment

At the start of operations on April 29, 1944, the group had a total of 61 B-24 aircraft. During the months that followed there were fluctuations in strength of a/c, due to assignment and attrition. A study of the accompanying data, shows that there was a turnover of approximately two times since the group commenced to fly operational missions.

Number of Planes Operational by Squadrons

	824	825	826	827	Total
Start of Operations 4/29/44	15	15	16	15	61
End of Operations 4/29/45	20	16	16	14	66
Aircraft acquired in 1 year	30	38	25	25	118

Percent of Operational Aircraft

Percent of Operational Aircraft by Squadrons & Group

A/C
Asgd

	824	825	826	827	%	No
May	63.6	75.5	80.6	80.2	75.0	57
June	58.1	70.3	80.5	71.1	70.0	58
July	65.9	68.3	71.6	73.3	70.0	62
Aug	63.9	70.6	75.2	66.2	69.0	60
Sept	84.4	85.9	92.0	84.7	78.0	62
Oct	75.6	80.9	76.5	66.9	75.0	61
Nov	60.4	81.4	67.5	59.0	68.0	52
Dec	83.8	69.6	62.2	68.8	71.0	48
Jan	86.7	70.4	70.0	82.0	77.0	49
Feb	70.2	68.0	73.4	81.5	73.0	54
March	84.1	83.9	80.9	75.7	80.0	55
April	94.4	91.9	85.7	81.8	89.6	62