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OPERATIONS RECORD BOOK

APPENDIX

R.A.F.
Form 541

DETAIL OF WORK CARRIED OUT

SECRET

Page No. 1

By Det. 467 (1st) Squadron

For the month of July 1945

(Type) Wt 3452-22 40000 512 T.S. 700
(Type) Wt 3452-2222 1200 1212 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
3/4 July	Lancaster III ED. 949	P/Ogt Tillotson G.P. Sgt Winston A.L. Sgt Baskin R.H. Sgt Baskin G.H. Sgt Baskin J.H. Sgt Baskin K.G. Sgt Baskin L.H. P/Ogt Camp A.	Captain P/Engineer A/Navigator Navigator P/Operator W/O A/G Rear A/G 2nd Navigator	2234	0430	Building - GULAG - sortie completed. Visibility very good, no clouds. Bombed red VI from 19500 at 0117 (1 x 4000lb, 1 x 5000 37 lb, 3 x 5000 fused .035, 48 x 30lb and 600 x 4lb inc.). On bombs seen to burst in target area. Very large concentration of fires and numerous explosions. Very dense smoke. Later results difficult to see owing to target being covered with smoke. Failed to determine W 500 as well as only got 19000 at which height could not keep speed. After jettisoning were able to keep height and speed. Not much activity on route. On leaving target were covered by 30 searchlights but were clear in 2 mins.	
3/4 July	Lancaster III ED. 950	P/Ogt Fisher A. Sgt Smith V. Sgt MacLennan H. Sgt Dooney M. Sgt MacLennan P.L. Sgt Walker P.L. P/O G.D. Currie	Captain P/Engineer A/Navigator Navigator P/Operator W/O A/G Rear A/G	2251	0356	Building - GULAG - sortie completed. Flight ground base, via otherwise good. Bombed red VI from 16500 at 0118 (1 x 4000lb, 1 x 5000 37 lb, 3 x 5000 fused .035, 48 x 30lb and 600 x 4lb inc.). Large explosions well in target area. One exceptional explosion appeared to be an oil storage. Good concentration of fires still visible 300 miles on return route. Active action changed at height and air speed. Generalised building search. Route flak free but great concentration of 4/4s over targets. No trouble on way out. River visible in flashes.	
3/4 July	Lancaster I. ED. 956	P/O J.H. Whiting Sgt Ryan H.D. Sgt Simpson J.G. P/O W.C. Oloos Sgt Wolf G. P/Ogt Holt G.O. Sgt Rodger E.	Captain P/Engineer A/Navigator Navigator P/Operator W/O A/G Rear A/G	2243	0350	Building - GULAG - sortie completed. Clear - good visibility. Bombed red VI from 18000 at 0118 (1 x 4000lb, 1 x 5000 37 lb, 3 x 5000 fused .035, 48 x 30lb and 600 x 4lb inc.). Building concentrated - many fires and much smoke seen on leaving area. Bags of 4/4s had appeared ineffective. Flak comparatively heavy. Good plumb. Good navigation.	
3/4 July	Lancaster III ED. 764	P/Ogt Jones J.H. Sgt MacLennan H. Sgt MacLennan R.H. Sgt MacLennan J.H. Sgt MacLennan P.L. Sgt Cole J.H. Sgt Thomson G.P. P/O W.C. Oloos	Captain P/Engineer A/Navigator Navigator P/Operator W/O A/G Rear A/G 2nd Navigator	2222	0345	Building - GULAG - sortie completed. No cloud - good vis. Bombed red VI from 19500 at 0119 (1 x 4000lb, 1 x 5000 37 lb, 3 x 5000 fused .035, 48 x 30lb and 600 x 4lb inc.). Bombs seen exploding in built-up area, and fires could be seen from 180 miles away on return journey. Red seemed to have quite a good concentrated start. Bombing excellent. Investigator's work first-rate.	
3/6 July	Lancaster III ED. 554	P/O H.L. Locke Sgt Holt W.G. Sgt Townsend P.F. Sgt MacLennan H. Sgt Butler L. Sgt Brown A. Sgt MacLennan E.	Captain P/Engineer A/Navigator Navigator P/Operator W/O A/G Rear A/G	2252	0400	Building - GULAG - sortie completed. 6-5/10th low cloud. Good vis. over target. Bombed red VI from 19500 at 0120 (1 x 4000lb, 1 x 5000 37 lb, 3 x 5000 fused .035, 48 x 30lb and 600 x 4lb inc.). Bombing excellent. Red did not see bombs explode. Red appeared scattered at first but became concentrated as left target. Route flak-free.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
3/4 July	Lanester III 12,532	W/Sgt Wallace C.S. Sgt Culbertson W.O. W/Sgt Kennedy J. Sgt Birch H.W. Sgt Jeffrey H.H. Sgt Ritchie J.W. Sgt Usher G.W.	Captain W/Sgt in car A/Bomber Navigator W/Operator W/O A/G Rear A/G	2223	0605	bombing - OILCONE - sortie completed. No cloud - some haze. Bombed red sky marker from 20000 at 0122 (1 x 4000lb, 1 x 500 37 lb, 1 x 5000 lb fused .025, 40 x 30lb and 600 x 4lb inc.). Bombing appeared concentrated and three seen from considerable distance after leaving target. Numerous a/c though accuracy ineffective. Intense light flak up to about 16/17000 - very little above that. 127 115 and 415 markers on this and quite numerous. Route 1: and out relatively flak free.	
3/4 July	Lanester III 12,538	W/O Cunningham J.H. Sgt Lewis J.W. Sgt Hamilton H.V. Sgt King H.W. Sgt Green W. Sgt Bradley H. Sgt Foster H.	Captain W/Sgt in car A/Bomber Navigator W/Operator W/O A/G Rear A/G	2229	0557	bombing - OILCONE - sortie completed. No cloud - excellent vis. Bombed red 21 from 20500 at 0122 (1 x 4000lb, 1 x 500 37 lb, 1 x 5000 lb fused .025, 40 x 30lb and 600 x 4lb inc.). Goodie seen to explode. 12 seen of lines, none to be burning which turned into a red glow. Route absolutely flak free. Apparent to be dev flying into a goal concentrated raid.	
3/4 July	Lanester III 12,546	W/O R.A. Taylor Sgt MacLellan G.B. Sgt Wright H.S. Sgt Cole J.K. Sgt Jackson C. Sgt Short P. Sgt Shaw P.W. W/O Whitford J.	Captain W/Sgt in car A/Bomber Navigator W/Operator W/O A/G Rear A/G 1st P.O.T. 2nd P.O.T.	2230	0601	bombing - OILCONE - sortie completed. No cloud, some haze, moderate vis. Bombed red 21 from 19500 at 0126 (1 x 4000lb, 1 x 5000 37 lb, 1 x 5000 lb fused .025, 40 x 30lb and 600 x 4lb inc.). Bombing appeared concentrated. Large three seen. Bombing good. Tracks into target from coast marked from sky markers and lights on ground. Vis good except for smoke though moderate. Heavy tracer up to 20000ft.	
3/4 July	Lanester III 12,553	W/O H.H. Collins Sgt Hamilton J.H. W/O H.H. Jackson W/O H.S. George Sgt Harvey K. Sgt Ogden Sgt Lewis H.W. W/O H.C.L. Grouch	Captain W/Sgt in car A/Bomber Navigator W/Operator W/O A/G Rear A/G 1st P.O.T. 2nd P.O.T.	2226	0555	bombing - OILCONE - sortie completed. Clear. Low 1 x 40 cloud, streaks seen. Bombs 4000 of pattern of green 21s from 19000 at 0125 (1 x 4000lb, 1 x 5000 37 lb, 1 x 5000 lb fused .025, 40 x 30 lb and 600 x 4lb inc.). Goodie burst about 500 yds from red marker. Very heavy bursts concentrated in one area. 0125 huge fire seen, many others going well. Distance moderate in haze from and haze spreading into the a/c comes short a/c were being held. Route flak-free. Navigator well covered out.	
3/4 July	Lanester III 12,561	W/Sgt Chapman S. Sgt Lamberton H. Sgt With H.G. Sgt Richards A.B. Sgt Donnelly H. W/Sgt Brown W. Sgt Robinson W.B. Sgt Smith V.	Captain W/Sgt in car A/Bomber Navigator W/Operator W/O A/G Rear A/G 2nd W/Engineer	2227	0601	bombing - OILCONE - sortie completed. Hazy. Bombed red 21 from 19500 at 0125 (1 x 4000lb, 1 x 5000 37 lb, 1 x 5000 lb fused .025, 40 x 30lb and 600 x 4lb inc.). Concentrated large three to 21 of where 21s were seen. Very good concentration of a/c over target. Raid considered to be excellent. Route and navigation good.	

OPERATIONS RECORD BOOK

DETAIL OF WORK CARRIED OUT

By 105-1467 (Rev. 9) [Signature]

FOR THE MONTH OF July 1943

Time

APPENDIX.....A.....

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APPENDIX A

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By No. 467 (R.A.F.) Squadron

FOR THE MONTH OF July 1913

(1913) W/L 2115-25 6420 1/4 T.S. 700
(1913-2113) W/L 2115-25 6420 1/4 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
3/4 July	Leamster III No. 772	G/Capt V. H. H. H. H. H. Sgt. Full. H. P/L. H. H. H. H. H. P/O. H. H. H. H. H. P/L. H. H. H. H. H. P/O. H. H. H. H. H. P/O. H. H. H. H. H.	Captain P/Engineer A/Engineer Navigator W/Operator M/U A/G Rear A/G	2355	0423	Banking - OCEANUS - sortie completed. Clear, occasional puffy cloud. Smoke base. Bombed green Tls from 22000 at 0150 (1 x 40000, 1 x 5000 27 lbs, 3 x 5000 27 lbs, 40 x 30lb and 600 x 4lb inc.) One burst not seen but may be large and concentrated firestorm along ship's front. On return journey big explosion seen at target at 0240. Weather good. Route excellent.	
3/4 July	Leamster III No. 676	P/O. H. H. H. H. H. Sgt. Miller F. C. Sgt. Green F. J. C. Sgt. Robertson J. Sgt. McLeod W. Sgt. Smith J. H. Sgt. Brown J. H.	Captain P/Engineer A/Engineer Navigator W/Operator M/U A/G Rear A/G	2355	0440	Banking - OCEANUS - sortie completed. Clear, cloud nil. Bombed red and green Tls from 20400 at 0150 (1 x 40000, 1 x 5000 27 lbs, 3 x 5000 27 lbs, 40 x 30lb and 600 x 4lb inc.) Many small bursts right in middle of fires which were large and concentrated. One very big fire with ship full of smoke up to 10000ft. Route in and out comparatively flak free. Whilst on fringes of target it was heavy but not accurate. Target flak free and numerous A/Ls ineffective.	
3/4 July	Leamster III No. 155	P/O. G. D. Mitchell Sgt. Evans R. H. H. P/O. H. H. H. H. H. P/O. H. H. H. H. H. Sgt. Baker J. H. Sgt. Baker H. H. P/Sgt. Terry A. H.	Captain P/Engineer A/Engineer Navigator W/Operator M/U A/G Rear A/G	2300	0423	Banking - OCEANUS - sortie completed. Clear, cloud nil. Smoke and base. Bombed green Tls from 18000 at 0150 (1 x 40000, 1 x 5000 27 lbs, 3 x 5000 27 lbs, 40 x 30lb and 600 x 4lb inc.) Results of our bombing not seen, but large fires were going well. Attack appeared concentrated. Route very quiet, no flak or A/Ls. On approaching target appeared to be heavy flak barrage with low tracer, but over target no heavy flak, a little tracer and no A/Ls. Leaving target heavy smoke on port, quite a few ineffective covering bombs. Very good work by navigator.	
3/4 July	Leamster III No. 339	P/Sgt. McNeill H. H. Sgt. Martin A. H. Sgt. Booth W. Sgt. Griffin H. Sgt. Gray H. Sgt. Bethell R. H. Sgt. Gordon K. H.	Captain P/Engineer Navigator A/Engineer W/Operator M/U A/G Rear A/G	2259	0432	Banking - OCEANUS - sortie completed. 3/40 strat. cu. tops approx. 2000ft with base. Bombed on red Tl immediately after cascade from 25000 at 0150 (1 x 40000, 1 x 5000 27 lbs, 3 x 5000 27 lbs, 40 x 30lb and 600 x 4lb inc.) Large fires - glow seen 100 miles away after leaving target. Compliments a good concentrated raid. Route and navigation excellent.	
3/4 July	Leamster III No. 551	Sgt. Warren H. O. Sgt. Hildreth G. Sgt. Gordon F. H. Sgt. Heston F. H. Sgt. Lynch A. H. Sgt. Giroux J. L. H. Sgt. Siddaway S. H.	Captain P/Engineer A/Engineer Navigator W/Operator M/U A/G Rear A/G	2302	0436	Banking - OCEANUS - sortie completed. No cloud, very good vis. Bombed centre of green Tls from 19500 at 0151 (1 x 40000, 1 x 5000 27 lbs, 3 x 5000 27 lbs, 40 x 30lb and 600 x 4lb inc.) Great concentration of fires well in- nated above. Dense columns of smoke. Very little defence on way in. Target easily identified by large concentration of fires. Defences and A/Ls appeared to have been sniped. Route out quiet with little or no flak.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
3/4 July	Lancaster III ID-541	P/Cpt Paul H. ... Sgt Gillman S.J. P/O V. ... Sgt Stevenson S.J. Sgt King J. Sgt ... Sgt ...	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2305	0134	4/10ths low cloud. Bombing - 001025 - sortie completed. Bombed red VI from 19200 at 0154 (1 x 4000ft, 1 x 5000 37 lbs, 3 x 5000 37 lbs, 48 x 3000 and 600 x 400 lbs). Did not see own bombs burst, but saw numerous other bursts and fires over large area. Considered a good trip. Concentration of the a/c seemed excellent. Route very good - flak free. Navigation very OK.	
3/4 July	Lancaster III ID-757	P/O S.F. ... Sgt Williams P.H. P/O T.V. ... Sgt ... Sgt ... Sgt ...	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2258	0128	Bombing - 001025 - sortie completed. Very slight thin cloud cover 6000ft. Visibility good. Bombed red VI from 24500 at 0154 (1 x 4000ft, 1 x 5000 37 lbs, 3 x 5000 37 lbs, 48 x 3000 and 600 x 400 lbs). Terrific concentration of fires and smoke all in area. Exceptional orange explosion followed by white smoke at 0155. Also very large explosion and some smoke at 0156. Several large explosions with orange flames seen whilst approaching target, and after leaving from about 10 miles S of target a thick pall of black smoke rolling off S and covering large area. A/c in good number, barrage flak. No enemy a/c seen going out on home base.	
3/4 July	Lancaster III ID-621	P/O ... Sgt ... P/O ... P/O ... Sgt ... P/O ... Sgt ...	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2301	0130	Bombing - 001025 - sortie completed. Broken cloud about 5/4000ft. Vis. good. Bombed red VI from 33800 at 0157 (1 x 4000ft, 1 x 5000 37 lbs, 3 x 5000 37 lbs, 48 x 3000 and 600 x 400 lbs). Very concentrated fires with a few incalculable falling bombs. Very intense smoke. Appeared to be a well concentrated attack. IFF returns well placed and to time.	
3/4 July	Lancaster III ID-3005	P/O G.A. ... Sgt ... Sgt ... Sgt ... Sgt ... Sgt ...	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2225	0348	Bombing - 001025 - sortie completed. 3-4/10ths very fine about below 4000ft. Vis. good. Bombed red flares and white smoke from 19000 at 0156 (1 x 4000ft, 1 x 5000 37 lbs, 3 x 5000 37 lbs, 48 x 3000 and 600 x 400 lbs). One small fire and several developing by the time target left to a good concentration with columns of smoke from large blazes. Bombing excellent. IFF good - appeared start of a very successful raid.	
4/9 July	Lancaster I ID-506	P/O ... Sgt ... Sgt ... P/O ... P/O ... Sgt ... P/O ...	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G 2nd Pilot	2240	0554	Bombing - 001025 - sortie completed. 10/10ths clear with up to 16/1000ft with some OI to W of target. Bombed on S.I. from 20000 at 0118 (1 x 4000ft, 1 x 5000 37 lbs, 3 x 5000 37 lbs, 48 x 3000 and 600 x 400 lbs). IFF into and a number of scattered bombs going down before IFF started. Clouds prevented any estimation of raid at time of bombing. Route in and out good. Starboard outer engine fire shortly after leaving target 50.0.0.0344. Feathered and returned on three engines.	

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(9511) Wt 4410-95 60,000 248 T.S. 700

(4511) WL 9410-61 61400 247 T.S. TWO
(4511) WL 9410-61400 247 T.S. TWO

FOR THE MONTH OF

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DETAILS OF SORTIE OR FLIGHT

REFERENCES

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
8/9 July	Lancaster III ED, 998	P/O J.L. Cunningham Sgt Lewis W.D. Sgt Hadden H.V. Sgt King H.R.W. Sgt Green H. Sgt Bradley H. Sgt Lewis L.	Captain W. Cunningham A/Engineer A/Engineer W/Operator S/U A/G Rear A/G	2226	0405	Bombing - COLASHE - sortie completed. 10/10ths cloud - tops 14000ft. Bombed on red flare from 22000 at 0114 (1 x 10000, 1 x 5000 37 lbs, 3 x 5000, .025, 43 x 30lb and 600 x 4lb inc.) Red glow seen below clouds as target left. Route very flat free to and from target. No trouble encountered. Target covered with cloud but large explosion seen on leaving target.	
8/9 July	Lancaster III ED, 547	P/O J.L. Whittier Sgt Price K.J. Sgt Simpson G.D. P/O W.S. Goss Sgt Bell G. P/Sgt Donahue Sgt Porter P. W/O A.S. Whitford	Captain P/Engineer A/Engineer A/Engineer W/Operator S/U A/G Rear A/G 2nd Pilot	2222	0433	Bombing - COLASHE - sortie completed. 10/10ths cloud - tops about 10000ft. Bombed on R.F.A. from 19500 at 0116 (1 x 10000, 1 x 5000 37 lbs, 3 x 5000, .025, 43 x 30lb and 600 x 4lb inc.) PFF late. Results not really seen but huge glow under clouds. Flak - barrage and predicted. No fighters seen.	
8/9 July	Lancaster III ED, 548	P/Sgt Tilletson G.P. Sgt Alston A.L. Sgt Dobbin H.D. Sgt Graham C.S.H. Sgt Steele J.L. Sgt Montook K.G.V. Sgt Rankhurst W.E.	Captain P/Engineer A/Engineer A/Engineer W/Operator S/U A/G Rear A/G	2227	0424	Bombing - COLASHE - sortie completed. 10/10ths cloud - tops 10000 ft. Bombed on red flare with green stars from 21000 at 0117 (1 x 10000, 1 x 5000 37 lbs, 3 x 5000, .025, 43 x 30lb and 600 x 4lb inc.) Weather on route was fair and route was practically flak-free. PFF seemed to be pretty good and a good concentration of bombing going on about the red flare. Results were difficult to observe but two tremendous explosions lasting some seconds was seen just after leaving target.	
8/9 July	Lancaster III ED, 737	P/O K. A. Livers Sgt McLelland A.B. Sgt Houghton H.M. Sgt Cole J.L. Sgt McLean G. Sgt Short R. Sgt Shaw P.V. Sgt Smith G.J.	Captain P/Engineer A/Engineer A/Engineer W/Operator S/U A/G Rear A/G 2nd Pilot	2225	0415	Bombing - COLASHE - sortie completed. 10/10ths cloud - tops well below. Bombed on red flare from 22500 at 0118 (1 x 10000, 1 x 5000 37 lbs, 3 x 5000, .025, 43 x 30lb and 600 x 4lb inc.) Results unobserved owing to clouds. Bombing good. PFF late. Light barrage or heavy flak, no predicted flak.	
8/9 July	Lancaster III ED, 948	P/O R. Sandhu Sgt Saunders L. Sgt Burgess R.E. Sgt Murray A.E. P/O R.V.T. Bailey Sgt Niven G.M. Sgt Hodges C.H.	Captain P/Engineer A/Engineer A/Engineer W/Operator S/U A/G Rear A/G	2224	0412	Bombing - COLASHE - sortie completed. 10/10ths cloud - tops 15000ft. Bombed on red flare from 23000 at 0119 (1 x 10000, 1 x 5000 37 lbs, 3 x 5000, .025, 43 x 30lb and 600 x 4lb inc.) Red glow seen 0115 and bright glow 0122. Trip uneventful.	

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References

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
8/5 July	Lancaster III ID. 311	P/Sgt Chapman S.A., Sgt Thompson J., Sgt Smith R.G., Sgt Michaels R.E., Sgt Bentley F., P/Sgt Bruce W., Sgt Buchanan W.S., P/Sgt Boyd A.	Captain P/Engineer A/Engineer Navigator W/Operator R/U A/G Rear A/G 2nd Navigator	2220	0401	Banking - 0400Hrs - sortie completed. 10/10ths cloud - tops 15000ft. Bombed red flash from 20000 at 0120 (1 x 4000lb, 1 x 5000lb, 3 x 300lb, 1 x 500lb, 1 x 250lb, 48 x 30lb and 600 x 4lb inc.) Fairly successful trip with very good route in and out. Investigation throughout considerable. No comment in mid upper turret throughout trip on electrical failure in turret was result of gunner unable to shoot intense and no continued search from astro data with aid of oxygen extension.	
8/9 July	Lancaster III ID. 303	P/Lt Dixon P.W., Sgt Jones B. (Pilot) Sgt Richmond G.A., Sgt Nielsen W.F., Sgt Lowe P., Sgt Hughes R., Sgt Garnett R., Sgt McIntosh R.E.	Captain P/Engineer A/Engineer Navigator W/Operator R/U A/G Rear A/G 2nd Navigator	2219	0350	Banking - 0300Hrs - sortie completed. 10/10ths cloud. Bombed red flash from 21000 at 0121 (1 x 4000lb, 1 x 5000lb, 37 lb, 3 x 500 lb, 1 x 250lb, 48 x 30lb and 600 x 4lb inc.) Bombing was dropped by 250 eight minutes later, and was not seen.	
8/9 July	Lancaster III ID. 341	Sgt Claxton D.B., Sgt Wilson J.A., Sgt Evans R., Sgt Richardson A.H., Sgt Pitt G.B., Sgt Williams T.B., Sgt Clark R.M.	Captain P/Engineer A/Engineer Navigator W/Operator R/U A/G Rear A/G	2221	0412	Banking - 0400Hrs - sortie completed. 10/10ths cloud 12000ft. Bombed red flash from 18000 at 0121 (1 x 4000lb, 1 x 5000lb, 37 lb, 3 x 500 lb, 1 x 250lb, 48 x 30lb and 600 x 4lb inc.) Weather conditions did not afford results to be seen. Red glow under clouds. Intense heavy anti-aircraft fire. Results depend on accuracy of 727.	
8/9 July	Lancaster III ID. 621	P/Sgt Hender R., Sgt Brown G.L., Sgt Foster G.S., P/O R.E. Carbutt Sgt Baker G.W., Sgt Lindsay S.H., Sgt Fulton F.	Captain P/Engineer A/Engineer Navigator W/Operator R/U A/G Rear A/G	2223	0423	Banking - 0400Hrs - sortie completed. 10/10ths cloud - tops about 10000ft. Bombed on red flash from 23000 at 0122 (1 x 4000lb, 1 x 5000lb, 37 lb, 3 x 500 lb, 1 x 250lb, 48 x 30lb and 600 x 4lb inc.) - 0121 explosion - glow overall clouds, followed by substantial remaining glow. Target successfully bombed, flak over target moderate at low level, but very little at our height. Route in and out very quiet.	
8/30 July	Lancaster III ID. 333	P/Sgt Wallace G.M., Sgt Caldwell W.B., P/Sgt Kennedy J., Sgt Birch W.G., Sgt Jeffrey R.L., Sgt Ritchie J.W., Sgt Under G.J.	Captain P/Engineer A/Engineer Navigator W/Operator R/U A/G Rear A/G	2234	0410	Banking - 0400Hrs - sortie completed. 10/10ths cloud - tops 17-18000ft. Bombed on red flash from 21000 at 0122 (1 x 4000lb, 1 x 5000lb, 37 lb, 3 x 500 lb, 1 x 250lb, 48 x 30lb and 600 x 4lb inc.) - One bomb unobserved. Large explosion lighting up sky for five to seven sec. Glow seen under cloud. Slight flak encountered crossing over coast on way in, having search carried out all the time, no night fighters seen. Damage type flak, slight damage sustained. Slight flak encountered on return journey.	
8/9 July	Lancaster III ID. 339	P/Sgt Fisher A., Sgt Smith V., Sgt McCallum W., Sgt Rooney M.H., Sgt Macintosh R., Sgt Payne J.H., Sgt Boardman F.	Captain P/Engineer A/Engineer Navigator W/Operator R/U A/G Rear A/G	2230	0427	Banking - 0400Hrs - sortie completed. 10/10ths strato on over target, about 13000ft. Flak clear. Bombed on red flash from 20000 at 0121 (1 x 4000lb, 1 x 5000lb, 37 lb, 3 x 500 lb, 1 x 250lb, 48 x 30lb and 600 x 4lb inc.) Large red flash seen on cloud immediately after bombing. Flak encountered in strato near ALBION on way out. Reactive action for fighter attack from above - diving turn. Flak well spread in strato.	

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By No. 467 (HAF) Squadron

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Sgt Payne J.H. M/O A/G
Sgt Brash J. Rear A/G

AMERS on way out. Evasive action for fighter attack from above - diving turn. Flak well spread in FRANCE.

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APPENDIX A

R.A.F.
FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 467 (R.A.F.) Squadron

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(1931) WL 445-26 6,000 Yds T.S. 700
(1934-1935) WL 445-26 6,000 Yds T.S. 700

FOR THE MONTH OF July 193

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
8/9 July	Lancaster III 22.196	P/Sgt Harrison G.O. Sgt Robertson J.O. Sgt Barry P.O. P/O K.L. Ingram Sgt Hesse L. Sgt Osborne L.A. Sgt Armstrong G.O.	Captain P/Engineer A/Bombardier Navigator W/Operator M/O A/G Rear A/G	2245	0421	Bombing - CLOUGH - sortie completed. 10/10ths cloud - tops approx. 15000ft with sun up to 25000 at outskirts. Bombed red with green stars from 2300 at 0126 (1 x 4000lb, 1 x 5000 57 lbs, 3 x 5000 405, 48 x 50lb and 600 x 4lb inc.) Explosions seen 0126 and 0126. Glow seen under cloud on leaving target. Good trip - routes both to and from target reasonably flak free. Reception at target not as violent as was expected.	
8/9 July	Lancaster III W.5003	P/O G.P. Goshin Sgt Thornhill W.H. Sgt Telford L. Sgt Cox J.H. Sgt Hinesfield P.H. Sgt Halse-Jones G. Sgt King A.H.	Captain P/Engineer A/Bombardier Navigator W/Operator M/O A/G Rear A/G	2332	0419	Bombing - CLOUGH - sortie completed. 10/10ths cloud - tops 10-12000ft. Bombed on green stars from 2250 at 0125 (1 x 4000lb, 1 x 5000 57 lbs, 3 x 5000 405, 48 x 50lb and 600 x 4lb inc.) Good trip - 100% hit. One very big explosion seen over target at 0126. Glow of stars seen below. Main effect seemed well concentrated but some scattered bombs around outskirts. Bombing good.	
8/9 July	Lancaster III 22.772	P/O H.P. Morgan Sgt Williams F.H. Sgt Parkinson G. Sgt Spencer P.H. Sgt Johnson J.J. Sgt Gidd W. Sgt Duncan W.G.	Captain P/Engineer A/Bombardier Navigator W/Operator M/O A/G Rear A/G	2245	0636	Bombing - CLOUGH - sortie completed. 10/10ths clouds, tops 15000ft. Bombed estimated position of spot where red flare faded out from 19500 at 0125 (1 x 4000lb, 1 x 5000 57 lbs, 3 x 5000 405, 48 x 50lb and 600 x 4lb inc.) Glow of stars under clouds. Large glow with three smaller ones within 2 miles of larger glow. Went out at 19-19500 as flare glow would not fade. Bombed at 19000 and returned at 20000 in 10% gear. Rear turret put out of action over target by flak - rear gunner slightly injured in back. Very intense barrage and predicted flak over target. Occasional flak and 3-4 1/2 on route out and back.	
8/9 July	Lancaster III 22.554	P/O H.H. Leach Sgt Holt W.G. Sgt Dawson P.P. Sgt Hensell H. Sgt Butler L. Sgt Brown A. Sgt Harris L.	Captain P/Engineer A/Bombardier Navigator W/Operator M/O A/G Rear A/G	2335	0628	Bombing - CLOUGH - sortie completed. 10/10ths cloud - tops 15000ft. Bombed on red flare from 19000 at 0126 (1 x 4000lb, 1 x 5000 57 lbs, 3 x 5000 405, 48 x 50lb and 600 x 4lb inc.) No results of bombing seen owing to cloud. Two big explosions before bombing. Clouds glowing with reflection of fires as we left. Attack seemed more concentrated than on previous raid - barrage and predicted. Night very good. Navigation excellent.	
8/9 July	Lancaster III 22 SA.676	P/L Ballance-Gibbs Sgt Hayer R.A. P/O J.L. Vincent W/O S.G. Morris Sgt Banks J. P/O S. Tate Sgt Chisholm D.A.	Captain P/Engineer A/Bombardier Navigator W/Operator M/O A/G Rear A/G	2335 2340	0440 0425	Bombing - CLOUGH - sortie completed. 10/10ths clouds over target otherwise vis. fairly good. Bombed on S.T.A. from 24000 at 0126 (1 x 4000lb, 1 x 5000 57 lbs, 3 x 5000 405, 48 x 50lb and 600 x 4lb inc.) 0126 large red explosion seen to last for 2 or 3 seconds during run up. Inconvenience of red difficult to assess owing to cloud over target. 100% accurate and 115 accurately placed. One small hole in mid-upper periscope. Bombing very good.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
8/9 July	Lancaster III SD.76.	W/Ogt Sullivan D.J. Sgt Neilish R.H. Sgt Gagne J.A. Sgt Wainwright J.A. Sgt Steele P.A. Sgt Cole J.H. Sgt Thomson G.F.	Captain W/Ogt Navigator W/Ogt W/Ogt W/Ogt	2229	0136	Bombing - COLONNE - sortie not completed. 1 x 40000, 1 x 50000 37 lbs, 3 x 50000 .025, 48 x 30lb and 600 x 4lb inc. Jettisoned 0025 5138. 0250. Instruments O.K. on take-off. at about 10000ft A.S.L. and altimeter began to lag as on previous operation when it occurred at 19000ft. De-died to carry on but when at about 20000ft (told by boost pressure) the A.S.L. R.O.T. and altimeter were completely w/o. When carrying out bombing search near DUTCH coast a/c stalled as w/o returned to base. A.S.L. began to work after a fashion at about 30000ft.	
9/10 July	Lancaster III SD.19.	W/Ogt Harrison G.C. Sgt Robertson J.G. Sgt Perry P.B. W/Ogt Kellaghan Sgt Ross D. Sgt Osborne E.H. Sgt Greenwood G.A.	Captain W/Ogt Navigator W/Ogt W/Ogt W/Ogt	2227	0122	Bombing - COLONNE - sortie completed. 10/10ths cloud below but layers present and above. Based on R.T.A. from 19000 at 0144 (1 x 40000, 1 x 50000 37 lbs, 3 x 50000 .025, 48 x 30lb and 600 x 4lb inc.) Good trip - route entirely clear. Cloud obscured results. No active measures not employed except for steep banking search at frequent intervals.	
9/10 July	Lancaster III SD.547	W/Ogt J.H. Whiting Sgt Wyle R.D. Sgt Morgan J.G. W/Ogt Wainwright Sgt Galt G. W/Ogt Robertson Sgt Pender F. Sgt Smith G.	Captain W/Ogt Navigator W/Ogt W/Ogt W/Ogt W/Ogt	2112	0126	Bombing - COLONNE - sortie completed. 10/10ths cloud up to approx. 21000ft. Vis. heavy. Based on R.T.A. from 22000 at 0141 (1 x 40000, 1 x 50000 37 lbs, 3 x 50000 .025, 48 x 30lb and 600 x 4lb inc.) Results: unobserved except slight glow. W/Ogt late. 5/10 no effect. Heavy barrage fire. Hit in a couple of places. Navigation consistent. No evasive action but banking search into dark part of sky.	
9/10 July	Lancaster III SD.545	W/Ogt Tilletson G.F. Sgt Dawson A.H. Sgt Brichman G. Sgt Graham G.H. Sgt Steele J.H. Sgt Hancock E.G. Sgt Henderson H.R.	Captain W/Ogt Navigator W/Ogt W/Ogt W/Ogt W/Ogt	2223	0135	Bombing - COLONNE - sortie completed. 10/10ths cloud, type 52000ft. with layers above. Based on R.T.A. from 22000 at 0142 (1 x 40000, 1 x 50000 37 lbs, 3 x 50000 .025, 48 x 30lb and 600 x 4lb inc.) Weather over the continent was bad making results impossible to observe. Flak over target was intense and consisted of both predicted and barrage fire. W/Ogt late with flares. On leaving target R.T. flares were seen to drop approx. one mile to starboard.	
9/10 July	Lancaster III SD.76.	W/Ogt G.D. Mitchell Sgt Wainwright W/Ogt Kellaghan W/Ogt G.D. George Sgt Fisher J.H. W/Ogt Perry L.D. Sgt Bolger H.R.	Captain W/Ogt Navigator W/Ogt W/Ogt W/Ogt W/Ogt	2135	0130	Bombing - COLONNE - sortie completed. 10/10ths cloud at approx. 19000ft. Vis. above cloud this good. Based on R.T.A. from 19000 at 0144 (1 x 40000, 1 x 50000 37 lbs, 3 x 50000 .025, 48 x 30lb and 600 x 4lb inc.) No action on route, heavy flak barrage hitting 19000ft up to 20000ft in target area, no 5/10 in target area. Route cut short except for ground search when accurate predicted heavy flak burst around us. See w/o at the moment so no accurate position known.	

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By No. 167 (RAAF) Squadron

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(Type) WL 2475-25 24,000 Stat T.S. 700
(Scale) 1:1117 WL 2431-2432 1024 1024 T.S. 700

FOR THE MONTH OF July 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
9/10 July	Lancaster III ED. 545	P/O R. Carden Sgt Saunders L. Sgt Burgess H.H. Sgt Murray A.H. P/O R. T. Milroy Sgt Nixon G.H. Sgt Hodges G.H.	Captain P/O Engineer A/Bomber Navigator W/Operator W/O A/G Rear W/O	2220	0421	Bombing - GERMANY - sortie completed. 10/10ths cloud, tops 20000ft. Bombed on red flare from 20000 at 0415 (1 x 4000lb, 1 x 5000lb 37 lb, 3 x 5000lb .025, 48 x 30lb and 600 x 4lb inc.) Results unobserved. Target quite hot, barrage flak x 4lb inc.) Flak hole through port tyre over target.IFF late otherwise trip uneventful. Route and navigation excellent.	
9/10 July	Lancaster III No. 906	P/O J.E. Carvington Sgt Lewis W.G. Sgt Macdonald H.F. Sgt King H.F. Sgt Green W. Sgt Bradley H. Sgt Ogden A.	Captain P/O Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2229	0433	Bombing - GERMANY - sortie completed. 10/10ths cloud. Tops up to 20000 ft. Bombed on red flare from 20000 at 0415 (1 x 4000lb, 1 x 5000lb 37 lb, 3 x 5000lb .025, 48 x 30lb and 600 x 4lb inc.) Impossible to judge results owing to cloud. IFF appeared to be concentrated. No explosion seen at 0416. Quite a satisfactory trip. A few flak holes in various parts of a/c.	
9/10 July	Lancaster III ED. 737	P/Sgt Wilson H.L. Sgt Gaskins G.H. P/Sgt White H. Sgt Crumlin W.F. Sgt Booth H. Sgt Oliver G.V. Sgt Barry P.G.	Captain P/O Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2228	0435	Bombing - GERMANY - sortie completed. 10/10ths cloud, tops 17-18000ft. Bombed on trails of sky markers from 21500 at 0418 (1 x 4000lb, 1 x 5000lb 37 lb, 3 x 5000lb .025, 48 x 30lb and 600 x 4lb inc.) Results unobserved owing to cloud, but some reflection of illumination seen. Strong A.A. defences. Good show by navigator as no fires were obtained 2315 until 0437. Route from target was trouble free.	
9/10 July	Lancaster III ED. 545	P/L W.G. Kenfield Sgt Jarvis F.E. Sgt Brown A.G.F. P/O T.A. Hoppett Sgt Norman H.G. Sgt Rees H.G. P/O G.D. Currie Sgt Riddell G.D.	Captain P/O Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G IFF Pilot	2225	0431	Bombing - GERMANY - sortie completed. 10/10ths cloud, tops 13000ft. Bombed on E.T.A. and position of red with green stars which had just faded out, from 20500 at 0419 (1 x 4000lb, 1 x 5000lb 37 lb, 3 x 5000lb .025, 48 x 30lb and 600 x 4lb inc.) No results observed owing to cloud. Route practically flak-free except for some activity on the French coast coming out. Flak over target seemed well below usual MEER standard. Very quiet trip.	
9/10 July	Lancaster III ED. 531	P/O H.S.L. Crouch Sgt Luckett B.H. P/Sgt Kennedy J.A.G. P/Sgt Camp A. Sgt Spurling A.P. Sgt Lucy C.W. Sgt Bridgman M.J.	Captain P/O Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2215	0457	Bombing - GERMANY - sortie completed. 10/10ths cloud with gaps. Tops approx. 15000ft. Vis. above good. Bombed on white steady from 20200 at 0430 (1 x 4000lb, 1 x 5000lb 37 lb, 3 x 5000lb .025, 48 x 30lb and 600 x 4lb inc.) Raid appeared quite successful. IFF on time, and flares appeared in correct positions. Built up area seen burning through gap in cloud. Fires seemed to have good hold. Smoke rising to good heights.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
9/10 July	Lancaster III ED. 546	W/O A.P. Bedford Sgt Millard H.G. W/O W. J. Tottur Sgt Dobson S.J. Sgt Higgins W.J. Sgt Beest H.D. Sgt Beesthorpe A.D.	Captain P/Engineer Navigator Bombardier W/Operator W/O A/G Rear A/G	2247	0430	Bombing - GELSENKIRCHEN - sortie completed. 10/10th cloud with a few gaps, tops approx. 15000ft. Bombed on red with green stars from 15600 at 0432 (1 x 4000lb, 1 x 5000lb 37 lbs, 3 x 500lb .025, 48 x 50lb and 600 x 4lb inc.) Large fire appeared by main and plane between clouds. Large fire on route. Very much flares seen in clouds. Jettisoned trunk of starboard No. 1 tank. Flap blown off, trunk arched and snapped off. Not believed due to emergency. Landed at West Malling.	
1/10 July	Lancaster III ED. 534	P/O H.B. Locke Sgt Holt W.C. Sgt Townsend P.F. Sgt Marshall H. Sgt Butler L. Sgt Brown A. Sgt Hume W. Sgt Gadsby A.	Captain P/Engineer W/Bombardier W/Operator W/O A/G Rear A/G 2nd Navigator	2243	0510	Bombing - GELSENKIRCHEN - sortie completed. 10/10th cloud, 16/20000 tops. Bombed on white starry frontage at 0432 (1 x 4000lb, 1 x 5000lb 37 lbs, 48 x 50lb and 600 x 4lb inc.) Glow of large explosion seen at 0435 followed by further explosion at 0441. Much smoke seen through clouds and when last seen reached over 20000ft. Flares very consistent. 5000 lb bomb dropped but not concentrated effort. Flak moderate - not predicted. No flak-free.	
1/10 July	Lancaster III ED. 531	Sgt Martin H.C. Sgt Hiblett G. Sgt Francis J.L. Sgt Hendry R.L. Sgt McHugh J. Sgt Gleeson G.H. Sgt Thompson H.	Captain P/Engineer W/Bombardier W/Operator W/O A/G Rear A/G	2243	0925	Bombing - GELSENKIRCHEN - sortie completed. 10/10th cloud, tops approx. 15000ft, vis. heavy. Bombed red with green stars from 22500 at 0444 (1 x 4000lb, 1 x 5000lb 37 lbs, 3 x 500lb .025, 48 x 50lb and 600 x 4lb inc.) Bombs in main and fill in target area. Intense heavy barrage flak and considerable well-predicted flak. Huge gauge glow in cloud over target area. Target appeared to be well bombed and fires seem to have good height. Particularly large explosions at 0450 and 0451. Bomb almost hit by small piece of flak but not hurt. Damage to both doors and periscope by flak. Route out successful after leaving enemy coast when starboard outer engine cut and no flow from on three engines.	
12/15 July	Lancaster III ED. 537 JA 675	P/Sgt Wilson J.L. Sgt Genthorne G.H. P/O A.P. Bedford Sgt Griffith S.J. Sgt Booth B. Sgt Oliver S.L. Sgt Barry P.D. Sgt Gilson R.	Captain P/Engineer W/Bombardier Navigator W/Operator W/O A/G Rear A/G 2nd Navigator	2229	0816	Bombing - TURN - sortie completed. No cloud, vis. very good. Bombed red FI from 18200 at 0452 (4 x 4000lb 37 lbs, 48 x 50lb and 450 x 4lb inc.) Weather clear over target but very bad on way out. Effort appeared concentrated and accurate in effective over target. Built-up area seen and markers seemed to be going on right spot. Smoke and glare of fires seen when returning over ALB.	
2/13 July	Lancaster III ED. 539	P/O H.B. Locke Sgt Holt W.C. Sgt Townsend P.F. Sgt Marshall H. Sgt Butler L. Sgt Brown A. Sgt Hume W. Sgt Gadsby A.	Captain P/Engineer W/Bombardier Navigator W/Operator W/O A/G Rear A/G 2nd Navigator	2237	0832	Bombing - TURN - sortie completed. Broken cloud, clear over target. Bombed on red FI from 17500 at 0452 (4 x 4000lb, 40 x 50lb and 450 x 4lb inc.) Concentrated raid, FI's dropping in main concentrations of fires. Several large fires seen, more starting. Explosions of Hs among buildings could be seen. Flak very weak. S/L did not seem very enthusiastic. Route fairly clear of defences.	

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By No. 567 (RAF) Squadron

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Sgt Hurre E.
Sgt Gadsby A.

Sear A/G
2nd Navigator

fairly clear of defences.

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By No. 457 (RCAF) Bombers

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(NOTE) WL 4855-45 4000 ft. TA 700
(NOTE) WL 4855-45 4000 ft. TA 700

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
12/13 July	Lancaster III ED.949	P/Sgt Elliott M.E. Sgt Winston A.L. Sgt Erickson G. Sgt Graham C.H.H. Sgt Steele G.T. Sgt Hancock K.G.H. Sgt Rankin W.T.	Captain P/Engineer A/Bomber Navigator Operator P/U A/G Rear A/G	2245	0725	Bombing - TIRAN - sortie completed. Vis. fair, cloud patchy. Bombed centre of two green Tis from 17500 at 0159 (1 x 4000lb, 40 x 30lb and 450 x 4lb inc.) After just crossing TIRAN coast were hit by accurate predicted flak causing 18 holes outside aft engine and bomb door. From there weather very bad and had to fly in cloud to ALG where there were electric storms. Results of bombing good, and good concentration of fires. After leaving target ran into cloud in which were heavy electrical disturbances apparently affecting compasses. Came out of cloud somewhere near JIB.	
12/13 July	Lancaster III ED.996	P/O J.H. Robertson Sgt Lewis W.J. Sgt Harding H.V. Sgt King H.R.W. Sgt Green W. Sgt Bradley B. Sgt Davis J.	Captain P/Engineer A/Bomber Navigator Operator P/U A/G Rear A/G	2347	0824	Bombing - TIRAN - sortie completed. Vis. good, little or no cloud over target. Bombed on red TI from 16400 at 0200 (1 x 4000lb, 40 x 30lb and 450 x 4lb inc.) At least 40 good hits were seen. Several good fires. Appeared to be a very concentrated raid. No evidence of anything dropped outside target area. A/G very concentrated. Results excellent.	
12/13 July	Lancaster III ED.947	P/O J.H. Gilling Sgt Apple R.W. Sgt Simpson J.C. P/O W.C. Goss Sgt Self G. P/Sgt Blair H.C. Sgt Roder E.	Captain P/Engineer A/Bomber Navigator Operator P/U A/G Rear A/G	2256	0856	Bombing - TIRAN - sortie completed. Clear. Bombed on red TI from 16500 at 0201 (1 x 4000lb, 40 x 30lb and 450 x 4lb inc.) Very concentrated raid - appeared to be in N.W. part of TIRAN. Vis. over target excellent. EFF good. Good range. Weather en route very bad.	
12/13 July	Lancaster III ED.621	P/Sgt Barker E. Sgt Barnes G.K. Sgt Potter G.W. P/O H.H. Gurtutt Sgt Baker G.W. Sgt Siskway J.H. Sgt Fulton P.	Captain P/Engineer A/Bomber Navigator Operator P/U A/G Rear A/G	2244	0628	Bombing - TIRAN - sortie completed. Fine, clear, no cloud. Bombed on red TI from 17900 at 0201 (1 x 4000lb, 40 x 30 lb and 450 x 4lb inc.) About 6 large fires concentrated around Tis and markers. Large clouds of smoke belched from an explosion seen after leaving target. About 50 3/4s operated ineffectively. A relatively uneventful trip.	
12/13 July	Lancaster III ED.803	Sgt Claxton D.F. Sgt Wilson J.R. Sgt Evans D. Sgt Dickinson A.H. Sgt Pitt G.E. Sgt Williams T.W. Sgt Clark R.H. P/O D. Symonds	Captain P/Engineer A/Bomber Navigator Operator P/U A/G Rear A/G 2nd Pilot	2235	0639	Bombing - TIRAN - sortie completed. Vis. good. Bombed concentrations of green Tis from 16000 at 0202 (1 x 4000lb, 40 x 30lb and 450 x 4lb inc.) Effort seemed very concentrated. EFF markers on top of one another and fires spreading from large central fire. Defences poor. Uneventful trip.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
12/13 July	Lancaster III W.5003	P/O G.F. GORDON Sgt Thornhill W.H. Sgt Telford H. Sgt Cox J.B. Sgt Moorfield F.H. Sgt Blake-Holmes G. Sgt King A.A.	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2243	0052	bombing - TURN - sortie completed. Some patchy cloud - clear over target. Bombed on red XI from 19000 at 0302 (1 x 4000lb, 40 x 30 lb and 450 x 4lb inc.). Fires fairly concentrated to N of A/G - plenty of smoke. Good trip although 177 a little late. Monitoring very good. Pink light over target.	
12/13 July	Lancaster III W.196	P/Sgt Harrison G.C. Sgt Robertson J.A. Sgt Barry F.C. P/O R. Hughes Sgt Ross L. Sgt Roberts F.H. Sgt Armstrong G.A.	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2234	0026	bombing - TURN - sortie completed. Bombed from 17600 at 0303 (1 x 4000lb, 40 x 30lb and 450 x 4lb inc.) on red XI which was seen to cascade at 0304. Effort seemed really good - concentrated fires and fall of smoke. A quiet trip - no opposition encountered on route and very little in target area. Navigation very good thanks to 177.	
12/13 July	Lancaster I W.1046	P/L A.S. Highfield Sgt Smith V. Sgt Gray E. P/O R.G. Carter P/Sgt Stoddan D. Sgt Brand A.G. Sgt Garrett	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2228	0045	bombing - TURN - sortie completed. Bombed centre of green VII from 16000 at 0306 (1 x 4000lb, 32 x 30lb and 270 x 4lb inc.). Several good fires and minor explosions seen, mainly in N part of town. Route in and out good. Cloud cover on route the whole way with icing and electrical storms. Seemed a successful raid and cannot imagine any losses due to enemy actions.	
12/13 July	Lancaster III W.545	P/O R. Carmichael Sgt Gamble L. Sgt Burgess M.E. Sgt Murray A.H. P/O R.F.J. Milroy Sgt Raven G.H. Sgt Hodges G.H.	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2341	1101	bombing - TURN - sortie completed. Perfectly clear - good visibility. Bombed on red XI at 19000 at 0306 (1 x 4000lb, 40 x 30lb and 450 x 4lb inc.). Numerous flash when running in. Last smoke burst followed by a good fire which quickly spread. Considered a successful raid. Only worry was fear of petrol shortage. Landed at Wickham to refuel. Navigation was really excellently carried out.	
12/13 July	Lancaster III W.546	P/O J. Good Sgt Heslop A.A. P/Sgt Alfred B.H. P/O H.J. Barker Sgt Holmes J.H. Sgt Webster H.O. Sgt Barry F.H.	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2232	0941	bombing - TURN - sortie completed. Clear over target with some haze. Bombed green XI in centre of attack from 16300 at 0306 (1 x 4000lb, 40 x 30lb and 450 x 4lb inc.). Attack concentrated in main - numerous fires. 30th motor packed up and we jettisoned most of incendiary load. Managed to get sufficient height to dodge around clouds over ALG. Were late and target was well sight when we arrived. On return journey noticed a Lancaster firing Vary signal; he was low on the water and appeared to be in difficulty. We called him up on 177 and he requested that we should stay with him until he reached REZARD as he was short of petrol and might have to ditch, but he managed to make a safe landing on the first 'drome.	

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(7011) W/L 8215-45 82,000 244 E.N. 700
(7004-0211) W/L 8217-0241 1078 1114 F.N. 720

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				Up	Down		
12/13 July	Lancaster III ED.532	F/Sgt Wallace C.M. Sgt Calderhead W.G. F/Sgt Kennedy J. Sgt Birch R.W.G. Sgt Jeffrey E.R. Sgt Ritchie J.W. Sgt Usher G.J.	Captain F/Engineer A/Bomber Navigator W/Operator N/U A/G Rear A/G	2239	0909	Bombing - TURIN - sortie completed. Vis. good. Bombed on green TI from 19000 at 0210 (4 x 1000lb GP fused .025, 40 x 50lb and 450 x 4lb inc.) Good red fires seen burning. Large pall of black smoke seen rising from S.W. of target at a height of 4000' approx. Effort very concentrated until cloud was encountered over FRANCE, then no more a/c were seen until crossing ENGLISH coast on return. Weather very bad, cloud flying most of time. Weather clear over target, bombing very concentrated. Flak and A/Ls over target moderate and ineffective. No night fighters seen.	
12/13 July	Lancaster III ED.772	S/L R.K. Sinclair Sgt Traynor P. F/O F.W. Hoppett F/Sgt L. H. H. H. F/Sgt Loveday G.A. F/Sgt Hall S.G. F/Sgt Hall S.T.	Captain F/Engineer A/Bomber Navigator W/Operator N/U A/G Rear A/G	2250	0904	Bombing - TURIN - sortie completed. Vis. good - broken cloud. Bombed centre of concentration of fires from 16000 at 0220 (4 x 4000lb, 40 x 50lb and 450 x 4lb inc.) Large area seen burning fiercely in centre of target area. Large column of black smoke noticed rising up to approx. 70000'. Should prove a very successful raid. Were late on target and it had by then been covered by a vast bed of fires. Defences not effective. Ample cloud cover along route out and in, but severe icing in cloud particularly over Alps.	
12/13 July	Lancaster III ED.764	F/O K.A. McIlver Sgt McLeod A.B. Sgt McLeod M.E. Sgt Gals J.K. Sgt McLean C. Sgt Shaw R. Sgt Shaw F.W. Sgt Nicholl	Captain F/Engineer A/Bomber Navigator W/Operator N/U A/G Rear A/G Pilot	2246	0557	Bombing - TURIN - sortie not completed. Did not gain high altitude. C.S.U. on port outer flambored from 1500 to 1600. After trying to get C.S.U. to work without success, it was feathered. Lost altitude and jettisoned incendiaries to hold height. This failed and further four cans jettisoned. Made repeated attempts to make port outer work but failed. Could not climb over Alps and all bomb load was jettisoned. Soon after jettisoning action C.S.U. operated normally but went w/a again, repeated performance several times and finally gave a good run home. AMIES struck front and continued bad weather for remainder of trip.	
12/13 July	Lancaster III LM.511	F/Sgt Chapman S.A. Sgt Greenwood J. Sgt Smith H.C. Sgt Michaels A.E. Sgt Donlevy P. F/Sgt Bruce W. Sgt Buchanan W.S.	Captain F/Engineer A/Bomber Navigator W/Operator N/U A/G Rear A/G	2248		Bombing - TURIN. Aircraft crashed whilst coming in to land. All crew killed.	
12/13 July	Lancaster III ED.531	F/O G.D. Mitchell Sgt Evans B.K.H. F/O H.R. Morgan F/O H.R. St. George Sgt Maher J.H. Sgt Bolger H.B. F/Sgt Terry A.D.	Captain F/Engineer A/Bomber Navigator W/Operator N/U A/G Rear A/G	2249		Bombing - TURIN - aircraft missing.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
12/13 July	Lancaster III ED-724 JA 676	P/L R.W.A. Gibbs Sgt Roper E.A. W/O J.R. Pearce P/O S.G. Morris Sgt Banks J. P/O S. Tate Sgt Chisholm D.A.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2242		Bombing - TURIN - aircraft missing.	
16/17 July	Lancaster III ED-724 JA 676	Sgt Claxton D.B. Sgt Wilson J.S. Sgt Hardon J.L. Sgt Dickinson A.R. Sgt Pitt G.H. Sgt Williams T.B. Sgt Clark R.M.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2238 2238	0800	Bombing - GISELAGO - sortie completed. No cloud, moonlight, misty. Bombed from 045 at 0349 (13 x 500GP, 180 x Alb inc.) 111 bombs seen to burst on target, also numerous bombs seen bursting on and around target. Appeared to be a first alarm show. No defences. Good but hazy weather. 90% of bombs appeared to fall on target. Landed at HUDA.	
16/17 July	Lancaster III ED-539	P/L W.G. Mansfield Sgt Jarvis P.P. Sgt Brown A.C.P. P/O T.W. Maypott Sgt Hornsman H.O. Sgt Roade M.H.F. P/O G.D. Currie	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2235	0819	Bombing - GISELAGO - sortie completed. Hazy. Target marked with incendiaries which fell on transformer from 500ft. 111's dropped on transformers from 1800 at 0359 (13 x 500GP, 16 x 30lb inc.) Bombing appeared well on target and fire left burning in transformer stations. Quite successful raid. Large number of fighter interceptions seen (note time taken to identify target, during which R/T was used almost continuously. Very good effort on part of Bomb Aimer.	
16/17 July	Lancaster III ED-724 ED 772	P/O J.W. Harrington Sgt Barnes G. Sgt Hawkins R.V. Sgt King M.R.W. Sgt Green W. Sgt Bradley H. Sgt Drake S.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2235 2235	0855	Bombing - GISELAGO - sortie completed. No cloud, some haze. Bombed target from 1800 at 0400 (13 x 500GP, 180 x Alb inc.) Stick of incendiaries dropped by P/L HARRINGTON right on centre of target. Four sticks of bombs seen to fall bang on target which was literally plastered. Stick outer motor gave trouble on leaving HUDA coast but managed to keep going till ALPG were cleared and motor was then stopped. On reaching target spent 1 hr 40 mins over it before bombing. Raid was highly successful. Fighter gave trouble while circling target but no attacks made on our a/c. Navigation excellent. Continued successfully on 3 motors to HUDA.	
16/17 July	Lancaster III ED-194	P/L R. Carmichael Sgt Samuels L. Sgt Burgess M.L. Sgt Murray A.H. P/O R.F.J. Milne Sgt Hiron G.H. Sgt Hodges G.H.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2236	0916	Bombing - GISELAGO - sortie completed. Clear, no cloud. Bombed target from 2600 at 0400 (13 x 500GP, 180 x Alb inc.) Own bombs straddled Transformer House and two bombs seen to explode thereon. Trip would have been uneventful but for delay in finding target. Good trip over but whilst waiting for rest to bomb was attacked by JUB8. It made five attacks and was eventually ended by flying at tree level down moon. Navigator killed in fifth attack. A/c badly shot up but managed to make HUDA in straight line. Crew behaved well under fire.	

16/17 July Lancaster III
ED-538

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By No. 467(RAF) Squadron.

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By No. 467(RAF) Squadron.

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FOR THE MONTH OF July 65

(*5511) WL 5252-25 64000 544 T.A. 700
(*5511-5511) WL 5252-2515 1000 1144 T.A. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
24/25 July	Lancaster III ED. 784	P/O D.J. Sullivan Sgt Melhuish R.H. Sgt Coyne J.A.J. Sgt Wainwright J.A. Sgt Brade F.A. Sgt Cole J.H. Sgt Thomson G.P. Sgt Hall A.E.	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G 2nd Pilot	2253	0344	Bombing - HAMBURG - sortie completed. Bombed on red TI from 19500 at 0106 (1 x 4000lb, 4 x 500lb, 96 x 30lb and 600 x 4lb inc.) No cloud, ground detail easily seen. Few bursts observed but no results. PFF appeared to be most concentrated and raid should be very good. Impossible to judge results as we were in first phase. Navigation absolutely perfect.	
24/25 July	Lancaster III ED. 547	P/O C.L. Goss Sgt Lee J.R. P/O T.J. Phillips P/O K.G. Gibson P/O A.H. Pearson P/O H.N. Pritchard P/Sgt Lickner L.L. Sgt Park R.W.	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G 2nd Pilot	2250	0358	Bombing - HAMBURG - sortie completed. Little low cloud over river with haze. Bombed on red TI from 19100 at 0106 (1 x 4000lb, 4 x 500lb 57 lbs, 48 x 30lb and 600 x 4lb inc.) PFF good although red TIs were a bit scattered, but being a "Newhaven" it was expected. Appeared to be beginning of a good raid. Scattered bursts around the town. Defences weaker than anticipated.	
24/25 July	Lancaster III ED. 606	P/O P.W. Dixon P/sgt Vincent F.R. Sgt Ricknell J.A. Sgt Lewis P. Sgt Hughes R. Sgt Garnett R.	Captain P/Engineer A/Bomber W/Operator W/U A/G Rear A/G	2251	0346	Bombing - HAMBURG - sortie completed. No cloud, some haze. Bombed red TI from 20400 at 0107 (1 x 4000lb, 4 x 500lb 57 lbs, 48 x 30lb and 600 x 4lb inc.) Explosion with large ye low flare which persisted for some time. Attack a little slow in starting. A bit scattered at first but becoming concentrated as it progressed. Defences not very heavy, 3/Ls very weak. Route presented no difficulty. Returned with bomb doors open due to hydraulic failure, and rear turret vent u/s on nearing base on return.	
24/25 July	Lancaster III W. 5003	P/O G.W. Corbin Sgt Thornhill W.H. Sgt Telford H. Sgt Cox J.E. Sgt Bloomfield P.H. Sgt Blake-Jones G. Sgt King A.A.	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G	2229	0356	Bombing - HAMBURG - sortie completed. slight mist over target. Bombed red TI (insights) seen on ground from 19500 at 0106 (1 x 4000lb, 1200 x 4lb, 48 x 30lb, 1L) Good trip - attack appeared to start well. Flak = moderate, 3/Ls ineffective. Explosion 0107. Fires seemed to cover large area as seen on way out. Bombing good. PFF slightly late but markers on coast in and out good.	
	Lancaster III ED. 546	S/L E.K. Sinclair Sgt Traylor P. P/Sgt Lovejoy G.H. Sgt Crumplin W.F. P/Sgt Hall S.G. P/O W.W. Ellis P/Sgt Hall S.F. Sgt Nicoll G.D.	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G 2nd Pilot	2232	0359	Bombing - HAMBURG - sortie completed. No cloud, some haze. Bombed centre of target green TIs from 18000 at 0109 (1 x 4000lb, 4 x 500lb 57 lbs, 48 x 30lb and 600 x 4lb inc.) Large explosion seen at 0108. Attack appeared slightly scattered during opening phase, but developed into quite a good concentration over target area very quickly. Defences moderate, with bursts of flak (or rockets) exploding like daisies as the principal feature. 3/Ls numerous, but all very ineffective.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
24/25 July	Lancaster III ID. 696 949	P/O J.H. Whiting Sgt Pyke H.D. Sgt Simpson J.O. P/O W.B. Glines Sgt Self G. P/Sgt Blair G.C. Sgt Fowler P. P/O G.J. Martin	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G 2nd Pilot	2258	0348	Bombing - HAMBURG - sortie completed. No cloud, slight haze. Bombed on centre of green T1 from 17500 at 0111 (1 x 4000lb, 4 x 500lb, 56 x 30lb and 600 x 4lb inc.) Results of own bombs not seen. Huge explosion seen 0107. was An easy trip. Defences not up to HEEB standard. Lots of 3/1s but nothing to worry about. Should be successful effort. Good navigation.	
24/25 July	Lancaster III ID. 545	P/Sgt Wallace C.A. Sgt Calderhead W.G. P/Sgt Kennedy J. Sgt Birch S.W. G. Sgt Jeffrey A.W. Sgt Ritchie J.W. Sgt Usher C.C.J.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2259	0350	Bombing - HAMBURG - sortie completed. Ground haze. Bombed green T1 seen to cascade 0109 (1 x 4000lb, 48 x 30lb and 1200 x 4lb IB.) Two explosions approx 0110 and one 0106. Fires seemed well spread over town on both side of river. Weather very good, no trouble from flak on route out. Two night fighters seen at different times travelling in opposite directions. Bombing appeared rather scattered but should have developed well later on in the attack. 3/1s numerous but ineffective - some huge cones observed, also two very large fires. Yellow markers on coast in and out very helpful.	
24/25 July	Lancaster III JA 902	P/O FORBES W.A. Sgt Miller P.G. Sgt Grice W.J. G. Sgt Robertson J. Sgt Minick F. Sgt Garth J.H. P/Sgt Schmitt D.P.H.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2236	0345	Bombing - HAMBURG - sortie completed. Vis. good, slight haze. Bombed red T1 surrounded by green T1s from 17400 at 0112 (1 x 4000lb, 1200 x 4lb, 48 x 30lb IB.) Heavy bursts seen also one very large explosion. Raid should be very successful. Ground defences certainly not up to usual standards but flak effective. "Rocket" flak used very freely but apart from being impressive was not worrying. 3/1s present in large numbers but not troublesome also present inside target area itself.IFF gave us their best on this effort with bags of T1.	
24/25 July	Lancaster III ID. 803	P/L J.M. Sullivan Sgt Newland J.R. P/O T.H. Intraut W/O W.B. Orange Sgt Harvey K. Sgt Spurr L. Sgt Fower A.F. P/O D. Synovis	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G 2nd Pilot	2254	0354	Bombing - HAMBURG - sortie completed. Vis. good, thin layer of cloud. Bombed centre of concentration of green T1s from 18000 at 0113 (1 x 4000lb, 4 x 500lb, 600 x 4lb, 96 x 30lb IB.) Burst seen, also one terrific fire burning which partially lit up target area. 3/1s concentrated on and around target area and at defended areas on way in. Flak appeared to be "rocket" type - did not seem very effective. Navigation very good.	
24/25 July	Lancaster III ID. 888 998	P/Sgt Fisher A. Sgt Wynter P.R. P/Sgt McCalloway H. Sgt Rooney M.H. Sgt Donaldson F.H. Sgt Hayes J.H. Sgt B. Smith P.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2312	0427	Bombing - HAMBURG - sortie completed. Haze. Bombed centre of green concentration from 18000 at 0155 (1 x 4000lb, 4 x 500lb, 600 x 4lb, 48 x 30lb IB.) Large number of good fires spread over city. Explosion 0131. Large column of smoke over target. Route as briefed. Large fire from docks with smoke to 17000ft. Target heavily defended. Avoiding action in target area for 3/1s and flak. A/c momentarily caught by 3/1, when "rocket" flak bursting very near. Avoiding action consisted only of steep turn with very little change of height.	

OPERATIONS RECORD BOOK

DETAIL OF WORK CARRIED OUT

By **1467 (R.A.F.) Squadron**FOR THE MONTH OF **July** 19**43**

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By No. 467 (RUF) Squadron

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(1931) WL 9225-25 8000 5/16 T.S. 700
(1934-35) WL 9231-31 1025 12/16 T.S. 700

FOR THE MONTH OF July 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
24/25 July	Lancaster III ED,155	P/Sgt Baker G.F. Sgt Brockles H.G. Sgt Martin G.H. Sgt Munton G.H. Sgt Morrison H.P. Sgt Russell P.D. Sgt Smith H.	Captain P/Engineer A/Bomber Navigator W/Operator P/U A/G Rear A/G	2305	0421	Weather - Hazy - sortie completed. Vis. good. Bombed centre of 4 green TIS from 17000 at 0420 (1 x 4000lb, 1250 x 4lb, 48 x 50lb inc.) Mass fire seen burning and thick black smoke coming up at approx 17000ft. Route flak free, target burning well and main weight of attack well concentrated with slight trailing back towards base. One 12109 turned into attack at 15000ft but was lost quickly in a steep diving turn to star before gunners sighted to fire. Flak over target slight at end of attack.	
24/25 July	Lancaster III ED,500	P/Sgt Macdonald H.L. Sgt Martin A.L. Sgt Griffin H. Sgt Booth H. Sgt Day J. Sgt Bethell B.H. Sgt Gordon F.L.	Captain P/Engineer A/Bomber Navigator W/Operator P/U A/G Rear A/G	2300	0409	Weather - Hazy - sortie completed. Hazy. Bombed centre of concentration of green TIS from 25000 at 0435 (1 x 4000lb, 4 x 500lb inc., 600 x 4lb, 48 x 50lb inc.) Flak seemed to be spread from N to S. Column of smoke rising to 17000ft. some 6 mins. after leaving target. Trip fairly quiet. Flak of flak seen whilst crossing coast but not much over targets. Plenty of A/Ls around target but seemed to be waving wildly round sky. Numerous flares round target area.	
24/25 July	Lancaster III ED,621	P/Sgt Hunter H. Sgt Jones J.L. Sgt Potter G.L. P/O B. Macdonald Sgt Baker G.J. Sgt Robinson G.H. Sgt Pullen F.	Captain P/Engineer A/Bomber Navigator W/Operator P/U A/G Rear A/G	2309	0514	Weather - Hazy - sortie completed. Smoke obscuring target. Bombed centre of concentration of green TIS from 18600 at 0439 (1 x 4000lb, 4 x 500lb 37 lbs, 48 x 50 lb and 600 x 4lb inc.) Flare appeared concentrated and spread over quite a large area. Explosion to W of fire 0453. Route very good. Area well defended, A/Ls although dense, not very active. Flak over target heavy on approach, but lightened when doing run.	
24/25 July	Lancaster III ED,991	P/Sgt Jones H. Sgt Hall H.L. P/Sgt Boyd A.R.P. Sgt Robinson G.H. Sgt Scott J.L. P/Sgt Wilkinson J.L. P/Sgt Reid D.A.	Captain P/Engineer Navigator A/Bomber W/Operator P/U A/G Rear A/G	2310	0630	Weather - Hazy - sortie completed. Clear, no cloud, good vis. Bombed centre of green concentration from 21000 at 0441 (1 x 4000lb, 4 x 500lb 37 lbs, 600 x 4lb, 48 x 50lb inc.) Bombs concentrated - whole area seemed well alight. Smoke coming up to nearly 18000ft. Trip went very smoothly. By the time we reached target it was well alight and had good healthy glow. Defences appeared to be another and A/Ls not at all effective. One fighter seen but rear gunner noted promptly and it was evaded quite easily.	
24/25 July	Lancaster III ED,946	P/O Macdonald Sgt Lockett H. P/Sgt Kennedy J.L.O. P/Sgt Oates H. Sgt Spurling A.P. Sgt Day G.L. Sgt Neilson G.F.	Captain P/Engineer A/Bomber Navigator W/Operator P/U A/G Rear C/G	2307	0517	Weather - Hazy - sortie completed. No cloud, much smoke. Bombed green TIS from 12000 at 0446 (1 x 4000lb, 4 x 500lb 37 lbs, 600 x 4lb and 48 x 50lb inc.) Mass of fire - huge column of smoke up to 19000ft. Appeared to be a very good raid. Flare very concentrated. Defences nothing to worry about. A/Ls useless.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
24/25 July	Lancaster III ID.539	W/O W.G. Harfield Sgt Jarvis P.F. Sgt Brown A.G.F. W/O T.W. Juppott Sgt Harrison H.G. Sgt Royle R.W.F. W/O G.B. Harris	Captain W/Engineer A/Navigator Navigator W/Operator W/O A/C Rear A/C	2055	0522	Bombing - LANCASHIRE - sortie completed. Took off from H.A.M.A. Small patches of low cloud - mist over sea. Bombard docks from 16000 at 0042 (10 x 5000lb, 16 x 20lb inc.) Missions of bomb bursts not definite. Two explosions seen. Very quiet trip. Target clearly visible by light of parachute flames and gun flashes. Bombs seemed to be all well in target area. Landed at DORTMUND.	
24/25 July	Lancaster III ID.737	Sgt Claxton D.B. Sgt Wilson J.B. Sgt Harrison J.H. Sgt Dickinson A.H. Sgt Pitt G.C. Sgt Williams T.R. Sgt Clark R.H.	Captain W/Engineer A/Navigator Navigator W/Operator W/O A/C Rear A/C	2055	0525	Bombing - LANCASHIRE - sortie completed. Took off from H.A.M.A. 5/10ths Cl. On top about 2/10000ft. Bombard south end of docks from 15000 at 0054 (10 x 5000lb, 16 x 20lb inc.) Bombs appeared to be landing at North end of dock area. Target partially obscured by cloud and/or smoke screens. Defenses slight. Owing to early bombing results not seen. Landed at DORTMUND.	
24/25 July	Lancaster III ID.772	W/O J.H. Carrington Sgt Brown G.L. Sgt Watkins E.V. Sgt King M.H.V. Sgt Green H. Sgt Bradley R. Sgt Reade H.	Captain W/Engineer A/Navigator Navigator W/Operator W/O A/C Rear A/C	2055	0628	Bombing - LANCASHIRE - sortie completed. Took off from H.A.M.A. No cloud, but haze. Bombard docks from 16000 at 0055 (10 x 5000lb, 16 x 20lb inc.) Results not observed. Uninterrupted trip. Not a shot fired at us over the whole journey. Bombs to have early on the targets. Impossible to judge results. Landed at DORTMUND.	
25/26 July	Lancaster I W.945	W/O A.G. Harfield Sgt Smith. Sgt Gray P. W/O R.G. Carter W/O G. Harrison Sgt Brown A.G. Sgt Corbett P.B.	Captain W/Engineer A/Navigator Navigator W/Operator W/O A/C Rear A/C	2136	0246	Bombing - LANCASHIRE - sortie completed. 1/10th thin cloud-base about 10000ft. Hazy. Bombard between two red lls from 15000 at 0033 (1 x 5000lb HD, 5 x 5000lb MD, 1 x 500 lb 57 lb, 600 x 4lb and 56 x 20lb inc.) Large explosion at 0035. Numerous fires taking hold in concentrated area. Bombs in and out very good. Concentration of fires very good but to N of red ll. 1/10th ineffective for they seemed unable to penetrate. Flare straight and level all the way in and out. Moderate heavy flak, barrage type, also ineffective. Windows appeared to be very effective.	

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For the Month of July 1945

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By No. 467 (RMF) Squadron

FOR THE MONTH OF July 1943

(*) 0011) WL 0010-50 50,000 5/43 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
25/26 July	Lancaster III 20,704	W/O D.J. Sullivan Sgt. Melvin H. Hile Sgt. Wayne J. Davis Sgt. William Wright Davis Sgt. Harold Davis Sgt. Gale J. Jile Sgt. Thomas Davis Sgt. K. H.	Captain P/Engineer A/Engineer Navigator W/Operator W/U A/G Rear A/G 2nd Pilot	2130	0216	Bombing - 2000 - sortie completed. Thin layer haze over target. Bombed on rd 21 from 20000 at 0032 (1 x 4000lb H.E., 3 x 500lb H.E., 1 x 500 37 lbs., 600 x 4lb and 96 x 30lb inc.). Only one marker seen on ground but bombing seemed concentrated round this. A few fires burning but attack was late starting and not going for long at time of attack. Bombing excellent. Navigation first-rate. Bombs appeared to be a good mix. A/G seemed to be starting well to concentrate.	
25/26 July	Lancaster III 20,621	W/O Arthur H. Sgt. James H. Sgt. Peter G. Sgt. L. G. Sgt. Robert G. Sgt. William Davis W/O Sullivan P.	Captain P/Engineer A/Engineer Navigator W/Operator W/U A/G Rear A/G	2145	0120	Bombing - 2000 - sortie completed. No cloud with haze. Bombed on rd 21 from 20100 at 0034 (1 x 4000lb H.E., 1200 x 4lb and 48 x 30lb inc.). One large explosion, 10 seconds in centre of concentration of fires. Bombs in and out mist. Flak over target practically nil with large mass of 4/4 in target area not very active. Navigation throughout trip accurate. Bombs working all trip.	
25/26 July	Lancaster III 20,704 JA 675	W/O G. G. Sgt. Thomas H. Sgt. Robert H. Sgt. G. J. Sgt. William P. H. Sgt. H. G. Sgt. King W/O G. G.	Captain P/Engineer A/Engineer Navigator W/Operator W/U A/G Rear A/G 2nd Navigator	2147	0222	Bombing - 2000 - sortie completed. 1/10th cloud - haze about 2000 ft. Bombed on rd 21 from 20000 at 0036 (1 x 4000lb H.E., 3 x 500lb H.E., 1 x 500 37 lbs., 600 x 4lb and 48 x 30lb inc.). Attack concentrated - large fire already burning and numerous bombs exploding round it. Good trip. Flak fairly heavy. 4/4 ineffective. Bombs good. Beginning of raid appeared very concentrated.	
25/26 July	Lancaster III 20,998	W/O Lewis W. Sgt. Robert G. Sgt. Scott A. Sgt. Harry K. Sgt. Harry K. Sgt. William G. W/O W. H. Kennedy W/O G. G.	Captain P/Engineer A/Engineer Navigator W/Operator W/U A/G Rear A/G 2nd Pilot	2148	0030	Bombing - 2000 - sortie completed. 1/10th cloud, haze about 2000 ft. Bombed on rd 21 from 20500 at 0037 (1 x 4000lb H.E., 3 x 500lb H.E., 1 x 500lb H.E. 37 lbs., 600 x 4lb and 96 x 30lb inc.). Bombing appeared concentrated, fires burning then leaving target, smoke rising above cloud. Bombs appeared quite good. Although in first wave effect of bombing seemed quite nicely concentrated around well-concentrated fire. PFF into in starting.	
25/26 July	Lancaster III 20,135	W/O Arthur G. Sgt. Brooks R. Sgt. Martin G. W/O Roger J. Sgt. William D. Sgt. Robert H. W/O G. G.	Captain P/Engineer A/Engineer Navigator W/Operator W/U A/G Rear A/G	2148	0215	Bombing - 2000 - sortie completed. Hazy. Bombed target from 17000 at 0039 (1 x 4000lb H.E., 1200 x 4lb and 48 x 30lb inc.). Good concentration. Bombs flak fire and target area flak and 4/4 ineffective and flak leakage type. Hazy. Fighters seen in target area and four carbets seen on route.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
25/26 July	Lancaster III JA 908	W/O W.A. Forbes Sgt Miller H.H. Sgt Grier H.H. Sgt Robertson J. Sgt McLeod H. Sgt Smith J.H. W/O Macfarlane	Captain P/Engineer A/Engineer Navigator W/Operator W/O A/G Rear A/G	2145	0226	bombing - BOMB - sortie completed. No cloud, visibility excellent. Fired red XI from 1900 to 1905, from 1905 to 0039 (1 x 4000lb HD, 5 x 500lb HD, 1 x 500lb 37 lb, 600 x 4lb and 48 x 30lb ins.) Large explosion just prior to bombing and two just after bombing. BOMB seemed to be very concentrated and results seem to indicate a most successful raid. Defences not up to usual standard.	
25/26 July	Lancaster III JA 901	P/Sgt James D.H. Sgt Hall H.H. Sgt Hays H.H. Sgt Dickinson G.H. Sgt Scott J.H. Sgt Dickinson J.H. W/Sgt Hall	Captain P/Engineer A/Engineer Navigator W/Operator W/O A/G Rear A/G	2211	0239	bombing - BOMB - sortie completed. Smoke. Fired red XI commencing at 0030, from 2200 at 0100 (1 x 4000lb HD, 5 x 500lb HD, 1 x 500lb 37 lb, 600 x 4lb and 48 x 30lb ins.) Fire well concentrated. One large mass of fire with numbers of others merging into it. Large pool of smoke up to 15000ft. An unsuccessful trip over from one fighter seen and fired at after leaving target - range 400 yds. Concentration excellent. No cooperation between W/O and Pilot which was average type not only moderate. W/O wandered aimlessly.	
25/26 July	Lancaster III JA 949	P/Sgt Victor A. Sgt Gyles P.H. Sgt McCallum H. Sgt Murray H.H. Sgt Macpherson P.H. Sgt Hayes J.H. Sgt Bennett P.	Captain P/Engineer A/Engineer Navigator W/Operator W/O A/G Rear A/G	2215	0256	bombing - BOMB - sortie completed. Day - 1/10th on. top 6000ft. Fired red XI commencing 0030, from 1900 at 0100 (1 x 4000lb HD, 5 x 500lb HD, 1 x 500 37 lb, 600 x 4lb and 48 x 30lb ins.) About a dozen goal fires going in area with some dense black smoke rising to 14000ft. Target well sighted and bombing sound concentrated. Defensive measures taken in BOMB area then caught by a 4/4 1/2 ton and eight dive to increase speed. Lighthouse "Electric" was in operation. No shipping seen.	
25/26 July	Lancaster III JA 50A	W/O D.H. Gorman Sgt Spens H. Sgt Titchett H.H. Sgt Wilson H.H. Sgt Noble G. Sgt Crawford H.H. Sgt Frost H.H.	Captain P/Engineer A/Engineer Navigator W/Operator W/O A/G Rear A/G	2207	0250	bombing - BOMB - sortie completed. Day and smoke - 1/10th on. cloud 6000ft. Fired red XI from 1700 at 0105 (1 x 4000lb HD, 5 x 500lb HD, 1 x 500lb 37 lb, 600 x 4lb and 48 x 30lb ins.) Large rectangle of fire with red explosion lasting 10-12 sec. from centre of fire. Trip unsuccessful and results appeared good. Place in target area concentrated. Bombing height reduced to 17500 because of W/O supercharge. Navigation good.	
25/26 July	Lancaster III ED 546	Sgt Macoll G.H. Sgt Cassidy P. W/O R. Reid Sgt Cassidy A.H. Sgt Lewis H.H. Sgt Brown J.H. Sgt Finch H.	Captain P/Engineer A/Engineer Navigator W/Operator W/O A/G Rear A/G	2210	0252	bombing - BOMB - sortie completed. No cloud but lots of smoke. Fired red XI from 2100 at 0105 (1 x 4000lb HD, 5 x 500lb HD, 1 x 500 37 lb, 600 x 4lb and 48 x 30lb ins.) Considered a very successful raid - one huge mass of fire. Navigation good.	

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(Revised) WL 415-51 4150 514 T.S. 700
(Previous) WL 415-51 4150 514 T.S. 700

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
25/26 July	Lancaster III NR 545	Sgt Warren H.O. Sgt Elliott G. Sgt Roberts M.F. Sgt Bentley M.A. Sgt Parnham Sgt Edwards J.L. Sgt Thompson R.	Captain P/O Navigator P/O Navigator P/O Navigator P/O Navigator P/O Navigator P/O Navigator	2215	0258	Bombing - 13000 - results completed. No cloud, but smoke. Dropped red VI from 20700 at 0410 (1 x 4000lb HD, 3 x 500lb HD, 1 x 500lb 27 inch, 600 x 400 and 60 x 400 inc.) Lots of fires over fairly wide area. Column of smoke seen above 21000. Unsettling noise. Operation did not cause any worry.	
25/26 July	Lancaster III NR 545	P/O Harrison G.O. Sgt Robertson J.L. Sgt Perry P.O. P/O Harrington Sgt Ross L. Sgt Edwards T.L. Sgt Armstrong G.L. P/O Harrison	Captain P/O Navigator P/O Navigator P/O Navigator P/O Navigator P/O Navigator P/O Navigator P/O Navigator	2130	0254	Don'ting - 13000 - results completed. 1/40th cloud, good vis. Dropped (1 x 4000lb HD, 1200 x 400 and 60 x 400 inc.) whilst circling down in dive or spiral after being hit by A.A. on bombing run and held in v/c cone although both inner inter com. was w/o after a/c was hit. Results unobserved. Two quite substantial hits on the engine area. Smoke flew from. P/O Harrison's plane hit and as he turned into target on 21000 - two again marked bombs were not seen and it was decided to bomb on 21000 as no more could be engaged by a large amount of well predicted heavy flak. About one minute before bombs were seen to be released and the plane seen to descend on port bomb sight. 5 miles away. I immediately turned onto a bombing run and during this a/c was hit by several small splinters. The right outer motor caught fire and a/c began a steep spiral to earth. - power also lost from port motor and when control of a/c re- quired approx. 6000ft., both motors were feathered and switched off. - a/c gradually lost height and came to rest at 4000ft. During sea crossing it was found that height of splinter could be maintained at 135 in. when anti-aircraft was crossed - actual position unknown as Navigator's material had been lost when a/c was hit and was w/o due to port outer motor being damaged - a Party call was transmitted and reply received from GENTLEMAN. Landing was made but but remaining motors could not be controlled by throttle levers and runway was overshoot - no damage caused to a/c or occupants. It was found, later, that hydraulic system had been damaged and had been rendered even after bombs had been released and a full amount of fuel was lowered. Under out- line was lowered by emergency system. When a/c was hit the junction box of bombardier's a/c was damaged and it was im- possible to let him know of the difficulties we were in. However, he realised that we were in trouble and released his bombs. I am sure that they must have fallen some few miles short of aiming point. Throughout the journey home the crew behaved wonderfully well without the least trace of panic and all helped in getting rid of unnecessary weights.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
25/26 July	Lancaster III ID, 547	P/O J.W. Whiting Sgt Kyle H.W. Sgt Simpson J.B. P/O W.C. Glass Sgt Self G. P/Sgt Blair G.O. Sgt Fowler F.	Captain P/Engineer A/Engineer Navigator W/Operator R/Operator R/U A/U Rear A/U	2127	0050	Heading - 330° - sortie not completed. Early return - hydraulic failure. Jamst pipe in rear turret and starboard inner glycol leak.	
27/28 July	Lancaster III ID, 546	P/O R. Allsopp Sgt Thornhill W.H. Sgt Macdonald G. Sgt Dickson J.B. Sgt Hunt J.W. Sgt Hughes R. Sgt Garrett R. Sgt Richards	Captain P/Engineer A/Engineer Navigator W/Operator R/Operator R/U A/U Rear A/U 2nd Navigator	2233	0322	Heading - 330° - sortie completed. 1/10th cloud, tops approx 4000ft. Banded yellow VII from 19300 at 0101 (1 x 4000lb HB, 3 x 500lb HB, 1 x 500lb HB, 10 37 lbs, 600 x 4lb and 48 x 30lb inc.) Explosions seen 0100 on heading run up. Target heading ve - concentrated raid attack appeared very much the same. Defences slightly stronger than previous attack but not very troublesome. Large number of 4.2s also not very troublesome. Large column of smoke glowing red could be seen when over 100 miles from target. Route uneventful. Navigation very accurate.	
27/28 July	Lancaster III ID, 549 947	P/O R. Allsopp Sgt Hunt J.W. Sgt Garrett R. Sgt Hughes R. Sgt Fowler F. P/O W.C. Glass	Captain P/Engineer A/Engineer Navigator W/Operator R/Operator R/U A/U Rear A/U	2211	0329	Heading - 330° - sortie completed. 1/10th cloud, tops 5000', clear vis. Banded yellow II from 19300 at 0102 (1 x 4000lb HB, 3 x 500lb HB, 1 x 500 37 lbs, 96 x 30lb and 600 x 4lb inc.) Numerous heavy bursts. 200 technicals good and well concentrated. Yellow VII very well backed up by concentrated ground. Good concentration of red fires around VII. Portion of river and small area of built-up area seen in flashes. Defences quite heavy but mostly harmless.	
27/28 July	Lancaster III ID, 547	P/O J.W. Whiting Sgt Kyle H.W. Sgt Simpson J.B. P/O W.C. Glass Sgt Self G. P/Sgt Blair G.O. Sgt Fowler F. Sgt Jack	Captain P/Engineer A/Engineer Navigator W/Operator R/Operator R/U A/U Rear A/U 2nd Pilot	2230	0334	Heading - 330° - sortie completed. Day. Banded concentration of yellow VII from 17500 at 0102 (1 x 4000lb HB, 3 x 500 37 lbs, 1 x 500lb HB 37 lbs, 600 x 4lb and 96 x 30lb inc.) Several concentrated bombings. On leaving target column of smoke to 20000ft from NW of town, and from NW 50 miles out to sea. Little heavy and light flak. Latter fire into course. High of VII. Good phug. Good navigation.	
27/28 July	Lancaster III ID, 675	P/Sgt Davidson G.O. Sgt Robertson J.G. Sgt Avery P.O. P/O R.A. Ingram Sgt 1888 L. Sgt Osborne K.A. Sgt Armstrong	Captain P/Engineer A/Engineer Navigator W/Operator R/Operator R/U A/U Rear A/U	2235	0336	Heading - 330° - sortie completed. Dark haze with some thin cloud. Banded on yellow II from 17600 at 0107 (1 x 4000lb HB, 1000 x 4lb and 48 x 30lb inc.) Considered a very concentrated attack. Explosions seen 0104, 0105. High column of smoke seen almost up to 15000ft. Navigation excellent.	

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(*5511) WL 225-26 60mm Sig T.S. 700
(*5512-2341) WL 2251-2345 60mm Sig T.S. 700

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES.
				Up	Down		
27/28 July	Lancaster III MD.621	P/Sgt Horner R. Sgt Barnes G.K. Sgt Pether G.H. P/O H.E. Garbutt Sgt Baker G.J. Sgt Siddaway G.H. P/Sgt Pullen	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2236	0240	Bombing - HAMBURG - sortie completed. Clear, but much smoke. Bombed on yellow X from 18500 at 0107 (1 x 4000lb HE, 1200 x 4lb and 48 x 50lb inc.) Considered a good concentrated raid. Six huge fires well concentrated with huge pall of smoke up to 20000'. Green T's much more effective than yellow. PFF very concentrated. Navigation exceptionally excellent. A/Ls seem to be doused after various bundles of "winos" dropped. Route fairly quiet.	
27/28 July	Lancaster III MD.992	W/O R. G. Green Sgt Lee J.R. P/O R. J. Phillips P/O K. Gibson P/O A. H. Reardon P/O Pritchard P/Sgt Maloney Infr. P/O Durston	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G 2nd Pilot	2232	0326	Bombing - HAMBURG - sortie completed. Layer thin cloud 5000'. Haze and smoke. Bombed centre of concentration of yellow and green T's from 18500 at 0108 (1 x 4000lb HE, 1 x 5000lb HE, 1 x 5000lb HE 37 lbs, 600 x 4lb and 96 x 50lb inc.) Very good and concentrated raid. PFF very good. Bombing good. Large pall of smoke with fires. Defences stronger than last time but ineffective. Poor barrage fire and A/Ls numerous but not doing any good - for the time. Good navigation.	
27/28 July	Lancaster III JL.902	P/O W. A. Forbes Sgt Miller R.G. Sgt Grime R.A.O. Sgt Robertson J. Sgt Malwood W. Sgt Garth J.E. P/O Walden	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2237	0345	Bombing - HAMBURG - sortie completed. Hazy. Bombed centre of 5 green T's from 18000 at 0110 (1 x 4000lb HE, 48 x 50lb and 1200 x 4lb inc.) T's seemed concentrated and a large number of fires starting up. Should be as good a run as previous one. Flak not intensive, but A/Ls used to form cones and flak pumped rather extensively into spaces between cones. PFF once again in top form giving us every assistance.	
27/28 July	Lancaster III MD.530	P/O K. A. Molver Sgt McIlwain A.E. Sgt McIlwain H.E. Sgt Gale J.K. Sgt McLean G. Sgt Shaw H. Sgt Shaw P.W. P/Sgt Chapman	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G 2nd Navigator	2229	0353	Bombing - HAMBURG - sortie completed. Slight low cloud and haze over target. Bombed centre of 5 green T's from 14000 at 0148 (1 x 4000lb HE, 1200 x 4lb and 48 x 50lb inc.) Numerous large fires fairly concentrated. Buildings could be seen burning. Smoke rising to great height after leaving target and could be seen for considerable distance on way home. Port enter W's nearly all way to target and all way back. Battered heavy flak on route. Very light flak over target. No predicted fire and A/Ls ineffective. PFF markers on route very good.	
27/28 July	Lancaster III JL.338	Sgt McIlwain G.D. Sgt Cassidy P. P/O R. D. Hunt Sgt Cassidy A.B. Sgt Lewis H.J. Sgt Brown J.H. Sgt Finch H.	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2305	0409	Bombing - HAMBURG - sortie completed. Hazy. Bombed two green T's from 21000 at 0133 (1 x 4000lb HE, 1 x 5000lb HE, 1 x 5000lb HE 37 lbs, 600 x 4lb and 48 x 50lb inc.) Attack had been well started by the time we bombed. Whole target seemed one mass of fire and all loads seemed concentrated. Smoke up to 22000'. A/Ls were co-operating with night fighters and not flak. Fires seen 100 miles out to sea.	

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27/28 July	Lancaster III JA.304	F/Sgt Jones D. Sgt Full S.J. Sgt Jackson G.S. F/Sgt Sage A.R.P. F/Sgt Scott J.W. F/Sgt Wilkinson J.H. F/Sgt Reid D.V.	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G	2307	0402	Bombing - HAMBURG - sortie completed. Vis. good, smoke haze. Bombed one green TI from 20000 at 0134 (1 x 4000lb HE, 3 x 500lb HE, 1 x 500lb 37 lb, 600 x 4lb and 48 x 30lb inc.). Results not observed. Rear turret went completely w/s one hour from base. Had difficulty in attaining 20000 at which height we bombed. More heavy flak and more 3/4s than on last HAMBURG raid but definite lack of co-operation between flak and 3/4s. Very thick whitish grey pall of smoke seen rising up to 23000', also mass of good red fire covering large area. Fighter was sighted on leaving target chasing another Lancaster. Range 600 yards but rear gunner who sighted it could not fire as his turret gun was w/s. Could still see glow of fires one hour and a half from target.	
27/28 July	Lancaster III ID.300	F/Sgt McClelland W.H. Sgt Howard J.W. Sgt Griffin H. Sgt Booth W. Sgt Kay S. Sgt Bethell S.G.W. Sgt Warden L.L.	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G	2304	0405	Bombing - HAMBURG - sortie completed. No cloud. Smoke and haze. Bombed centre of concentration of green TIs from 19500 at 0155 (1 x 4000lb HE, 3 x 500lb HE, 1 x 500lb 37 lb, 600 x 4lb and 48 x 30lb inc.) Seemed fairly good attack. Good concentration of fires all around main area. Large column of smoke up to 21000ft. Two night fighters seen over target area. One FW 490 fired on but no hits seen. Appeared to be better than previous raid. Many 3/4s and flak in barrage fire.	
27/28 July	Lancaster III ID.772	F/O C.J. Martin Sgt Wyke F.R. F/O R.H.N. Jacobs Sgt McIlwain G.F.M. Sgt Pearson J.W. Sgt Hollow J.T. F/Sgt Martin G.H.	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G	2306	0419	Bombing - HAMBURG - sortie completed. Vis. good, smoke haze. Bombed centre of 2 green TIs from 17000 at 0157 (1 x 4000lb HE, 3 x 500lb HE, 1 x 500lb 37 lb, 600 x 4lb and 48 x 30lb inc.) Results not observed. Fires burning covering a large area. Consider action of crew in general under conditions of first effort quite satisfactory. Previous effect of earlier bombing runs excellent. Considerable amount of personnel experience gained.	
27/28 July	Lancaster III ID.764	Sgt Kell A.S. Sgt Clark J.W. Sgt Morrison R.C. F/Sgt Hager J.W. F/Sgt Evans A.L. Sgt Hall P.W. F/O Chapman J.P.W.	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G	2301	0416	Bombing - HAMBURG - sortie completed. No cloud over target. Bombed green TI from 18000 at 0135 (1 x 4000lb HE, 3 x 500lb HE, 1 x 500lb 37 lb, 48 x 30lb and 600 x 4lb inc.) Bombing fairly concentrated, numerous fires and large area appeared as one large conflagration. Smoke rising to 25000'. Glow of fires could be seen from 4° S on return. Good effort by PFF. Routing satisfactory. Good navigation enabled crew to have reasonably easy trip. Could leave target but decompressed violently and lost 3/4s. No flak in 3/4s.	
27/28 July	Lancaster III ID.545	Sgt Warren H.G. Sgt Whittle G. Sgt Griffiths Sgt Hendry P.W.A. Sgt Hough Sgt Giroux J.L.H. Sgt Thompson	Captain P/Engineer A/Bomber Navigator W/Operator W/U A/G Rear A/G	2303	0421	Bombing - HAMBURG - sortie completed. Hazy with much smoke. Bombed yellow TI from 20100 at 0140 (1 x 4000lb HE, 3 x 500lb HE, 1 x 500 37 lb, 600 x 4lb and 48 x 30lb inc.) Very large explosion seen when running up. Very concentrated attack and extensive fires. Results should be good. Navigation excellent - route quiet. Very little flak.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
29/30 July	Lancaster III ED.546	P/L B.E. Sinclair Sgt Traynor P. P/Sgt Lowndes P/O Gibson P/Sgt Hall S.G. P/O W. Wells P/Sgt Hall S.T. P/Sgt Turner	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G 2nd Pilot	2227	0344	Bombing - HAMBURG - sortie completed. No cloud, some haze. Bombed centre of concentration of green TIs from 16500 at 0059 (1 x 4000lb HE, 1200 x 4lb and 80 x 30lb inc.). Saw explosion 0059. Bombing concentrated and fires appeared to be merging into each other. Very well concentrated and first wave appeared to bomb accurately on TIs. Several large fires took hold very quickly. Defences greatly strengthened, particularly 3/1s and heavy predicted flak. 3/1s appeared to be co-operating almost exclusively with night fighters. Should be very good raid.	
29/30 July	Lancaster III ED.764	P/O D.J. Sullivan Sgt Malluish B.H. Sgt Copps J. J. Sgt Mainwright J.A. Sgt Wade P.H. Sgt Cole J.H. Sgt Thomson G.T. P/O Fry	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G 2nd Navigator	2228	0356	Bombing - HAMBURG - sortie completed. Cloudless, fairly good vis. Bombed green TI from 16000 at 0050 (1 x 4000lb HE, 6 x 30lb and 1200 x 4lb inc.). One results not seen. Some good fires starting up and fairly well concentrated round TIs. Navigation excellent. Defences seemed considerably strengthened. Enemy seem to have anticipated our way out as to pass over red tracking marker it was necessary to assign a big batch of 3/1s which were not there on previous HAMBURG raid.	
29/30 July	Lancaster III JA.675	P/Sgt Wallace G.L. Sgt Caldwell H.G. Sgt Birch H.W.G. P/Sgt Kennedy S. Sgt Jeffrey S.H. Sgt Ritchie J.H. Sgt Usher G.V.	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G	2235	0326	Bombing - HAMBURG - sortie completed. Weather good but slight haze. Bombed centre of all yellow and green TIs from 16000 at 0051 (4 x 4000lb HE, 1200 x 4lb and 80 x 30lb inc.). Never seen such a concentration of TI markers for number and compactness in 20 trips. Constant cookies going off all the time. Large wall of black smoke ascending. A number of fires appeared to be getting hold. Red markers seen on coast both in and out. Defences appeared to be greatly strengthened particularly as regards 3/1s. Heavy flak encountered on N.W. edge of target. One A/G shot down in flames in a cone to S.W. of target. Elaborate type of smoke screen seen over target like a huge yellow flare ascending in innumerable silver stars burning at approx 18000, 12000, 10000. Several night fighters seen burning - navigation lights in vicinity of target.	
29/30 July	Lancaster III ED.547	P/O J.H. Whiting Sgt Pike H.L. Sgt Simpson J.C. P/O W.S. Close P/Sgt Self G. P/Sgt Blair G.G. Sgt Pender P. Sgt Jennings	Captain P/Engineer A/Bomber Navigator W/Operator W/O A/G Rear A/G 2nd Navigator	2234	0326	Bombing - HAMBURG - sortie completed. No cloud, slight haze. Bombed green TI from 17000 at 0052 (1 x 4000lb HE, 1200 x 4lb and 80 x 30lb inc.). Fires not so good as on previous attack but fairly concentrated. Defences heavier than previous night. Number of 3/1s doubled. Fighters firing into cones. Attack seemed concentrated but not up to previous night.	

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(Note) Wt. 2500-25 5000 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
29/30 July	Lancaster III ED. 546	P/O F.W. Dixon Sgt Saunders Sgt Dickson G.A. Sgt Dickson S.W. Sgt Lowe F. Sgt Hughes R. Sgt Garnett R. P/Sgt Hancock J.W.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G 2nd Pilot	2229	0345	Bombing - HAMBURG - sortie completed. Cloudless, vis. good. Bombed yellow and green TIS from 18000 at 0052 (1 x 4000lb HD, 64 x 30lb and 1200 x 4lb inc.) Results of own bombs not seen. Some fires starting up round perimeter, which were a little scattered and very numerous. Impossible to judge success of attack or any bombing results. 4/1s very numerous and much more difficult to evade than on previous attacks. Flak - small amounts of heavy. Route uneventful.	
29/30 July	Lancaster III JA. 902	P/L J.M. Sullivan Sgt Newland J.E. P/O T.H. Gatrout W/O R.S. Orange Sgt Harvey T. Sgt Spurr L. Sgt Power A.P. P/O I.G. Durston	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G 2nd Pilot	2225	0339	Bombing - HAMBURG - sortie completed. No cloud, smoke haze. Bombed centre of concentration of green TIS whilst held in 8/1s from 16000 at 0053 (1 x 4000lb HD, 80 x 30lb and 1200 x 4lb inc.) Considerable glow in concentrated area below smoke pall. Target identified by white and green TIS. Flak much more intense than on previous occasions and 4/1s had been strengthened in numbers. It appeared that one particular belt of 3/1s was entirely set aside for flak, yet in another area no flak whatsoever but more night fighter activity was encountered.	
29/30 July	Lancaster III ED. 521	P/Sgt Harder R. Sgt Barnes G.N. Sgt Potter G.W. P/O M.S. Garbutt Sgt Baker G.J. Sgt Biddaway S.M. P/Sgt Fulborn F.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2302	0408	Bombing - HAMBURG - sortie completed. No cloud - haze and smoke. Bombed yellow TIS from 13700 at 0119 (1 x 4000lb HD, 80 x 30lb and 1200 x 4lb inc.) Concentrated attack - large glow over area and much smoke rising high. Explosion seen in target area. Route in quiet with 4/1s rather intense on route out. Flak over target weak. Fires well concentrated on target.	
29/30 July	Lancaster III ED. 433	P/O G.P. Colwin Sgt Thewell J.H. Sgt Telford H. Sgt Cox J.E. Sgt Bloomfield F.H. Sgt BLAKE-HALAN U. Sgt King A.A. P/O M.R. Good	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G 2nd Pilot	2232	0331	Bombing - HAMBURG - sortie completed. Cloudless, vis. good except for smoke. Bombed concentration of yellow and green TIS from 18000 at 0053 (1 x 4000lb HD, 64 x 30lb and 1200 x 4lb inc.) Good concentration of fires appeared to be setting good hold all around and on target. One large oil fire 4 of target with column of black smoke rising to 10000ft. Good trip - great number of 3/1s compared with previous raids working very effectively in cones. Two planes seen shot down in cones by flak which was moderate. No fighters seen. Route good.	
29/30 July	Lancaster III ED. 539	P/Sgt Jones B. Sgt Tull E.L. Sgt Erickson G.E. P/Sgt Boyd A.R.T. P/Sgt Scott J.W. P/Sgt Wilkinson J.H. P/O Walden	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2303	0355 0403	Bombing - HAMBURG - sortie completed. No cloud - smoke. Bombed centre of green concentration of THURS TIS from 18500 at 0121 (1 x 4000lb HD, 64 x 30lb and 1200 x 4lb inc.) Numerous fires fairly concentrated. Heavy smoke pall. Many more 3/1s than on last two HAMBURG raids, but except for 2 or 3 cones appeared to be aimless. Moderate amount of heavy flak. Concentration quite good but not as fierce as it could be. Impression was that there was little to burn. JUB8 seen and fired at but it kept going on-out of sight. Satisfactory trip.	both C/S both

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
29/30 July	Lancaster III KD. 545	Sgt Barnes H.O. Sgt Hiblett G. Sgt Orwen P.B. Sgt Hendry F.W.A. Sgt Mallick T. Sgt Giroux J.L.M. Sgt Thompson H.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2300	0412	Bombing - HAMBURG - sortie completed. Clear, smoke on ground. Bombed green TIs from 19500 at 0122 (1 x 4000lb HB, 1200 x 4lb and 80 x 30lb ins.) - Fires concentrated but not so effective as last attack. Small fires on outskirts of target area. One column of smoke thick black smoke 0122 rising to 18000'. Quiet route in. Several fighters seen plus a few engagements. Predicted FIAC spinning a hit on bomb bays on way out. 3/Ls very numerous. Otherwise trip very uneventful.	
29/30 July	Lancaster III KD. 549	P/O G.J. Martin Sgt Wynde P.R. P/O R.H. Macdonald Sgt Kerlin B. Sgt Pearson F.J. Sgt Hollow J.T. P/Sgt Martin G.H.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2304	0420	Bombing - HAMBURG - sortie completed. Cloudless, smoke haze. Bombed concentration of green TIs from 18000 at 0123 (1 x 4000lb HB, 80 x 30lb and 1200 x 4lb ins.) - Area all around markers appeared well plastered. Good fires going. Crew work quite satisfactory. Bombing generally appeared to be well concentrated around TIs.	
29/30 July	Lancaster III JA. 504	Sgt McCallum D. Sgt Cassidy P. P/O R.L. Bent Sgt Cassidy A.S. Sgt Lewis H.J. Sgt Brown J.H. Sgt Finch	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2305	0406	Bombing - HAMBURG - sortie completed. Clear, ground smoke. Bombed on green TIs from 20000 at 0123 (1 x 4000lb HB, 1200 x 4lb and 80 x 30lb ins.) Good fires but not as solid as previous attacks. Smoke rising from target to 10000ft. Fires had been well started but were more scattered than previously. Little FIAC and many 3/Ls co-operated with night fighters.	
29/30 July	Lancaster III KD. 500	P/Sgt McAllister N.M. Sgt Martin A.W. Sgt Griffiths H. Sgt Reed F. Sgt Day G. Sgt Bethall S.G.W. Sgt Verdon R.L.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2259	0405	Bombing - HAMBURG - sortie completed. Clear sky, smoke below. Bombed centre of concentration of green TIs from 18000 at 0124 (1 x 4000lb HB, 1200 x 4lb and 80 x 30lb ins.) Numerous fires seen but did not appear to be as concentrated as last attack on this target. Large orange explosion in target area at 0127. Defences greatly increased. Much light and heavy FIAC to W and E of town. 3/Ls greatly increased and considerable in trouble to evade.	
29/30 July	Lancaster III 59. 505 JA. 486	P/O D. Richards Sgt Sylve E. Sgt Titchcott H.W. Sgt Wilson R.G. Sgt Middle G. Sgt Hartford H.A.B. Sgt Pratt D.N.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2301	0419	Bombing - HAMBURG - sortie completed. Cloudless, heavy smoke pall up to 14000ft. Bombed on green TIs from 15000 at 0125 (1 x 4000lb HB, 1200 x 4lb and 80 x 30lb ins.) - Target area well alight, fires going well, mostly deep red in colour. Defences weak 3/Ls although increased in number were not coming. FIAC very dispersed.	

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(1943) WL 1035-22 50,000 510 T.S. 700
(1944-1945) WL 3531-435 1036 1104 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
29/30 July	Lancaster III ED.534	P/Sgt Park R.W. Sgt Hopkins G. Sgt McMahon M.J. P/Sgt Chapman J.H. P/Sgt McBean R.G. Sgt Hillier H.O. P/Sgt D.A. Reid	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2306		Bombing - HAMBURG. Aircraft missing - no news received.	
30/31 July	Lancaster III ED.246	P/O G.P. Schwin Sgt Thornhill W.H. Sgt Telford H. Sgt Cox J.H. Sgt Bloodfield P.H. Sgt Hinks-Hales G. Sgt King A.A. P/Sgt Manserrow J.W.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G 2nd Pilot	2215	0311	Bombing - REIMSCHNEIDER - sortie completed. Vis. fair. Bombed on two red TIs from 17000 at 0100 (1 x 4000lb, 80 x 30lb and 1200 x 4lb inc.) Spray of incendiaries seen to burst. Fires beginning to burn. Target practically free of flak - first TI appeared to be on centre of town and raid appeared to start well. 3/4s heavy along RHINE, attacked by enemy fighter with cannon fire soon after leaving target - diving turn to port was employed after first burst from fighter followed by work-screw which effectively lost fighter.	
30/31 July	Lancaster III ED.338 AN	P/Sgt Fisher A. Sgt Smith E.S. Sgt McGalloway H. Sgt Dooney M.H. Sgt Hornblower T.H. Sgt Payne J.H. Sgt Beaudish F.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2219	0243	Bombing - REIMSCHNEIDER - sortie completed. Slight haze. Bombed re. TI ascending 0102 from 18400 at 0103 (1 x 4000lb, 80 x 30lb and 1200 x 4lb inc.) Two good fires seen burning and target seemed well alight when seen after crossing RHINE. 3/4s belt seemed to be as intended. Flak over target ineffective and scattered. Though three times on run up and over target by 3/4s being held longest for 5 or 6 seconds on run up. Got out by diving turn to port and again to starboard. Several heavy flak guns observed at REIMSCHNEIDER. PFF reds concentrated and attack seemed to be close around raids.	
30/31 July	Lancaster III ED.949	P/O W.A. Forbes Sgt Miller P.G. Sgt Drime W.F.G. Sgt Robertson J. Sgt Halsey W. Sgt Garth J.D. P/O Walden	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G	2221	0320	Bombing - REIMSCHNEIDER - sortie completed. Clear. Bombed concentration of markers from 18000 at 0106 (1 x 4000lb, 80 x 30lb and 1200 x 4lb inc.) Fires seemed concentrated in very small area and going well on leaving target. Trip on the whole uneventful, some throughout practically flak free. Over target little or no defences or 3/4s. Only on run out between DUSSELDORF and COLOGNE where heavy flak and 3/4s encountered. Good trip and should be successful effort.	
30/31 July	Lancaster III JA.675	S/L A.S. Raphael Sgt Smith V. Sgt Gray P. P/O R.G. Carter P/Sgt Fialden D. Sgt Brand A.C. Sgt Garrett F.B. P/Sgt Messenger G.L.	Captain P/Engineer A/Bomber Navigator W/Operator M/U A/G Rear A/G 2nd Pilot	2220	0254	Bombing - REIMSCHNEIDER - sortie completed. Hazy. Bombed on a red TI from 17500 at 0109 (1 x 4000lb, 80 x 30lb and 1200 x 4lb inc.) Results of own bombing not seen. Good flak concentration of fires and heavy pall of black smoke rising to approx. 3000ft. Route very good. Only slight defences over target. Lots of 3/4s in RUHR area but not much flak.	

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Reference:-

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