

OPERATIONS RECORD BOOK

APPENDIX "A"

FORM 541

DETAIL OF WORK CARRIED OUT

By No. 419 (R.G.A.F.) Squadron.

SECRET

PAGE No. 268

(1126-2811) W.L. 2888-112; Form 541, 7.5. 700
(11269-2811) W.L. 2888-112; Form 541, 7.5. 700

FOR THE MONTH OF NOVEMBER 1944

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
1st November	LANCASTER X KB 722 A	J26810 FL BELL JFD	Pilot	1636	2302	Target OBERHAUSEN with 1 x 4000lb H.C. N.L., 1/4 x No. 14 Cluster No. 42 Fuse. Bombed primary through 7/10ths cloud on green flares at 2036 hrs from 19,000ft. Whole T/A was a mass of burning incendiaries. If markers were on should be a good attack.	A.2805
1st November	LANCASTER X KB 779 B	J9173 FL CAVE HEM	Pilot	1631	2259	Target OBERHAUSEN with bombload same as "A". Bombed primary through 5/10ths thin broken cloud on flares and fires on ground at 2035.8 hrs from 19,500 ft. Area was covered with fires. Should be a good attack.	A.2806
1st November	LANCASTER X KB 798 D	J17469 FO HOW FW	Pilot	1652	2313	Target OBERHAUSEN with bombload same as "A". Bombed primary through 9/10ths cloud, tops to 9,000ft., on red flares at 2035 hrs from 19,000ft. T/A well alight with fires. Good attack.	A.2807
1st November	LANCASTER X KB 733 G	J29220 FO MOVIGER RA	Pilot	1634	2255	Target OBERHAUSEN with bombload same as "A". Bombed primary through 7/10ths cloud tops 9-10,000ft. on centre of flares at 2031.5 hrs. from 21,000ft. Flares well concentrated. Several bomb bursts in the T/A. Fires well concentrated.	A.2808
1st November	LANCASTER X KB 761 H	J37355 FO ERUTINE EM	Pilot	1640	2309	Target OBERHAUSEN with bombload same as "A". Bombed primary through 9/10ths thin cloud on group of flares at 2036.2 hrs from 19,000ft. Incendiaries could be seen in a solid mass and a large area of fire in the T/A. Two large explosions at 2036 hrs. 2/300 yds short of the target. Excellent concentration of markers and bombing.	A.2809
1st November	LANCASTER X KB 769 I	J85770 FO MANSFIELD RG	Pilot	1642	2339	Target OBERHAUSEN with bombload same as "A". Bombed primary through 6/10ths broken cloud on group of flares at 2036 hrs. from 19,500 ft. Bombed between red and yellow flares. Could see built-up area and large fires growing. Good marking and concentrated bombing.	A.2810
1st November	LANCASTER X KB 762 J	J27874 FO TEEFORD GO	Pilot	1638	2344	Target OBERHAUSEN with bombload same as "A". Bombed primary through 10/10ths cloud, tops 8,000ft. Target ident. by red, yellow and green flares. Bombed centre of yellow cluster of 6 flares. Lots of fires of all colours. Bombed flares and over concentration of fires. More fires spread along route before turn to the west. Dull red glow seen burning (obviously a flare) 30 miles before the target. Primary at 2036 hrs. from 20,000ft.	A.2811
1st November	LANCASTER X KB 797 K	J10572 FL SWARTZ	Pilot	1633	2257	Target OBERHAUSEN with bombload same as "A". Primary at 2036.5 hrs from 20,500 ft. 7/10ths broken cloud tops 8,000ft. Target ident. by red, yellow and green flares. Bombed red flares. Carpet of incendiaries. PFF well concentrated and should be a good attack.	A.2812

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
1st November	LANCASTER X KB 787 M	J29884 FO BLAUNY LA	Pilot	1645	2303	Target OBERHAUSEN with bombload same as "A". Primary at 2036.6 hrs from 20,000ft. 7 to 8/10ths cloud up to 10,000 ft. Target identified by red, yellow and green flares. Bombed centre of red and yellow flares. Built up area well ablaze. If PFF accurate, attack bang on.	A.2813
1st November	LANCASTER X KB 748 O	J26673 FO OSBORNE WF	Pilot	1705	2330	Target OBERHAUSEN with bombload same as "A". Primary at 2035.7 hrs from 19,000ft. 6/10ths broken cloud 9-10,000 ft. Target ident. by red, yellow and green flares. Bombed yellow. PFF good. Many small fires and explosions in T/A.	A.2814
1st November	LANCASTER X KB 765 Q	J24972 FO ERRINGTON LE	Pilot	1647	2308	Target OBERHAUSEN with bombload same as "A". Primary at 2032.5 hrs from 19,500 ft. Weather clear. Target ident. by red, yellow and green flares. Bombed red flares. Incendiaries burning and PFF scattered. One large red explosion reflected on cloud could be seen two mins. after leaving target.	A.2815
1st November	LANCASTER X KB 746 S	J7456 FL CAMERON WC	Pilot	1658	2316	Target OBERHAUSEN with bombload same as "A". Primary at 2036 hrs from 20,000 ft. Thin hazy cloud, tops 10 to 12,000ft. Target ident. by red, yellow and green flares. Bombed centre of greens. Red, yellow and green flares seen on run-up well concentrated. Many fires well concentrated in area of $\frac{1}{2}$ a square mile. Attack good.	A.2816
1st November	LANCASTER X KB 715 T	J88518 FO WESTON AC	Pilot	1656	2313	Target OBERHAUSEN with bombload same as "A". Primary at 2032.5 hrs from 20,000ft. Thin hazy cloud 5/6,000 ft. Target ident. by red and yellow flares. Bombed same. A few fires seen. Incendiaries among fires. Large orange explosion in centre of fires.	A.2817
1st November	LANCASTER X KB 767 U	J26413 FO COX RL	Pilot	1701		Target OBERHAUSEN with bombload same as "A". Primary at 2035.2 hrs from 20500 ft. 7/10ths cloud tops 9/10,000ft. Target identified by red, green and yellow flares. Bombed centre of red flares. Markers well concentrated, could see through breaks in cloud many incendiaries and large fires all over area. B/W190 attacked at approx. 5121N 0550E 204.2 hrs 15000ft. Fuselage tail unit stbd. elevator riddled by cannon and machine gun fire. Fire in stbd. wing root, inter-com, hydraulics and pneumatics damaged. D/R compass and H2S and port inner u/s, both types hit by heavy flak. H2S upper turret at OBERHAUSEN 2035 hrs 20500ft. Crossed Belgian coast at approx. 5122N 0360E out over North Sea stbd. inner went u/s and A/C fell into spiral dives twice down to 1500 ft. Headed back to BELGIAN COAST and followed it there. Put port inner back in to get instruments and headed for England. Landing at Manston. Navigator injured - exact route unknown.	A.2818

R.G.

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FOR THE MONTH OF NOVEMBER 1944

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
(CONT'D) 1st November	LANCASTER X KB 767 U	J26413 FO COX RL	Pilot	1701		W/C, W/Op and Navigator injured. Fires in A/C put out by Rev. and W/Op despite injuries and both of them returned to their jobs and helped bring the A/C back. A/C riddled - a complete wreck. A/C landed at MANSOUR.	
1st November	LANCASTER X KB 752 V	J88129 FO MARTIN HW	Pilot	1653	2339	Target OBERHAUSEN with bombload same as "A". Primary at 2032 hrs from 19,000 ft. 2 to 3/10ths cloud, tops 8000 ft. Target ident. by red and yellow flares. Bombed red flares. Fires just starting as A/C bombed. Incend. lighting up the buildings.	A.2819
1st November	LANCASTER X KB 732 X	J25474 FO GRIFFITH ED	Pilot	1649	2325	Target OBERHAUSEN with bombload same as "A". Primary at 2036.5 hrs from 19,000ft. 8 to 9/10ths cloud tops 9,000 ft. Target identified by red, yellow and green flares. Bombed centre of 8 greens. Many fires seen burning in built up area. Target marking seemed quite good. Dummy TT's orange - red and dull green to show on route out. 5132N 0612E. Gork crossed before bombing 1/2 mins. and bombed at 19,000ft. instead of 19,500 ft. Flak at 20,000ft. before target. One engine conked over 4000 and landed on tarmac.	A.2820
1st November	LANCASTER X KB 785 Y	J18502 FO BOWMAN LE	Pilot	1659	2254	Target OBERHAUSEN with bombload same as "A". Primary at 2053.5 hrs from 20,000ft. 7 to 8/10ths thin cloud, tops 7,000ft. Bombed centre of red flares. Red and yellow flares well concentrated but greens 5 miles to SE. Large solid area of fire glow seen on cloud. Early on target due to sudden change in winds.	A.2821
1st November	LANCASTER X KB 700 Z	J37102 FO VAINS BR	Pilot	1706	2240	Target OBERHAUSEN with bombload same as "A". Primary at 2034 hrs from 20,000 ft. 9 to 10/10ths cloud 7-8,000 ft. vis good. Target ident. by red, yellow and green flares, and by fires. Bombed centre of reds and yellow. Red flares well concentrated and many well concentrated fires seen in T/A. Two H.E. bombs seen exploding in incendiaries. Tremendous explosion seen to port and slightly ahead 2-3 miles distant - 5037N 0625E 204.2 hrs 16,000 ft.	A.2822
1st November	LANCASTER X KB 744 (NA) 3 (426)	FL WARNER AGR	Pilot	1700	2514	Target OBERHAUSEN with bombload same as "A". Primary at 2035.7 hrs from 19,000ft 5 to 6/10ths cloud, tops 7,000ft. Target ident. by red, yellow and green flares. Bombed between two reds. TT's scattered. Saw streets running parallel to bomb run. Many good fires in built up area. One large building to N.W. of town seemed to blow up. Could not reach bombing height due to sluggishness.	A.2823

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
2nd November	LANCASTER X KB 722 A	J26810 FL HELL JED	Pilot	1558	2205	Target DUSSELDORF with 1 x 4000lb H ₂ O. H.I. 14 x No. 14 Clusters. Primary at 1935.5 hrs from 21,000ft. Weather clear, but slight haze. Target ident. visually, T.I.s and flares. Bombed T.I.s. EFF concentrated. Very good attack.	A.2824
2nd November	LANCASTER X KB 779 B	J9173 FL GAVE HEM	Pilot	1552	2206	Target DUSSELDORF with bombload same as "A". Primary at 1935.7 hrs from 20,500ft. Weather clear, good vis. Target ident. by bend-in-river- and T.I.s. Bombed centre of T.I.s. Whole T/A was ablaze. Successful attack.	A.2825
2nd November	LANCASTER X KB 738 D	J17469 FO HOW FW	Pilot	1608	2207	Target DUSSELDORF with bombload same as "A". Primary at 1935.7 hrs from 20,000ft. Weather clear over target with slight haze. Target ident. by T.I.s. Bombed centre of T.I.s. Target all ablaze and bags of explosions, dense smoke over whole area.	A.2826
2nd November	LANCASTER X KB 721 E	J29884 FO BLANKY LA	Pilot	1547	2232	Target DUSSELDORF with bombload same as "A". Primary at 1935.7 hrs from 19500 ft. Weather clear vis good. Target ident. by T.I.s and flares. Bombed centre of markers. Solid mass of fires surrounded the markers. Target well pranged.	A.2827
2nd November	LANCASTER X KB 733 G	J10761 FL COLLARD HW	Pilot	1546	2243	Target DUSSELDORF with bombload same as "A". Primary at 1934.9 hrs from 19000ft. Weather clear. Bombed T.I. in centre of fires. Whole target area afire. Bomb explosions in midst of fires. Good attack.	A.2828
2nd November	LANCASTER X KB 769 I	J88129 FO MARTIN HW	Pilot	1605	2249	Target DUSSELDORF with bombload same as "A". Primary at 1935 hrs. from 18500 ft. Vis. no cloud. Ident. by markers and bend in river. Bombed on centre of Red T.I.s. All T/A burning well. EFF were concentrated. Dusseldorf should be finished.	A.2829
2nd November	LANCASTER X KB 762 J	J27874 FO TREFORD GO	Pilot	1548	2236	Target DUSSELDORF with bombload same as "A". Primary at 1934.5 hrs from 18000ft. Weather clear, good vis. Bombed T.I.s. The attack was really well concentrated. Bags of fire and smoke in the whole area. Small hole in fin and rudder also stbd wing tip from heavy flares.	A.2830
2nd November	LANCASTER X KB 797 K	J10572 FL SWARZE RW	Pilot	1550	2211	Target DUSSELDORF with bombload same as "A". Primary at 1934 hrs from 21000ft. Weather clear. Target ident. visually, and by flares. Bombed visually. S/W corner of target a great pall of smoke. One large explosion seen. Whole target ablaze.	A.2831
2nd November	LANCASTER X KB 787 M	J37355 FO BRUDERS BM	Pilot	1556	2200	Target DUSSELDORF with bombload same as "A". Primary through slight haze at 1936.2 hrs from 19000ft. Bombed centre of T.I.s. Whole T/A covered with fires and smoke. Explosions amidst of them. Excellent attack.	A.2832

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11-1942-25111 WL 2222-1121 706 843 T.S. 706

FOR THE MONTH OF NOVEMBER 1944

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
2nd November	LANCASTER X KB 750 Y	J7456 FL CAMERON WO	Pilot	1617	2240	Target DUSSELDORF with bombload same as "A". Primary through clear weather & 10th cloud at 1957.5 hrs from 21,000 ft. Bombed T/A's. Whole area ablaze. Good attack.	A.2833
2nd November	LANCASTER X KB 748 O	J26673 FO OSBORNE WV	Pilot	1610	2223	Target DUSSELDORF with bombload same as "A". Primary at 1936.4 hrs from 20,500 ft. Weather clear but hazy. Target ident. visually and by T/A's. Bombed T/A's. Few small fires in T/A.	A.2834
2nd November	LANCASTER X KB 765 Q	J24972 FO BRITTINGTON JE	Pilot	1605	2209	Target DUSSELDORF with bombload same as "A". Primary in clear weather at 1936.2 hrs from 2000ft. Bombed centre of T/A's. Very large area of fires in T/A. Three large explosions and one very large one. H2S u/s at times. Very good attack.	A.2835
2nd November	LANCASTER X KB 772 R	J57102 FO VANCE NR	Pilot	1642	2208	Target DUSSELDORF with bombload same as "A". Primary through 2/10ths cloud tops 7000ft. on centre of T/A's at 1937 hrs from 20,000ft. Whole T/A mass of flames. Numerous holes from heavy flak in fuselage and wings. Excellent attack.	A.2836
2nd November	LANCASTER X KB 746 S	J25383 FO SHERMAN GL	Pilot	1554	2231	Target DUSSELDORF with bombload same as "A". Primary in clear weather on T/A's at 1938 hrs from 19500 ft. Large explosion seen in T/A. M/U turret u/s. T/A's well placed. Attack seemed to be successful.	A.2837
2nd November	LANCASTER X KB 715 T	J12477 FL WARDER AGR	Pilot	1615	2225	Target DUSSELDORF with bombload same as "A". Bombed primary through clear weather on centre of fires at 1935.1 hrs from 19000ft. A mass of small fires covered the T/A. Well concentrated attack.	A.2838
2nd November	LANCASTER X KB 752 V	J27527 FO BEGG GHE	Pilot	1613	2248	Target DUSSELDORF with bombload same as "A". Bombed primary through clear weather on T/A's at 1937.3 hrs from 18,500 ft. T/A was a mass of flames and one large explosion seen. Good attack.	A.2839
2nd November	LANCASTER X KB 785 Y	J85770 FO MANSFIELD RG	Pilot	1601	2235	Target DUSSELDORF with bombload same as "A". Bombed primary through clear weather on T/A's at 1937 hrs from 18,000ft. The T/A was well alight. Bombing well concentrated. Should be a good attack.	A.2840
4th November	LANCASTER X KB 722 A	J9173 FL GAVE HM	Pilot	1701	2238	Target BOCHUM with 1 x 4000lb HD/NI and 14 x No. 14 Mk. 1 Cluster, No. 42 Fuse, G/20 Capsule. Primary at 1942.9 hrs from 18500ft. Clear - vis good. Ident. by red and green T/A's. Bombed centre of fires. Whole T/A a mass of flames - very good attack.	A.2841

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
4th November	LANCASTER I KB 779 E	J35632 FO SMALLEY WR	Pilot	1658	2319	Target BOCHUM with bombload same as "A". Primary at 1942.9 hrs from 18500 ft. Clear - via good. Ident. by red and green T.I.'s - bombed centre of fires. Whole T/A a mass of flames - very good attack.	A-2842
4th November	LANCASTER I KB 738 D	J27874 FO TEDFORD GO	Pilot	1719	2244	Target BOCHUM with bombload same as "A". Primary at 1942 hrs. from 17500 ft. 2/10ths thin cloud tops 3/4000 ft. Ident. by flames green with red stars and red and green T.I.'s. Bombed centre of green T.I.'s. Attack well concentrated with large solid area of fire and haze of smoke.	A-2843
4th November	LANCASTER I KB 733 G	J10761 FL COLLARD HW	Pilot	1709	2303	Target BOCHUM with bombload same as "A". Primary at 1943.1 hrs from 16500 ft. 2/10ths broken cloud tops 3000ft - vis. good. Ident. by red and green T.I.'s. Bombed centre of green T.I.'s in fires. T.I.'s fairly well concentrated - whole T/A a mass of flames. Considerable smoke and bomb bursts seen in fires. Bang on prang.	A-2844
4th November	LANCASTER I KB 761 H	J37355 FO BROOKS BM	Pilot	1717	2258	Target BOCHUM with bombload same as "A". Primary at 1943 hrs from 18500 ft. Very hazy and smoky. Ident. by red and green T.I.'s about 1925 hrs. Bombed centre of green T.I.'s. Marking excellent - right in centre of fires. Whole area ablaze, numerous explosions. Most of flak being fired into S/L comes above us but loose barrage below. Fighter flares seen on the way in near the Hague and then again from BOCHUM till well past AACHEN and on the Southern leg. Considered a good attack.	A-2845
4th November	LANCASTER I KB 769 I	J23026 FO DAWSON FG	Pilot	1703	2301	Target BOCHUM with bombload same as "A". Primary at 1942.5 hrs from 17700 ft. Vis. clear with some smoke. Ident. by red and green T.I.'s. Bombed red T.I.'s. EFF bang on and considered a very good prang. One very large explosion in SE corner of T/A - many small fires and explosions. Dozens of navigation lights on almost to the Dutch Coast.	A-2846
4th November	LANCASTER I KB 797 K	J26673 FO OSBOURNE WF	Pilot	1730	2252	Target BOCHUM with bombload same as "A". Primary at 1943 hrs from 18000ft. Some cloud in T/A which was ident. by Red and Green T.I.'s. Bombed centre of Red T.I.'s. Attack was well concentrated and should be successful if PFF accurate.	A-2847
4th November	LANCASTER I KB 787 M	J10572 FL SWARTZ HW	Pilot	1711	2232	Target BOCHUM with bombload same as "A". Primary at 1943.3 hrs from 16500 ft. Weather clear but smoky in T/A. Green markers and smoke identified target. Bombed centre of smoke since markers had burnt out. A/F appeared well placed. Large vivid explosion seen in middle of smoke area at 1943 hrs. Should be an excellent attack.	A-2848

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(11246-2511) WL 2222-2124 700 842 T/A 700
(11249-2511) WL 4489-2284 1200 114 T/A 700

FOR THE MONTH OF NOVEMBER 1944.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
4th November	LANCASTER X KB 750 N	J7456 FL CAMERON WC	Pilot	1707	2254	Target BOCHUM with bombload same as "A". Primary at 1944 hrs from 18500 ft. Target ident. by Red and Green T/T's and sky marking. Bombed concentration of Red and Green T/T's. Concentrated attack with PFF well on. Lots of small fires and smoke. An area 1/2 mile square seen to be burning fiercely. Good attack.	A.2849
4th November	LANCASTER X KB 765 Q	J24972 FO HERRINGTON JE	Pilot	1735	2236	Target BOCHUM with bombload same as "A". Primary at 1943.6 hrs from 17500 ft. 6-7/10th cloud in T/A. Red and Green T/T's identified target at 1925 hrs. Bombed fires as no T/T's were visible at time of bombing. Appeared to be a good prong - solid mass of fires with two or three explosions seen. Many S/L's working in comms. Good attack.	A.2850
4th November	LANCASTER X KB 746 S	J85770 FO MANSFIELD RG	Pilot	1725	2308	Target BOCHUM with bombload same as "A". Primary at 1943.5 hrs from 17000 ft. Vis good. Target ident. by both sky and ground marking. Bombed centre of Red T/T's. Markers and fires both well concentrated. Smoke to 6000.	A.2851
4th November	LANCASTER X KB 745 T	J57102 FO VAINE NR	Pilot	1716	2246	Target BOCHUM with bombload same as "A". Primary at 1944 hrs from 16500 ft. 3/10th cloud in T/A. Target ident. by both sky and ground marking. Bombed centre of Red T/T's. Markers and bombing well concentrated. One large area of fires burning. Very good attack.	A.2852
4th November	LANCASTER X KB 752 V	J27527 FO HEGG GHK	Pilot	1726	2338	Target BOCHUM with bombload same as "A". Primary at 1942.5 hrs from 18500 ft. Vis good and clear. Green T/T's ident. target. Bombed centre of Green T/T's which were well concentrated. T/A a solid mass of flames. One huge explosion seen at 1942.5 hrs. Good attack.	A.2853
4th November	LANCASTER X KB 785 Y	J29220 FO MOWGAR RA	Pilot	1656	2243	Target BOCHUM with bombload same as "A". Primary at 1942.5 hrs from 17500 ft. THIN cloud with no haze in T/A. Target ident. by both ground and sky marking. Bombed Red T/T's. PFF good. Three large explosions seen. Black smoke covered the T/A. Should be a good attack.	A.2854
4th November	LANCASTER X KB 700 Z	J12477 FL WARDER AGR	Pilot	1655	2253	Target BOCHUM with bombload same as "A". Primary at 1942.7 hrs from 16500 ft. Good vis. Target ident. by Red and Green T/T's. Bombed between two Green T/T's. Green T/T's appeared to be in two places - one well away from T/A. Large ex fires covered an area 2 miles square. One large explosion seen at 1944 hrs. Excellent attack.	A.2855

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
4th November	LANCASTER X KB 721 E	J2988A, PO HANNEY LA	Pilot	1718	2132	Target BOCHUM with bombload same as "A". (Fourth wave) Visibility good. Ident. target by red and green T1's and bombed centre of greens at 1943.1 hrs from 17000 ft. Fires were burning in the T/A but were attacked by a fighter so did not look very close at target. Holes in stbd. tail elevator, stbd. rudder and flap, stbd. mainplane and rear turret. Attacked by Me109 and Me110 over target and Rear Gunner wounded. A/C landed at WOODBRIDGE.	A.2856
6th November	LANCASTER X KB 722 A	J9175, FL GAVE HM	Pilot	1126	1649	Target GELSENKIRCHEN with 1 x 4000lb HD.MI. and 6 x 1000 MG TD.025 and 6 x 500 MG TD.025. Primary 1411.6 hrs 19000ft. 10/10ths cloud tops 10000ft. Ident. target by built-up area through break in cloud. Bombed built-up area. Ordered to bomb built-up area by MB. Bombed through break in cloud. Position estimate about three miles short of A/P on track. Attack thought scattered. Bomber stream also scattered.	A.2857
6th November	LANCASTER X KB 738 D	J86975, PO WILLIAMS ODF	Pilot	1145	1717	Target GELSENKIRCHEN with bombload same as "A". Bombed primary from 20000ft at 1412.5 hrs. Fitchy cloud 7/10ths to clear. Ident. target by ETA and smoke M/B gave second hand bombed built up area - lots of smoke coming from it. Dense black smoke from area. No T1's seen. Attack scattered all over area.	A.2858
6th November	LANCASTER X KB 733 G	J10761, FL COLLARD HF	Pilot	1139	1710	Target GELSENKIRCHEN with bombload same as "A". Bombed primary from 20900ft at 1412. through 3/10ths broken cloud tops about 7000ft. Bombed on Goe. M/B gave second hand instructions. Saw built up area burning after a/c had bombed. Very scattered.	A.2859
6th November	LANCASTER X KB 761 H	J27355, PO BRIVNE RM	Pilot	1141	1703	Target GELSENKIRCHEN with bombload same as "A". Bombed primary at 1413.2 hrs from 19000 ft. through 10/10th broken cloud ground base tops to 10,000ft. Ident. target by smoke. Overshot on the Western edge of the smoke. M/B gave second hand. Several small fires and lots of smoke in T/A. Unable to assess whole attack owing to cloud.	A.2860
6th November	LANCASTER X KB 769 I	J23026, PO DAWSON FG	Pilot	1125	1701	Target GELSENKIRCHEN with bombload same as "A". Bombed primary at 1411 hrs from 19500ft. through 7-8/10ths broken cloud tops 11-12000ft. Ident. target by smoke. Through a break in cloud saw open fields. Bombed concentration of smoke. Unable to see any effects of the raid due to cloud.	A.2861
6th November	LANCASTER X KB 762 J	J27874, PO TEDFORD GO	Pilot	1130	1705	Target GELSENKIRCHEN with 1x4000lb HD.MI and 6 x 1000 MG TD.025 and 6 x 500 lb MG TD.025. Bombed primary at 1411 hrs from 20,000ft. 9/10th cloud 10,000ft. vis good. Built up area seen - gee fix just short of target. Bombed built up area, orders from MB. Thought to be short of A/P. Considerable amount of bombing going on in same area - mostly open country. Scattered attack - short of target.	A.2862

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(1176-521) Wt. 2800-114 Tom 843 T.S. 700
(1179-521) Wt. 4000-134 Tom 114 T.S. 700

FOR THE MONTH OF NOVEMBER 1944

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
6th November	LANCASTER X KB 797 K	J10572 FL SWARTZ BW	Pilot	1132	1644	Target GELSENKIRCHEN with 1 x 4000lb HC.NI, 1x 1000 ANM 59 TD.025 5 x 1000 MC TD.025 and 6 x 500 MC TD.025. Bombed primary at 1412.3 hrs from 20500 ft. 7/10 streets cu and cu 8-9000 vis good. Built up area seen with fires and smoke. Bombed a large fire in the midst of the smoke - No TI visible. An area of concentrated fires with much smoke thought to be East of A/P. 2 large red explosions with black smoke seen in midst of fires.	A.2863
6th November	LANCASTER X KB 787 M	J85134 FL TRES JF	Pilot	1134	1740	Target GELSENKIRCHEN with bombload same as "A". Bombed primary at 1412.7 hrs from 21000ft through 8/10ths cloud tops 10,000ft. Marshalling yards seen through breaks in cloud. Bombed yards. MB heard to order bombing of any built up area. Good concentration of bombing at spot a/c bombed.	A.2864
6th November	LANCASTER X KB 750 N	J7456 FL CAMERON WC	Pilot	1153	1632	Target GELSENKIRCHEN with bombload same as "A". Bombed primary at 1412 hrs from 19000ft. 10/10ths cloud tops 12000 ft. clear, vis. good. Ident. target by red TIs and smoke. Overshot reds by 150 yds and bombed smoke. Received order from MB to bomb any built up area. Could see markers just over edge of cloud in the smoke from previous bombing. Very little ground detail but could see attack was on a built up area. If markers right, should be a good attack.	A.2865
6th NOVEMBER	LANCASTER X KB 748 O	J26673 FO OSBOEN WV	Pilot	1154	1723	Target GELSENKIRCHEN with bombload same as "A". Bombed 5135N 0715E at 1413.7 hrs from 10,000 ft. 5/10ths broken cloud tops 12,000ft. vis good. Ident. target visually and Marshalling yard. Several sticks of bombs in this area MB had given second hand and there was cloud over the target so a/c bombed a marshalling yard visually.	A.2866
6th November	LANCASTER X KB 765 Q	J26972 FO BRIDGEMAN JE	Pilot	1152	1647	Target GELSENKIRCHEN with bombload same as "A". Bombed primary at 1413.1 hrs from 21000ft; 7/10ths tops 11000ft - heavy. MB gave second hand. Bombed on sea fire. B/A saw an explosion on the ground. To the N of the A/P there was a large explosion with smoke coming from it. No results seen on A/P.	A.2867
6th November	LANCASTER X KB 746 S	J25399 FL ANDERSON JA	Pilot	1143	1651	Target GELSENKIRCHEN with bombload same as "A". Bombed primary at 1413.5 hrs from 19000 ft. 7/10ths cloud tops 12,000 ft. Target ident. by built up area. Did not hear the MB. Saw TIs all over open country. Bombed a factory and saw one bomb explode in the buildings. The R/B saw the factory burning with black smoke coming from it as a/c left. The attack on the whole was all over the place. The factory a/c bombed should be written off.	A.2868
6th November	LANCASTER X KB 715 T	J57102 FO VAINE NR	Pilot	1150	1657	Target GELSENKIRCHEN with 1x4000lb HC.NI, 6x1000lb ANM 68 and 6 x 500 MC TD.025. Bombed primary at 1412.5 hrs from 19,500 ft. 7-8/10th cloud 10-12000ft vis good. Ident. target visually and built up area seen burning. Bombed fires and smoke in built up area on directions from MB. No TI seen. Attack scattered.	A.2869

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
6th November	LANCASTER X KB 752 V	J85770 PO MANSFIELD RG	Pilot	1155	1708	Target GELSENKIRCHEN with bombload same as "A". Bombed primary at 1425.5 hrs from 20,000ft. 8/10ths cloud up to 10,000 ft. Saw factory chimneys. Bombed factory on last resort on instructions from MB. There was several sticks laid right across factory a/c picked.	A.2870
6th November	LANCASTER X KB 785 Y	J16953 FL BARLOW JP	Pilot	1202	1711	Target GELSENKIRCHEN with bombload same as "A". Bombed primary at 1415.5 hrs from 21,000ft. 8/10ths cloud up to 10,000 ft. Saw factory after a/c crossed canal. Bombed factory. T1's seen too late under cloud. Bombing very scattered.	A.2871
6th November	LANCASTER X KB 790 Z	J12477 FL WARDER AGR	Pilot	1151	1653	Target GELSENKIRCHEN with bombload same as "X" "J" "B". Bombed primary at 1412.5 hrs from 21,000ft. Clear some ground here. Bombed near edge of smoke. Whole area covered with smoke. Looked like a concentrated attack. Could not hear MB. As smoke blew away could see part of the town burning.	A.2872
16th November	LANCASTER X KB 722 A	J10761 FL COLLARD HW	Pilot	1235	1816	Target JULICH with 1st 000 lb HC-NI; 6x1000lb ANM 59 TD. 025 and 6x5000lb MC. Primary at 1538.7 hrs from 15000 ft. 3/10ths cloud tops 5-7000 ft. Some haze and smoke. Ident. by green T1s and visually. Ovsrshot green T1s by 3 sec. as per MB. 2/4 area well covered by smoke and bombing very well concentrated - should be a good attack.	A.2873
16th November	LANCASTER X KB 779 B	J85134 FL TREES JP	Pilot	1223	1728	Target JULICH with bombload same as "A". Primary at 1538.1 hrs from 16000 ft. Weather clear but 10/10ths cloud on way in. Identified by red markers dead in middle of built up area. River identified. Bombed part of red T1s as per MB. Really good prang - area to port of T1s being well plastered - no stray sticks.	A.2874
16th November	LANCASTER X KB 738 D	J17469 PO HOW FW	Pilot	1227	1823	Target JULICH with bombload same as "A". Abortive O.B.T. 7/10ths cloud tops 10-12000ft vis poor. Target ident. by red T1s at 1543 hrs. MB heard but very poorly. By the time a/c saw T1s, which were under cloud, would have been too late to do an orbit. Heavy smoke covered 2/4. Jettisoned 2x1000lb ANM 59 TD.025 at 513N 0310E at 1623 hrs from 17,000 ft safe. Brought back 1st 000lb HC NI; 4x1000 lb ANM 59 TD.025, 6x500 lb MC TD.025.	A.2875
16th November	LANCASTER X KB 804 E	J16953 FL BARLOW JP	Pilot	1242	1827	Target JULICH with bombload same as "A". Primary at 1545 hrs from 15000ft. Weather clear. Ident. visually and by red T1s and smoke. No MB heard - centre of area pinpointed on first run-up. This A/C was doing a line overlap and orbiting to be sure of his position. Concentrated bombing - lots of smoke. Attack should prove entirely successful.	A.2876

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FORM 541

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(1294-521) WL 4249-521 Form 541 T.S. 798
(1299-521) WL 4249-521 Form 541 T.S. 798

FOR THE MONTH OF NOVEMBER 1944.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCE
				Up	Down		
16th November	LANCASTER X KB 761 H	J27355 FO BRUDS EM	Pilot	1240	1809	Target JULICH with 1 x 4000 lb HC HI. 6 x 1000lb MC TD. 025. and 6 x 500 lb MC TD. 025. Primary at 1538.4 hrs from 16900 ft. Weather clear but some ground haze and smoke. Target ident. visually by fires and road, streams, and edge of woods. Bombed outskirts of upwind edge of smoke and built up area. M.B. order to ignore red T's with yellow over them and bomb Pickwick. Explosions of 4000 lb bombs seen. Attack concentrated and should be good.	A.2877
16th November	LANCASTER X KB 769 I	J27874 FO TEDFORD GO	Pilot	1246	1807	Target JULICH with bombload same as "A". Primary at 1538.2 hrs from 16000 ft. Weather 3/10ths cloud up to 8000 ft. Target ident. red and green T's and a visual of roads and built up area. Bombed edge of smoke as instructed by M.B. Excellent concentration of bombing and no stray sticks.	A.2878
16th November	LANCASTER X KB 762 J	J2476 FL BLACK GE	Pilot	1225	1814	Target JULICH with bombload same as "A". Primary at 1545 hrs from 16500 ft. Weather clear over target but hazy. Target ident. by pinpoint of fire. Bombed edge of smoke on M.B.'s instruction. Smoke completely covered town up to 8000 ft. Cookies seen to explode. Jettisoned 1 x 1000 lb MC TD. 025 at 520M 0300E (Safe) Release slips on bomb carriers frozen. Pilot states that there was a very good concentration.	A.2879
16th November	LANCASTER X KB 755 L	J20229 FO ADAM RF	Pilot	1229	1822	Target JULICH with bombload same as "A". Primary at 1539.4 hrs from 17000 ft. Weather clear but hazy. Target ident. visually by smoke, bomb-bursts, and roads. Gee checks. Bombed smoke as instructed by M.B. Seemed fairly well concentrated.	A.2880
16th November	LANCASTER X KB 750 M	J25399 FL ANDERSON JA	Pilot	1233	1802	Target JULICH with bombload same as "A". Primary at 1538.3 hrs from 15000 ft. Weather clear over target, but some ground haze. Ident. by T's and visually. Bombed on Gee; arc of markers and big column of smoke. Cookies seen burning. Good fires caused smoke up to 6000 ft. A good bang - good concentration.	A.2881
16th November	LANCASTER X KB 748 O	J85770 FO MANSFIELD RG	Pilot	1252	1820	Target JULICH with bombload same as "A". Primary at 1541.1 hrs from 16000 ft. 8/10ths cloud but a break over the target. Identified target by red T's, visually and on Gee. Bombed on W. side of river on red T's with 5 second overshoot. Village invisible, covered with brown smoke - bomb bursts well concentrated in it.	A.2882
16th November	LANCASTER X KB 765 Q	J24972 FO HERRINGTON JE	Pilot	1250	1740	Target JULICH with bombload same as "H". Primary at 1532.2 hrs from 17000 ft. Weather clear over the target. Target ident. by red T's. Bombed centre of concentration of red T's and fires. M.B. not heard. Line of fires looked like strokes. Bombing well concentrated.	A.2883

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCE
				Up	Down		
16th November	LANCASTER X KB 746 S	J25383 FO SHEAHAN GL	Pilot	1244	1742	Target JULICH with bombload same as "F". Primary at 1538 hrs from 15000 ft. 2/10ths cloud, tops 8-10000 ft. Very hazy. Target ident. by visual of built up area and red T's. Bombed red T's. M.B. not heard. Very well concentrated. 15 a/c all round us and everyone dropped bombs together. No indication of scattered bombing.	A.2884
16th November	LANCASTER X KB 725 D	J88318 FO WESTON AC	Pilot	1238	1805	Target JULICH with bombload same as "A". Primary at 1536.5 hrs from 15,500 ft. Weather clear with some ground haze. Ident. target by markers and ground detail. Bombed concentration of red and green T's on instructions of MB. Very concentrated attack. T/A covered with brown smoke. No indication of any undershooting.	A.2885
16th November	LANCASTER X KB 799 Y	J37102 FO VANCE NR	Pilot	1231	1755	Target JULICH with bombload same as "A". Primary at 1539 hrs from 16000 ft. Vis good, 3/10 cloud with some haze in T/A. Target ident. visually and by Green T's. Bombed estimated centre of village visually. Bombing well concentrated. 2/3 of village enveloped in brown smoke. 1 x 1000 lb bomb jettisoned safe, 5130F 0510E, 1624.5 hrs, 16,000 ft.	A.2886
16th November	LANCASTER X KB 785 Y	J15819 FL BISHOP AA	Pilot	1246	1811	Target JULICH with bombload same as "A". Primary at 1538.5 hrs from 16500 ft. Weather clear but a little hazy in T/A. Red T's and smoke identified target. Bombed the smoke, which completely covered the T/A. 1 x 1000 lb bomb fell off when it hit slip stream - 5057N 0622E, 1539.5 hrs, 16500 ft.	A.2887
18th November	LANCASTER X KB 779 B	J9173 FL GAVE HW	Pilot	1200	1829	Target MÜNSTER with 1 x 4000 lb HD Anstalt, and 16 x 500 lb MC TD.025. Primary at 1501.5 hrs from 18,000 ft. 10/10ths cloud, vis good. Target ident. by red sky markers and sea. Bombed centre of red markers. A cluster of green sky markers seen about 1/2 mile to stbd. 5 or 6 other A/C bombed same markers as ourselves. Stbd. outer went 1/4 over target after bombing.	A.2888
18th November	LANCASTER X KB 738 D	J17469 FO HOW FW	Pilot	1158	1814	Target MÜNSTER with bombload same as "F". Primary at 1501 hrs from 17,500 ft. 10/10ths cloud, tops 10-12,000 ft. Target ident. by green sky markers. Bombed green sky markers. Bombed Marking scattered, three separate groups of green flames. Were near the first to bomb and did not observe a concentration of bombing.	A.2889
18th November	LANCASTER X KB 755 G	J90515 FO McDONALD LH	Pilot	1219	1806	Target MÜNSTER with bombload same as "F". Primary at 1503 hrs from 17,000 ft. 10/10ths cloud, 10-12000 ft. vis good. Target ident. by green and red sky markers. Sea and fire. Bombed centre of reds concentration. Flames red and green in about 3 lots about 2 miles apart. Unable to assess attack.	A.2890

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(71246-0211) W. 1000-1104 700 813 712 700
(71250-0211) W. 1000-1104 1200 814 712 700

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
18th November	LANCASTER X KB 769 I	FO WILLIAMS CUF	Pilot	1220	1830	Target MUNSTER with bombload same as "B". Primary at 1501.8 hrs from 16,500 ft. 10/10ths cloud, 10-12,000 ft. vis good. Target ident. by red and green sky markers clustered together. Bombed red and green markers. MGs heard ordering to bomb sky markers. Markers very scattered.	A.2891
18th November	LANCASTER X KB 762 J	WG HAGEMAN DC	Pilot	1229	1842	Target MUNSTER with bombload same as "B". Primary at 1502 hrs from 16000 ft. 10/10ths cloud tops 8-10,000 ft. clear horizontally. Target ident. by red and green flares. Bombed green flares - FFF late and very scattered - wasted effort.	A.2892
18th November	LANCASTER X KB 797 K	FL BARROW DP	Pilot	1202	1840	Target MUNSTER with bombload same as "B". Primary at 1500.5 hrs from 18000 ft. 10/10ths cloud tops 8-10,000'. Target ident. by red flares and Gee fix. Bombed on smoke from red flares which had gone out. Gee fix gave position as clear zone. Marking was very scattered - had to orbit on that account. Stream was scattered, so was attack. A/C landed at CHARTER HALL.	A.2893
18th November	LANCASTER X KB 755 L	FO ADMIRAL	Pilot	1212	1743	Target MUNSTER with bombload same as "B". Primary at 1502.5 hrs from 17000 ft. 10/10ths cloud tops 10,000'. Ident. by red and green flares. Bombed centre of red flange flares as per MB. Impossible to judge results due to cloud.	A.2894
18th November	LANCASTER X KB 748 O	FO VANCE NR	Pilot	1223	1752	Target MUNSTER with bombload same as "B". Primary at 1501.4 hrs from 17500 ft. 10/10ths cloud tops to 9,000 ft. Target ident. by red and green sky markers. Bombed green sky markers. Unable to assess results due to cloud.	A.2895
18th November	LANCASTER X KB 786 P	FL COLLARD HW	Pilot	1221	1807	Target MUNSTER with bombload same as "B". Primary at 1501.5 hrs from 16400 ft. 10/10ths cloud to 7000ft. Ident. target by green and red flares and bombed the latter. Red flares were right on, according to Gee fix. Should be concentrated attack.	A.2896
18th November	LANCASTER X KB 765 Q	FO TRUFORD GO	Pilot	1208	1751	Target MUNSTER with 14,000 lb. HD. Hinc. and 16 x 500lb MG TD-025. Primary at 1502.5 hrs from 17,500 ft. 10/10ths cloud up to 12,000 ft. Target ident. by red sky markers. Bombed red sky markers. Bombing well concentrated on markers. No other results observed due to cloud.	A.2897
18th November	LANCASTER X KB 746 S	FO SERRAN GL	Pilot	1210	1741	Target MUNSTER with 1 x 4000 lb. HD. Hinc. and 16 x 500 lb MG TD-025. Primary at 1500.5 hrs from 17000ft. 10/10ths cloud tops 12,000ft. Vis good. Target ident. by green sky flares. Bombed flares. FFF scattered. Fishpond caught fire on way out of target.	A.2898

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
18th November	LANCASTER X KB 715 T	J88318 PO WESTON AC	Pilot	1243	1813	Target MUNSTER with bombload same as "G". Primary through 10/16ths cloud with 8000 ft tops at 1505 hrs from 15,000ft. Target ident. by sky markers. Bombed flares. Marking was late and scattered. M.S. very clear.	A.2899
18th November	LANCASTER X KB 752 Y	J29220 PO MCVICAR RA	Pilot	1224	1818	Target MUNSTER with bombload same as "B". Primary through 10/10ths cloud tops 9/10000ft at 1501.5 hrs from 16,000 ft. Target ident. by flares. Bombed centre of flares. A/G very concentrated. Marking scattered.	A.2900
18th November	LANCASTER X KB 752 Y	J37355 PO BRUDEN BM	Pilot	1206	1750	Target MUNSTER with bombload same as "B". Primary through 10/10ths cloud tops 10,000 ft. at 1501.5 hrs. from 16,500 ft. Target ident. by sky flares. Bombed flares. P.P. accurate. If flares were on good attack.	A.2901
18th November	LANCASTER X KB 785 Y	J12477 PL WARDER AGR	Pilot	1204	1759	Target MUNSTER with bombload same as "Q". Primary through 10/10ths cloud up to 10,000 ft. at 1501.4 hrs from 18000 ft. Target ident. by flares. Bombed centre of flares. Very scattered attack.	A.2902
21st November	LANCASTER X KB 722 A	J90229 PO ADAM RF	Pilot	1524	2146	Target CASTROP RAUDEL with 2 x 500 lb GP 12 and 18 x 500 lb MC TD.025. Primary at 1906.3 hrs from 19000 ft. 3/10ths cloud tops 6000 ft. Identified on Gee and red and green TIs bombed on latter. Bombing and marking well concentrated. Very large fire in the centre of markers, and three large explosions seen during bombing run. Should be a good attack.	A.2903
21st November	LANCASTER X KB 779 B	J16953 PL BARLOW JP	Pilot	1520	2201	Target CASTROP RAUDEL with bombload same as "A". Primary at 1905.7 hrs from 19000ft. Weather clear with a few patches of low cloud. Ident. by red and green TIs and visually by search and autohelp. Bombed concentration of red TIs. Good concentration of markers on target. Two x 500 lb MC TD.025 hung up. One jetted out at 51 38 N. 02 49E at 2013 hrs. from 8,000 ft. (Safe) The other jetted out at 51 05 N 06 38 E at 1917.5 hrs from 17,000 ft. (Live)	A.2904
21st November	LANCASTER X KB 735 D	J17469 PO HOW FW	Pilot	1505	2139	Target CASTROP RAUDEL with bombload same as "A". Primary at 1908 hrs from 18000 ft. Weather clear with some haze and broken cloud in the approaches. Ident. by red and green TIs. Bombed centre of good concentration of red TIs. Good concentration of bomb bursts around TIs. Some small fires had started. A good attack, showed result.	A.2905
21st November	LANCASTER X KB 804 N	J29884 PO HANNEY LA	Pilot	1459	2144	Target CASTROP RAUDEL with bombload same as "A". Primary at 1906.3 hrs from 19000ft. Low thin patchy cloud. Ident. target by red and green TIs - bombed centre of reds. Markers well concentrated - lots of smoke and two large fires. A/C hit by some thing just after bombing - damaged a/c 3 - 500ft up - no explosion - just a loud bang on impact - Bomb doors buckled. Cause of damage unknown - had to lose a lot of time.	A.2906

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(12126-5511) WL 2282-1124 708 843 T.R. 708
(12126-5511) WL 4485-1254 1208 1164 T.R. 708

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
21st November	LANCASTER X KB 733 G	J90515 PO McDONALD LH	Pilot	1514	2130	Target CASTROP RAUDEL with bombload same as "A". Primary at 1905.8 hrs from 18000 ft. 4-5/10ths cloud tops 2/3000ft. Identified and bombed on red and green TIs. Markers well concentrated - one large fire to stbd of them. Should be good attack - increasing wind affected times.	A.2907
21st November	LANCASTER X KB 761 H	J37355 PO BRUTINS EM	Pilot	1452	2142	Target CASTROP RAUDEL with bombload same as "A". Primary at 1905.1 hrs from 16000 ft. Clear some ground here. Ident. target visually and saw red and green TIs. Bombed centre of red TIs. One large explosion seen to port of red TIs as a/c left the target. Could not observe results.	A.2908
21st November	LANCASTER X KB 762 J	J86975 PO WILLIAMS GEF	Pilot	1532	2209	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1905.5 hrs from 19000ft. Clear. Ident. target by red TIs. Bombed red TIs. 2 explosions at 1905 and 1905.3 hrs. No other results seen.	A.2909
21st November	LANCASTER X KB 797 K	J35209 PO HYNDMAN ED	Pilot	1509	2135	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1904.5 hrs from 18000 ft. Clear vis. good. Ident. target by red TIs. Bombed same. EFF was good. Many fires seen burning. Inside of bomb bay doors hit by flak 2 holes from flak 1" x 1" and 1 1/2" x 2" - Routing gave so much time. Doglegging was necessary. Good press.	A.2910
21st November	LANCASTER X KB 753 L	J10761 FL COLLARD HW	Pilot	1503	2217	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1906.7 hrs from 17000ft. Clear vis good. no haze. Target ident. by red TIs. Bombed centre of same. EFF appeared to be good. One large explosion seen. Lots of black smoke. 2500 lb TD-025 hung up. Det. time 5105T 06:02 1920 hrs 14,000 ft. Good show smoke rising to 8/10000ft.	A.2911
21st November	LANCASTER X KB 750 M	J12477 FL WARRER AGR	Pilot	1518	2136	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1905 hrs from 18000 ft. Good vis. Target ident. by red and green TI. Bombed red TI. Green TI concentrated about 2 miles N of red TI. Red TI well concentrated.	A.2912
21st November	LANCASTER X KB 783 O	J36790 PO WIGHMAN EM	Pilot	1511	2222	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1905 and 4 x 500 lb GP TD-025. Bombed primary at 1905 from 17000 ft. Clear vis good. Ident. target by red and green TI. Bombed red TI. Red and green TIs well concentrated. Bombing well concentrated in and around TIs. Good attack.	A.2913
21st November	LANCASTER X KB 786 P	J9656 WO HAGERMAN DC	Pilot	1454	2229	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1904.3 hrs from 19000 ft. very thin cloud 5/6000 ft. Ident. target by red and green TIs. Bombed centre of same. Markers well concentrated. No fires seen but a large column of black smoke seen over target. If markers on should be a good attack as bombing was well concentrated.	A.2914

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
21st November	LANCASTER X KB 765 Q	J29220 FO MOVIGAR RA	P	1457	2225	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1905.5 hrs from 18000 ft. Clear vis. Good. Ident. target by red and green TII's. Bombed centre of same with fires in and around them. Markers well concentrated. Attack well concentrated. Lots of black smoke. A very large explosion at 1904.5 hrs followed by heavy black smoke. Looked like a good attack.	A.2915
21st November	LANCASTER X KB 772 R	J15819 FL BISHOP AA	Pilot	1516	2236	Target CASTROP RAUDEL with bombload 18,500lb MC TD.025. 2,500 lb GP TD.025. Bombed primary at 1906.2 hrs from 17000 ft. Clear some smoke and dust. Ident. target by red and green TII's. Bombed red TII's. One large oil explosion and a smaller one, no other results seen.	A.2916
21st November	LANCASTER X KB 746 S	J25333 FO SHEAHAN GL	Pilot	1455	2132	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1906.8 hrs from 19000 ft. Clear. Ident. target visually and red and green TII's. Bombed centre of red TII's. A good concentration of bomb bursts and good fires had taken hold. One large explosion of red flame and black smoke looked like oil 1905 hrs. Looked like a very good attack.	A.2917
21st November	LANCASTER X KB 752 V	J27527 FO BEGG GHK	Pilot	1526	2210	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1905.9 hrs from 19000 ft. Clear, vis. good. Ident. target by red and green TII's. Bombed centre of red TII's. Red markers well concentration. Greens a bit to port and only a little smoke one large explosion at 1905 hrs should be a good attack.	A.2918
21st November	LANCASTER X KB 799 W	J88318 FO WESTON AC	Pilot	1521	2133	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1905.7 hrs from 18000 ft. 3/10th strata on cloud vis. good. Identified target by red and green TII's. Bombed red TII's. Very marking good. Some large explosions seen. Doglegging caused by reason of high winds. Many fires, like farm house burning at 510IN 0605.	A.2919
21st November	LANCASTER X KB 732 X	J25174 FO CHEFFIN ED	Pilot	1507	2158	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1905.5 hrs from 17000 ft. Ident. target by red and green TII's. Bombed red TII. At 1905 hrs saw a large oil explosion with lots of black smoke.	A.2920
21st November	LANCASTER X KB 795 Y	J85770 FO MANSFIELD EG	Pilot	1523	2134	Target CASTROP RAUDEL with bombload same as "A". Bombed primary at 1905.5 hrs from 19000 ft. Ident. target visually and red TII's. Bombed red TII's. Could not see attack but lots of smoke that looked like a smoke screen on leaving target.	A.2921

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R.A.F.
FORM 561.

DETAIL OF WORK CARRIED OUT

By No. 419 (R.C.A.F.) Squadron.

SECRET

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(11294-2511) WL 4889-3184 708 813 U.S. 708
(11299-2511) WL 4889-3184 1208 1164 U.S. 708

FOR THE MONTH OF N O V E M B E R 1944.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
27th November	LANCASTER X KB 722 A	J23026 FC DAWSON JG	Pilot	1638	2233	Target NEUSS with 1 x 4000 lb HC NI, 6 x 1000 lb USA TD. 025 and 5 x 500 lb MC TD.025. Bombed primary at 2031 hrs from 18800 ft. Identified target by red T1's through 7/10ths cloud and bombed them. Large fires observed in T/A and several explosions. Red T1's accurate but green were 4 or 5 miles off. A/C landed at WATERBACH.	A.2922
27th November	LANCASTER X KB 779 B	J9173 FL CAVE IEM	Pilot	1645	2234	Target NEUSS with 1 x 4000 lb HC NI, 6 x 1000 lb USA TD. 025, 3 x 500 lb GP TD.025 and 2 x 500 lb MC TD.025. Ident. target by the glow of red T1's through 10/10th thin cloud. Bombed centre of red glow on clouds at 2026 hrs from 18000 ft. Bomb bursts seen through clouds and 2 good explosions lit up the T/A at 2032. Should be a good raid. A/C landed at WATERBACH.	A.2923
27th November	LANCASTER X KB 804 E	J29884 FO BLAKEY LA	Pilot	1654	2224	Target NEUSS with 1 x 4000 lb HC NI, 6 x 1000 lb USA TD. 025 and 5 x 500 lb GP TD.025. Ident. target by red T1's through 7/10ths cloud. Bombed red T1's at 2026.5 hrs from 17000 ft. Cookie bursts seen in T/A. Uneventful trip. A/C landed at WATERBACH.	A.2924
27th November	LANCASTER X KB 733 G	J90515 FO MCDONALD LH	Pilot	1643	2220	Target NEUSS with bombload same as "A". Ident. target by red and green T1's through 8/10th cloud. Bombed centre of red T1's at 2027 hrs from 19000 ft. Small fires seen through gap in clouds. Green T1's not as accurate as reds. Good raid. A/C landed at WATERBACH.	A.2925
27th November	LANCASTER X KB 761 H	J35209 FO HYNDMAN ED	Pilot	1641	2226	Target NEUSS with 1 x 4000 lb HC NI, 6 x 1000 lb USA TD. 025, 4 x 500 lb GP TD.025 and 1 x 500 lb MC TD.025. Ident. target by red T1's through 10/10 thin cloud. Bombed centre of red glow on cloud at 2028 hrs from 18000 ft. Good attack but glow seemed rather wide spread for the size of target. A/C landed at WATERBACH.	A.2926
27th November	LANCASTER X KB 769 I	J35681 FO HESTALLACK GP	Pilot	1650	2358	Target NEUSS with bombload same as "A". Ident. target by red and green T1's through 7/10 cloud. Bombed one green T1 burst at 2027 hrs from 17000 ft. FEZ fairly good and a fair concentration of fires. Should be good presng if markers on A/C seemed to be scattered and intensity of attack is questionable. A/C landed at ACKLINGTON.	A.2927
27th November	LANCASTER X KB 762 J	J88318 FO WESTON AG	Pilot	1707	2222	Target NEUSS with bombload same as "A". Ident. target by red T1's through 8/10 thin patchy cloud. Bombed centre of red T1's at 2026 hrs from 17000 ft. Saw red glow through clouds and if markers were on the target was well bombed. A/C landed at WATERBACH.	A.2928
27th November	LANCASTER X KB 797 K	J16953 FL BARLOW JP	Pilot	1630	2226	Target NEUSS with bombload same as "B". Ident. target by red T1's through 9/10 cloud with one break. Bombed estimated centre of red T1's at 2026.5 hrs from 19000 ft. Large explosion middle on glow 2028 hrs. Bombing was concentrated on good marking. A/C landed at WATERBACH.	A.2929

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
27th November	LANCASTER X KB 753 L	J90229 FO ADAM RF	Pilot	1632	2225	Target NEUSS with bombload same as "A". Ident. target by red TI's cascading through 10/10 cloud. Bombed centre of red TI's at 2025 hrs from 17000 ft. Explosions seen among red glow on cloud. Jettisoned 1 x 500 lb MC TD.025 safe at 5142N 0235E at 2143 hrs from 6000 ft. due to hang up. Good attack. Glow from fires seen many miles away. A/C landed at WATERBEACH.	A.2930
27th November	LANCASTER X KB 750 M	J88129 FO MARTIN EW	Pilot	1648	2234	Target NEUSS with 1 x 4000 lb MC HI, 3 x 1000 lb USA TD.025, 3 x 1000 lb GP TD.025 and 5 x 500 lb MC TD.025. Ident. target by red TI's through 9/10 cloud. Bombed green TI's at 2028.5 hrs from 19000 ft. Several fires seen and a large explosion in the T/A. Opposition negligible. A/C landed at WATERBEACH.	A.2931
27th November	LANCASTER X KB 748 O	J26673 FO OSBORN WW	Pilot	1636	2218	Target NEUSS with bombload same as "A". Ident. target by green flares with yellow stars through 8/10ths cloud with tops at 5000 ft. Bombed green flares at 2025.5 hrs from 18,000 ft. Two large explosions seen in T/A. Jettisoned 1 x 1000 lb USA TD.025 at 5132N 0215E at 2141 hrs from 8000 ft. safe, due to hang up. Cloud obscured results but bombed on markers. A/C landed at WATERBEACH.	A.2932
27th November	LANCASTER X KB 786 P	J25399 FL ANDERSON JA	Pilot	1652	2211	Target NEUSS with bombload same as "H". Ident. target by red TI's and green flares through 10/10ths cloud with tops 5000 ft. Bombed centre of green flares at 2024 hrs from 17,000 ft. Two very large explosions lit up cloud at 2021 and 2022 hrs. Good attack. Glow from explosions showed area bombed to be scattered. A/C landed at WATERBEACH.	A.2933
27th November	LANCASTER X KB 765 Q	J3476 SL BLACK CE	Pilot	1634	2238	Target NEUSS with bombload same as "E". Ident. target by fires through 8/10 cloud. Bombed fires at 2031 hrs from 19,000 ft. Large fires seen so should be good attack. A/C landed at TUDERTHAM.	A.2934
27th November	LANCASTER X KB 772 R	J17469 FO HOW FW	Pilot	1627	2219	Target NEUSS with bombload same as "A". Ident. target by red TI's and sky marker flares through 5/10ths cloud. Bombed red TI's at 2033 hrs from 17500 ft. Several explosions observed. A successful trip quite uneventful. A/C landed at WATERBEACH.	A.2935
27th November	LANCASTER X KB 745 S	J9757 FL ARMSTRONG WR	Pilot	1658	2250	Target NEUSS with bombload same as "H". Ident. target by green flares in area of 8/10 cloud with tops 6000 ft. Bombed centre of green flares at 2027 hrs from 17000 ft. A concentrated attack. A/C landed at TUDERTHAM.	A.2936
27th November	LANCASTER X KB 799 V	J27527 FO BEGG GHC	Pilot	1656	2239	Target NEUSS with bombload same as "B". Ident. Target by red TI's going down through 10/10 cloud. Bombed near side of red glow on cloud at 2028 hrs from 16000 ft. Glow covering large area and numerous explosions seen. Good attack. Huge red explosions after leaving about 2038 hrs. A/C landed at WATERBEACH.	A.2937

OPERATIONS RECORD BOOK

APPENDIX "A"

R.A.F.
FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 19 (R.C.A.F.) Squadron.

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(*1294-521) Wt. 4880-124 700 814 T.S. 700
(*1292-521) Wt. 4680-231 1300 144 T.S. 700

FOR THE MONTH OF NOVEMBER 1944.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
27th November	LANCASTER X KB 732 X	J36790 PO	WIGHTMAN EM Pilot	1659	2311	Target NEUSS with bombload same as "A". Ident. target by red and green TT's cascading into 9/10ths cloud. Bombed centre of fires at 2033 hrs from 17000 ft. Large explosions seen among the red glow. A/C landed at WATERBRIDGE.	A.2938
30th November	LANCASTER X KB 722 A	J28802 PO 327874	TEDFORD GO Pilot	1616	2320	Target DUISBURG with 1 x 4000 lb HC NI, Amatol and 12 x 500 GP and 2 x 500 HC TD.025. Bombed primary at 2011. from 17000 ft. through 10/10ths cloud tops 8000 ft. Ident. target by red/yellow stars. Bombed the first lot of sky markers. No estimate possible. No ground detail seen. Markers were well concentrated - if they were on the attack should be successful. Lots of vapour trails seen over target area.	A.2939
30th November	LANCASTER X KB 779 B	J90229 PO	ADAMS RF Pilot	1614	2239	Target DUISBURG with 1 x 4000 lb HC NI Amatol and 16 x 500 lb HC TD.025. Bombed primary at 2007.1 hrs from 18,000 ft. 10/10ths cloud tops 6-7000 ft. Identified target by red flares with yellow stars. Bombed centre of red flares with yellow stars. Could not assess due to cloud but concentration of A/C in T/A was good and marking plentiful and concentrated.	A.2940
30th November	LANCASTER X KB 738 D	J17469 PO	HOW FW Pilot	1626	2243	Target DUISBURG with bombload same as "B". Bombed primary from 19000 ft. at 2008.1 hrs through 10/10ths cloud slight rise - tops 6000 ft. Ident. target by sky markers. Bombed concentration of markers. Nothing seen owing to cloud. Plenty of flak coming up. Lots of colour of the day flared on crossing English coast. No apparent reason seen.	A.2941
30th November	LANCASTER X KB 804 E	J29884 PO	HEANEY LA Pilot	1627	2256	Target DUISBURG with bombload same as "B". Bombed primary at 2007.6 hrs from 17000 ft. through 10/10ths cloud tops 8000 ft. Ident. target by red flares with yellow stars. Bombed centre of southern group of flares. Should be a good attack. Glow of fires beneath clouds.	A.2942
30th November	LANCASTER X KB 761 F	J35209 PO	HYNEMAN ED Pilot	1624	2340	Target DUISBURG with bombload same as 1 x 4000 lb HC NI, Amatol; 12 x 500 GP and 4 x 500 HC TD.025. Bombed primary at 2007.8 hrs from 18000 ft. through 10/10ths cloud tops 10,000ft. Ident. target by sky markers. Bombed centre of the group of flares. As the bombs went could see a flash which lit up the cloud. Thought to be a large explosion. Nothing else seen. The attack should be successful. The TFF was good.	A.2943
30th November	LANCASTER X KB 769 I	J86975 PO	WILLIAMS CDF Pilot	1637	2346	Target DUISBURG with 1 x 4000lb HC NI Amatol; 12 x 500 lb GP and 4 x 500 HC TD.025. Bombed primary at 2009 hrs from 19,000 ft. 10/10ths cloud with tops at 9000 ft. Ident. target by red flares with yellow stars. Jettisoned Load-estimate centre of all flares. A good glow beneath clouds as a/c run off. Electrical failure. B/Sight and intercom u/s. Had to pull jettison trolly while pilot estimated release pt. due to intercom and B/S u/s.	A.2944

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES	
				Up	Down			
30th November	LANCASTER X KB 762 J	J35681 FO	RETAILLACK GP	Pilot	1636	2322	Target DUISBURG with bombload same as "A". Bombed primary at 2008.8 hrs from 17000 ft. 10/10ths cloud tops 7/8, 000 ft. Saw sky markers. The yellow stars were faint and sometimes not seen. Bombed one sky marker. Whittish glow on clouds seen after a/c left the area. Looked like a good attack. A/C well concentrated. Marking was continuous.	A.2945
30th November	LANCASTER X KB 797 K	J10572 FL	SWARTZ EW	Pilot	1613	2345	Target DUISBURG with bombload same as "B". Bombed primary at 2009.6 hrs from 18000 ft. 10/10ths cloud tops 7000 ft. Identified target by sky markers. Bombed red flares with yellow stars. Cloud covered target. Red glow seen on cloud. Wanganui well concentrated. Could not assess attack.	A.2946
30th November	LANCASTER X KB 750 N	J88129 FO	MARTIN EW	Pilot	1622	2317	Target DUISBURG with 1 x 4000 lb HC NI; and 16 x 500 lb: CP TD.025. Bombed primary at 2010 hrs from 17,000 ft. 9/10 cloud tops 5/6000 ft. Ident. target by markers. Bombed centre of a concentration of 5 flares red with yellow stars. Too much cloud to assess. Few small explosions seen on cloud. Concentration of A/C on whole route excellent.	A.2947
30th November	LANCASTER X KB 748 O	J29220 FO	MOVIGAR RA	Pilot	1620	2343	Target DUISBURG with bombload same as "B". Bombed primary at 2010 from 18000 ft. Identified target by sky markers and gas. Bombed centre of southern most of red flares with yellow stars. 3 Sets of wanganui. Concentration of A/C in T/A too good and a/c had to bomb off true heading because of this. According to Gee fix marking was about 2 miles south of A/P.	A.2948
30th November	LANCASTER X KB 786 P	J25399 FL	ANDERSON JA	Pilot	1634	2342	Target DUISBURG with 1 x 4000 HC NI Trinitol and 16 x 500 MC TD.025. Primary at 2007.9 hrs from 19000 ft. 10/10 the cloud tops 5/6000 ft. Target ident. by red flares seen to fall at 2000 hrs, then by sky markers red flares with yellow stars. Target kept well marked - first seen approx. 2002 hrs. Bombed red flares with yellow stars. Could not assess owing to cloud. concentration of A/C over T/A appeared good - if RT's on, attack should be good.	A.2949
30th November	LANCASTER X KB 772 R	J15819 FL	BISHOP AA	Pilot	1621	2348	Target DUISBURG with 1 x 4000 lb HC NI Minol and 16 x 500 lb MC TD.025. Primary at 2007.75 hrs from 19000 ft. 10/10ths cloud tops 7000 ft. Horizontal vis. very good. Ident. and bombed by red flares and yellow stars. Could not assess.	A.2950
30th November	LANCASTER X KB 745 S	J25383 FO	SHERMAN CL	Pilot	1635	2302	Target DUISBURG with 1 x 4000 lb HC NI Ametol; 8 x 500 CP TD.025 and 8 x 500 MC TD.025. Primary at 2009.5 hrs from 17000 ft. 10/10ths cloud tops 7000 ft. Ident. by red sky markers with yellow stars. Bombed port side of concentration of these. Nothing seen owing to cloud but if markers were on, attack should be successful.	A.2951

