

OPERATIONS RECORD BOOK

APPENDIX A.1.

A.F. FORM 541.

Target - MURKSBURG.

DETAIL OF WORK CARRIED OUT

By No. 428 (R.C.A.F.) Squadron.

SECRET

PAGE No. 1.

\*1333-3511 Wt. 5720-4135 734 5064 U.S. 700

FOR THE MONTH OF January 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
				BOMB	LOAD.		
A/C A, N, P, S, V, T. carried: 1x4000 HG/NI, 10x500 GP/TD, 025.						A/C B, C, M. 1x4000 HG/NI, 2x500 MG TD, 025, 8x500 GP TD, 025	
A/C D. carried: 1x4000 HG NI, 1x500 MG TD, 025, 8x500 GP. 025.						A/C I, K, W. carried: 1x4000 HG NI, 9x500 lb incendi, 105x4 lb incendi. 'X' type.	
A/C G, X. " " 1x4000 HG NI, 10x500 MG TD .025.							
2nd / January	LANCASTER X A. KB.791	J.15666 F/L Craton, J.D.C. - Pilot		1443	1959	Abortive N.O.H.T. further at point reached 4943N 0243E. 1725 hours 1000 ft. Rear turret w/s and one gun only in M/U. Jett. whole load safe at 1901.5 hrs from 10000 ft. 5302N 0057E.	
	LANCASTER X B. KB.764	J.37032 F/O Walsh, D.R. - Pilot		1435	0012	Primary at 1931.2 hrs from 17500 ft. No cloud, some haze. Vis. good. Ident by red and green TIs and bombed slightly short of them. M/B heard clearly. Target a mass of flames which seemed to cover the whole city. Fires could be seen 150-200 mi. after leaving target. Good attack. Heading 022, IAS 195 mph.	
	LANCASTER X C. KB.757	J.92577 P/O Read, L.M. - Pilot		1444	0000	Primary at 1932 hrs from 17000 ft. Weather clear. Ident by red and green TIs and bombed centre of them as per M/B. Area well alight. Attack considered very good. Large explosion in T/A at 1940 hrs. Heading 055-T. IAS 150 mph.	
	LANCASTER X D. KB.770	J.85592 F/O Gaskin, V.M. - Pilot		1421	0008	Primary at 1939 hrs from 17000 ft. Clear with good vis. Ident by red and green TIs and smoke fires, bombed centre of them as per M/B. Whole place ablaze, large orange explosion at 1945 hrs. Very good attack. Heading 067, IAS 155.	
	LANCASTER X I. KB.792	J.7476 S/L Lemont, D.W. - Pilot		1448	0023	Primary at 1941.8 hrs from 16500 ft. Heading 060, IAS 160 mph. Weather clear. Ident by red and green TIs, bombed on red. Bombing and markers well concentrated. Many fires, large explosion at 1946 hours.	
	LANCASTER X K. KB.784	J.10102 F/L Pratt, C.W. - Pilot		1428	2349	Primary at 1933 hrs from 16500 ft. 2-4/10 low cloud tops 5000 ft. Heading 025, IAS 155 mph. Ident by red and green TI and bombed the centre of the reds. MB clear. Whole T/A a mass of flames which could be seen 150 mi; from target. Some bombing to SW edge of city - 3 mi. short of A/P. Large explosion at 1940 hours. Good attack.	
	LANCASTER X M. KB.820	J.29776 F/O Ashby, W.G. - Pilot		1445	0020	Primary at 1936.4 hrs from 16500 ft. Heading 050, IAS 155. Weather clear. Ident. visually and by red and green TIs. Bombed first concentration of red TIs. Markers and fires well concentrated.	
	LANCASTER X N. KB.771	J.5981 F/L Goldis, J.K. - Pilot		1507	2337	Primary at 1938.5 hrs from 17000 ft. Weather clear. Target ident by red and green TIs and visually. Bombed centre of reds as per MB. TIs well concentrated. Whole town ablaze. Big explosion at 1940 hrs. Good attack. Heading 027. IAS 200 mph.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
2nd / 3rd January	LANCASTER X O. KB. 898	J. 27557 P/O Phill, G.R. - Pilot		1418	2355	Primary at 1936.8 hrs from 16000 ft. Weather clear. Ident. visually and by TIs. Bombed visually as per M.B. One large explosion shortly after bombing, with blast up to 12000 ft. 50-75 S/Ls working - all went out. Dummy TIs operating to port and starboard of target. A really good prang. Heading 032R. IAS 155.	
	LANCASTER X X. KB. 747	J. 21668 P/L Miller, E.B. - Pilot		1513	0004	Bombed primary at 1935.7 hrs from 17000 ft. Heading 010, IAS 155 mph. Clear weather. Ident. visually and by PFF. Bombed red TI with an overshoot of 1/4 sec. as ordered by M.B. MB very clear but orders were changed rather rapidly. Just after we bombed he gave orders to bomb the smoke. A really good prang and concentrated in the north of the town. One large explosion at 1940 hours. Fighter flares were seen.	
	LANCASTER X P. KB. 760	J. 35506 P/O Anderson, R. - Pilot		1439	0029	Primary at 1937.5 hrs from 17500 ft. Weather clear. Ident by red and green TIs. Bombed centre of incendiaries. Fires well concentrated around A/F. Considered a most successful attack. Heading 315 T. IAS 155 mph.	
	LANCASTER X Q. KB. 795	J. 26634 P/O Pascock, E.B. - Pilot		1437	2359	Primary at 1937.1 hrs from 16000 ft. Weather clear. Ident visually and by TIs. Bombed upwind edge of smoke as per MB. Well concentrated attack in centre of town. Large explosion at 1940.7 hrs out from target, we were followed by a ball of light, or at any rate it was parallel to the stream for about 2 min. then burst in sky, falling to the ground and bursting again. No parachute seen. Had a trail of smoke with sparks in the smoke. Heading 040T. IAS 155 mph.	
	LANCASTER X S. KB. 765	J. 87551 P/O Walker, H.W. - Pilot		1430	0005	Primary at 1942.6 hrs from 18000 ft. Ident by red and green TIs in clear vis. Bombed centre of smoke. TIs well concentrated. Fires well ablaze, visible 12 mi. away. Large red explosion seen at 1942.6 hrs. Good attack. Heading 004, IAS 155.	
	LANCASTER X V. KB. 777	J. 89640 P/O Pearce, G.W.A. - Pilot		1443	2331	Primary at 1933.8 hrs from 16400 ft. Heading 100, IAS 160 mph. Weather clear, vis. good. Ident by red and green TIs. Bombed centre of large cluster of TIs. Whole northern half of city ablaze, numerous explosions and fair amount of smoke. MB clearly heard. Looks like a good attack.	
	LANCASTER X W. KB. 794	J. 9436 P/L Ellison, R.I. - Pilot		1416	2334	Primary at 1935.2 hrs from 17500 ft. through clear weather Ident. target by red and green TIs. Bombed centre of red and green TIs. The original A/F was burning fiercely and the attack was wound mouth. A huge explosion seen in T/A at 1940 hours. Excellent attack. Heading 0000 T, 150 IAS.	
	LANCASTER X Y. KB. 778	J. 35264 P/O Mytrak, W. - Pilot		1433	0024	Bombed primary at 1934.8 hrs from 18000 ft. Heading 011 T. IAS 155 mph. Clear Weather. Ident target by red and green TIs Bombed centre of same. A mass of flames. Bomb bursts seen. A good attack, two explosions with black smoke as we left the area. Intercom u/s. The attack was considered very good.	

**OPERATIONS RECORD BOOK**

APPENDIX A.2

A.F. Form 541

Target - HANOVER.

DETAIL OF WORK CARRIED OUT

By No. 428 (R.O.A.F.) Squadron.

**SECRET**

Page No. 3.

(1125-071) WD. 6282-1141 Form No. 1 U.S. 700  
(1125-071) WD. 6282-1141 Form No. 1 U.S. 700

FOR THE MONTH OF JANUARY 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCE	
				Up	Down			
				BOMB LOAD.	LOAD.			
A/C A, carried:	1x500 lb	GP TD.025, 6x500 lb	MC TD.025, 10x500 lb	USA SAP ANM 58 TD.025.		A/C C, Carried: 1x500 lb	GP TD.025, 6x500 lb	MC TD.025.
A/C D,	12x500 "	" " " "	2x500 lb USA GP AN.64	TD.025, A/C F, carried:	9x500 GP TD.025, 8x500 MC TD.025, 3x500 USA GP AN.64	TD.025.		
A/C I,	7x500 "	" " " "	1x500 lb MC TD.025, 2x500 lb	USA SAP ANM 58 TD.025, A/C K, carried:	20 x 500 lb GP TD.025.			
A/C M,	17x500 "	" " " "	1x500 lb USA GP AN.64	TD.025, 2x500 lb USA SAP ANM 58	TD.025, A/C N, carried:	20x500 USA GP AN.64	TD.025	
A/G O,	18x500 "	" " " "	2x500 lb MC TD.025, A/G S,	carried: 3x500 lb GP TD.025, 17x500 lb	MC TD.025.			
A/E V,	15x500 "	" " " "	5x500 " " " " " " " "	A/G W,	13x500 " " " " " " " "	7x500 " " " " " " " "		
A/C Y,	8x500 "	" " " "	6x500 lb	USA GP AN.64	TD.025.			
5/6th January	LANCASTER X A. KB.791	J. 37032 F/O Walsh, D.R.	- Pilot	1847	0083	Primary at 2151.8 hrs from 19000 ft. 122 deg. T. 155 IAS. Weather clear. Ident by red and green TIs, and bombed centre of red TI. Could see that previous attack was in the centre of the built up area. This attack could be seen 75 miles away. PFF seemed to be scattering. Attack very good.		
	LANCASTER X C. KB.757	J.12473 E/L Quinn, C.	- Pilot	1856	0051	Primary at 2151 hrs from 19000 ft. 108 deg. 155 IAS. Weather clear. Ident by red and green TIs, bombed centre of red TIs. Fires caught throughout city burning well.		
	LANCASTER X D. KB.770	J.85592 F/O Gaikin, V.M.	- Pilot	1841	0030	Primary at 2150.8 hrs from 19000 ft. 150 deg. IAS 155. Weather clear. Ident by red TIs and green and fires and building. Bombed centre of concentration of red TIs. The fires were spreading to the N.W. of the A.P. The centre and southern ends of the town were already on fire. One very bright fire seen burning in the centre of the other fires. Good attack.		
	LANCASTER X E. KB.793	J. 90197 F/O Clark, H.L.	- Pilot	1859	0047	Primary at 2150 hrs from 19000 ft. 120 deg. T. 155 IAS. Weather clear. Ident by red TI. Bombed built up area between two red TI. Large area of fires and white smoke seen on our run-up about 2145 hrs. Should have been excellent results. 1x500lb GP TD.025 hung up, brought back.		
	LANCASTER X I. KB.792	J.23034 E/L Barry, D.E.	- Pilot	1850	0024	Primary at 2151 hrs from 19000ft. 135 deg. T. 170 IAS. Weather clear. Ident by red TIs and fires in T/A. Bombed centre of red TIs which dropped short of and to the N of previous fires. We were on early and the town was burning as we went in. We dropped our bombs. PFF which seemed to be well placed. Judged a successful attack some bombing on dummy TIs to the SE and NE of the target.		
	LANCASTER X K. KB.784	J.10102 E/L Pratt, C.W.	- Pilot	1843	0028	Primary at 2150.6 hrs from 19500 ft. 095 deg. T. 155 IAS. Weather clear, some ground haze. Ident by red TI. and bombed on same. Previous attack could be seen at 2125 hrs. Mass of smoke and small fires. 1x500 lb GP TD., jett. safe at 5310M 0300E from 10000 at 2315 hrs.		

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
	LANCASTER X M. KB.820	J.21668 F/L Miller, E.B. - Pilot		1852	0037	Primary at 2154.7 from 19500, 150 deg. 160 IAS. Clear, vis. good. Ident. by red and green TIs and fires from previous attack. Bombed centre of red TIs. Fires from previous attack visible 130 mi. before we reached the target; markers appeared scattered but there was one good concentration of red's light in the centre of the town. Attack well concentrated. One large explosion at 2150 hrs. PFF good for concentration. If they were accurate attack very good. Something was really burning.	
	LANCASTER X N. KB.771	J.26767 F/L Edmondson, W.R. - Pilot		1851	0105	Primary at 2153.5, 19500, 158 deg. 155 IAS. Clear, vis. good. Ident by red and green TIs and fires. Bombed centre of red TIs. Red markers well concentrated. Green off to stbd. Target well blazing and bombing well concentrated but some incendi. were dropped short and to stbd. Lot of smoke over the target. 1x500 lb USA GP ANM64 TD.025 jett. safe due to hang up at 22200 0335E at 2314 hrs from 12000 ft. A very good attack.	
	LANCASTER X O. KB.838	J.27557 F/O Pauli, C.H. - Pilot		1857	0102	Primary at 2155.5, 19500, 130 deg. 155 IAS. Clear. Ident by green TI cascading at 2146 red TI - fires. Bombed on red TI. Red TI seen falling both to right and left of blazing town. Whole town seemed to be blazing. Good attack.	
	LANCASTER X P. KB.760	J.26634 F/O Peacock, E.B. - Pilot		1858	0026	Primary at 2155.9, 19500, 140 deg. T. 155 IAS. Clear but some ground haze. Ident by red and green TI. Bombed concentration of red and green TIs. One large explosion about 2154 hrs emitting flames and black smoke, carpet of flames. Excellent attack.	
	LANCASTER X S. KB.763	J.29776 F/O Ashby, W.G. - Pilot		1854	0044	Primary at 2153, 20000, 100 deg. T. 155 IAS. Clear. Ident by red and green TIs and fires to E of town. Bombed centre of concentration of red TIs. The TIs were going down in the centre of the existing fires with the odd one to stbd. The attack was generally good. Many explosion seen in T/A and lots of smoke. The attack was considered very good.	
	LANCASTER X V. KB.777	J.89640 F/O Pearce, G.F.A. - Pilot		1900	0022	Primary at 2154.7, 20000, 137 deg. 155 IAS. Clear with slight haze. Ident by red TIs and bombed same in centre of concentration of fires. Fires could be seen over 100 mi. Both in and out of the target burning furiously with intermittent explosions. An excellent attack. Northern part of city to and including A/F well ablaze.	
	LANCASTER X W. KB.794	J.35506 F/O Anderson, R. - Pilot		1902	0053	Primary at 2154.4, 20000, 140 deg. 155 IAS. Clear but smoky. Ident by reds cascading into smoke. Bombed centre of smoke and fires. Good prang with fires well burning. Fire glow could be seen for an hour after bombing. Well concentrated successful attack.	
	LANCASTER X Y. KB.778	J.35264 F/O Mytruk, W. - Pilot		1849	0042	Primary at 2154.7, 20000, 130 deg. 155 IAS. Clear. Ident by red and green TIs and built up area burning. Bombed centre of red TIs. Good fires covering a wide area with a tendency to undershoot. Went through a scarecrow, shattered pilots windscreen in T/A, at 2155 hrs at 20000 ft. Excellent attack.	

# OPERATIONS RECORD BOOK

APPENDIX A.3.

A.F. FORM 541.

Target - HANAU

DETAIL OF WORK CARRIED OUT

By No. 420 (R.C.A.F.) Squadron

**SECRET**

PAGE No. 5.

71311-1211) W. 4822-4157 734 1064 T.S. 700

FOR THE MONTH OF January 19 45.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
6th January	A/C S, O, J, I, O, P, 4, S, W, carried: 1x4000 lb HC NI, 1x1500 lb I.B. 10% 'X' type. All aircraft carried leaflets and dropped them as ordered. A/C K, M, N, G, carried: 1x4000 lb HC NI T.N.T., 1x1500 lb I.B. 10% 'X' type. A/C L carried: 10x500 lb GP TD, 025, 10x500 lb MG, TD, 025.						
	LANCASTER X B. KB. 764	J. 37052 P/O Walsh, D.R. - Pilot		1522	2228	Primary through 10/10 cloud with tops about 10000 ft at 1901.8 hrs from 19500 ft. 141 deg. 155 IAS. Target identified by red TIs cascading. Bombed on centre of flares. No results other than on cloud as we ran off.	
	LANCASTER X G. KB. 757	J. 87364 P/O Humber, H.J. - Pilot		1542	2200	Primary through 10/10 cloud with good vis. at 1901.7 hrs from 20000 ft. 139 deg. 155 IAS. Target ident by TIs and Gee check. Bombed markers. Markers well concentrated. Target obscured by cloud, cannot assess attack.	
	LANCASTER X D. KB. 770	J. 90197 P/O Clark, H.L. - Pilot		1500	2208	Primary through 10/10 cloud with good vis. at 1902 hrs from 19500 ft. 137 deg. 160 IAS. Target ident by red TIs cascading and flares. Bombed markers which were well concentrated. Cloud obscured target, could not assess attack. No. 1 W/F transmitter went w/s after leaving the target.	
	LANCASTER X K. KB. 784	J. 10102 P/L Pratt, C.W. - Pilot		1530	2224	Primary through 10/10 cloud with tops about 8000 ft. at 1902 hrs from 18300 ft. 138 deg. 155 IAS. Target ident, by sky markers. Bombed red flares. Too much cloud to assess results.	
	LANCASTER X L. KB. 725	J. 21668 P/L Miller, S.B. - Pilot		1453	2236	Primary through 10/10 cloud tops 10/12000 ft. at 1902.6 hrs from 18000 ft. 158 deg. 180 IAS. Target ident by TIs and sky markers. Bombed sky markers. No results seen.	
	LANCASTER X N. KB. 771	J. 26767 P/L Edmondson, W.R. - Pilot		1456	2153	Primary through 10/10 cloud with tops 8/10000 ft. at 1902.7 hrs from 19500 ft. 138 deg. 155 IAS. Target ident by red glow of sky markers. Bombed on estimated centre of flares. No estimate possible.	
	LANCASTER X O. KB. 856	J. 27557 P/O Pauli, G.R. - Pilot		1526	2211	Primary through 10/10 cloud tops 9/10000 ft. at 1901.5 hrs from 19000 ft. 145 deg 160 IAS Target ident by TIs and sky markers Bombed markers. Nothing seen owing to cloud.	
	LANCASTER X P. KB. 760	J. 7476 S/L Lemont, D.W. - Pilot		1517	2242	Primary through 10/10 cloud with fair vis. at 1903.3 hrs from 18500 ft. 138 deg. 160 IAS. Target ident. by TIs and Gee check. Bombed flares which were well concentrated. Attack thought to be not too successful.	
	J. K.B. 782	J. 2434 P/O Gandy		1458	2211	Cancelled primary at 1903.3 hrs from 18500 ft. 138 deg. 160 IAS. Target not seen. Bombed flares which were well concentrated. Attack thought to be not too successful. P.O. Gandy later advised that target was obscured by cloud and that the flares did not appear too large. Results & comments the results.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
6th January	LANCASTER X Q. KB.795	J.12473 F/L Quinan, G.	- Pilot	1529	2206	Primary through 10/10 cloud with tops 8000 ft. at 1901 hrs from 18000 ft. 172 Degs 155 IAS. Target ident by flares. Bombed 2/4. Impossible to judge results owing to cloud.	
	LANCASTER X S. KB.763	J.29776 F/O Ashby, W.G.	- Pilot	1506	2214	Primary through 10/10 cloud tops 6/7000 ft. at 1902.3 hrs from 18000 ft, 138 deg. 155 IAS. Target ident by flares. Bombed sky marking. Glow of fires seen in 2/4.	
	LANCASTER X W. KB.794	J.35506 F/O Anderson, R.	- Pilot	1454	2015	Primary through 10/10 cloud tops 12000 ft. at 1902.1 hrs from 19000 ft. 137 deg. 155 IAS. Target ident by flares. Bombed sky markers. Too much cloud to assess results.	
	LANCASTER X Z. KB.739	J.35264 F/O Mytruk, W.	- Pilot	1527	2218	Primary through 10/10 cloud tops 5/6000 ft. at 1902 hrs from 18500 ft. 143 degs. 155 IAS. Bombed estimated centre of flares Target ident by flares. Nothing seen owing to cloud.	
	LANCASTER X M. KB.820	J.16847 F/L Kama, W.	- Pilot	1458	2238	Primary through 10/10 cloud tops 12000 ft. at 1901.6 hrs from 20000 ft 142 deg. 155 IAS. Target ident by sky markers and bombed estimate centre of sky markers. No estimate possible. Large glow in cloud. No results seen.	

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# OPERATIONS RECORD BOOK

APPENDIX A.4.

Target - MUNICH

DETAIL OF WORK CARRIED OUT

By No. 428 (R.C.A.F.) Squadron.

**SECRET**

PAGE No. 7.

11251-0111 WL 8800-1124 700 812 T.S. 700  
11250-0111 WL 8800-1124 1200 1124 T.S. 700

FOR THE MONTH OF JANUARY 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
						Both aircraft carried: 1x4000 lb MD Br. TD.025, 14 x No. 14 cluster : leaflets and dropped them as ordered.	
7th / January	LANCASTER X K. KB.784	J.10572 F/L Swartz, R.W. - Pilot		1832 (Swinderby)	0255	Bombed primary at 2233.5 hrs from 19000 ft. 080 deg. T.160 IAS. through 10/10 low overcast with patches of strata cu up to 19000 ft. poor vis. Ident. target by red and green flares. Bombed centre of cluster of wanganui flares. Marking was very scattered and bombing as a result was widespread ap- parently. One large reddish explosion seen at 2251 hrs. Just a dull red glow over town from previous raid as we ar- rived. Blister damaged by flak over Munich at 2232 hrs at 19000 ft. Fronts far more severe than anticipated.	
	LANCASTER X Y. KB.778	J.29776 F/O Ashby, W.G. - Pilot		1840 (Swinderby)	0310	Bombed primary at 2233 hrs from 20000 ft. 088 deg. 160 IAS. 10/10 strata cu tops 14000 ft. vis. moderate. Ident target by wanganui flares. Bombed centre of cluster of wanganui flares. Marking quite well concentrated. Bombing results not seen due to cloud. Glow of earlier raid seen below cloud. THIS IMPROVED AFTER LATER ATTACK AND COULD BE SEEN about 100 miles on homeward track.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
	LANCASTER X O. KB.858	J.5981 F/L Goldie, J.K. - Pilot	- Pilot	1846	0351	Primary 2394.6, 18000, 068 deg. 160 IAS. Medium cloud tops 6/8000. Ident. by H2S. Bombed on H2S. When we had bombed the cloud-covered most of the area. White flares and TIs were seen later and smoke billowing up to cloud tops. No assessment of the target possible as we were on early we could not assess the results. Navigationally it was a good trip.	
	LANCASTER X P. KB.760	J.35506 F/O Anderson, R. - Pilot	- Pilot	1844	0352	Primary 0004.6, 20500, 049 deg. 155 IAS, 10/10 cloud about 7000 ft. vis. good. Ident by red TIs and green and red flares, yellow stars. Bombed centre of red flares and yellow stars on MBs instructions. Three groups of mixed markers well concentrated. Three separate fire glows among the markers. Oil flames of one fire up through cloud. Attack thought to be just fair. Captain approves of route and tactics.	
	LANCASTER X Q. KB.795	J.12475 F/L Quinn, G. - Pilot	- Pilot	1829	0331	Primary 2358.8, 19000, 066 deg. 160 IAS, 10/10 cloud, 4-5000 vis. good. Ident and bombed on H2S. Small vivid red glow on cloud. One column of smoke up through cloud to 6000 ft. Thick smoky haze in T/A. Difficult to assess attack. This a/c among the FFF supporters. One small flak hole in blister on abtd. side pilot's cockpit, route and tactics considered good.	
	LANCASTER X S. KB.763	J.92860 F/O Johnson, G.A. - Pilot	- Pilot	1843	0426	Primary 0006.7 hrs 21000, 040 deg. 155 IAS, 10/10 thin cloud 5000 ft. vis. good. Ident by green and red TI, red flares, yellow stars. Bombed centre of green TI. Red TI somewhat scattered. Green TI well concentrated. Bombing well concentrated on TIs. A big red explosion at 0002 hrs. If TI well placed should be a good prang. Captain approved of route and tactics. No flak seen except at battle line until T/A reached. Didn't hear MS. Frequency jammed.	
	LANCASTER X W. KB.794	J.9436 F/L Ellison, K.I. - Pilot	- Pilot	1831	0411	Primary 0003.4, 16500, 120 deg. T. 200 IAS, 9-10/10 cloud tops about 400 vis. above good. Ident by red and green TI. Bombed on red and green TIs. H2S not working well though the target would be dark at this time. Passed through what was thought to be a dummy realized it was the target when bombing, would have meant crossing stream at an angle of 100 deg. so did an orbit to port and came in on second run. Tactics and route quite good. Not considered a good attack.	
	LANCASTER X Z. KB.739	J.39551 F/O Mitch, A.D. - Pilot	- Pilot	1838	0416	Primary 0005.5, 20000, 068 deg. 155 IAS, 10/10 low cloud up to 3000 ft. or 4000 ft. Ident by red and green TIs. Red flares with yellow stars. Bombed green glow of TIs. Fire from previous attack seen from about 25 mi. on run in. At 0005 a column of black smoke 2000 ft. above cloud top. Fire glow seen beneath haze. Difficult to judge results due to haze but should be good.	
	LANCASTER X D. KB.770	J.85592 F/O Gankin, V.M. - Pilot	- Pilot	1906	0358	Primary 0006.2, 20000, 068 deg. T. 155 IAS, 7/10 cloud tops 5000. Ident by green TI, red flares with yellow stars. Bombed red flares with yellow stars. Could see explosions of bombs but no other results. Tactics and route good. No trouble with defences except in the T/A.	

# OPERATIONS RECORD BOOK

APPENDIX A.6

I.A.F.  
FORM 541

Target - ZEITZ

DETAIL OF WORK CARRIED OUT

By No. 428 (R.G.A.F.) Squadron

**SECRET**

PAGE No. 10.

1011-1111 W. 4722-472 224 1064 T.S. 780

FOR THE MONTH OF JANUARY 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
				BOMB	LOAD		
A/C A, B, C, G, L, M, O, W. carried: 1x4000 lb HC NI				Trinatol, 10x500	1b GP ANM 64 TD.025	4x250 lb GP Tail Inst.	
Aircraft V, Z, " : 1x4000 " " "				Minol, 10x500	" " " "	" " " "	
" N, " : 1x4000 " " "				Amatol, 10x500	GP ANM. 64 TD.025	4x250 " " "	
" K, " : 1x4000 " " "				Trinatol, 7x500	" " " "	4x500 lb GP TD.025, 4x250 lb GP Tail Inst.	
16/17th January	LANCASTER X A. KB.791	J.15666 P/L Craton, J.D. - Pilot		1725	0211	Primary 2212.8, 18000, 005 deg f. 165 IAS. Clear and good ident by red and green TI and bombed centre of same. Red and green TI illuminating flares seen at 2210 hrs. Mass of flames and black smoke up to 2/3000 ft. Tactics and route very good. Excellent attack. Good bombing.	
	LANCASTER X B. KB.764	J.19951 P/O Mutch, A.D. - Pilot		1735	0207	Primary 2215, 18500, 000 deg T. 155 IAS. Clear, vis. good. Ident by ground markers, green and red, built up area. Bombed red and green Tis. Lots of smoke and fire, one large orange explosion lit up the sky with sparks and billowing smoke coming from it. Good concentration, lots of their colour good. Some smaller and one large explosion seen at 2200. Huge orange flames coming from it. M/U w/s. Target was well lit. The glow could be seen for 15 min. after we left. Our track out from target was marked with red flares each side of track as far as the coast.	
	LANCASTER X C. KB.757	J.12473 P/L Quinn, G. - Pilot		1737	0147	Primary 2216.5, 19000, 130 deg. IAS 160. Clear, excellent ident by red and green Tis and illuminating flares. Bombed red and green and flares. Well concentrated. Intermittent explosions on run up plenty of smoke. 2217 hrs an explosion to 2000 ft flank oily smoke orange flame. An excellent attack. Route and tactics good.	
	LANCASTER X G. KB.798	J.21668 P/L Miller, B.B. - Pilot		1713	021A	Primary 2222.6, 19000, 352 deg. IAS 180. Clear. Ident by illuminating flares red and green Tis. Overshot Tis by 5 secs. as instructed by MB. Illuminating flares at 2210 hrs followed by salvo of red and green TI. About four explosions of good size on run in at 2220 a terrific explosion with a coil of black smoke to 8000 ft and flame that lit the whole sky. Excellent.	
	LANCASTER X L. KB.725	J.90197 P/O Clark, H.L. - Pilot		1730	0205	Primary 2217.6, 18500, 345 deg. 175 IAS. 2/10 cloud 3000 ft. tops, fair. Ident. visually by illuminating flares. Green and red TI. Bombed buildings in centre of red and green TI at 2216 hrs. Markers first seen 2216 hrs well concentrated. Nothing seen as we went over but immediately after whole T/A seemed to be covered with fire and smoke. Explosion large bright red at 2217 hrs with black smoke. Route was good. Think attack was good. Tactics very satisfactory.	

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
	LANCASTER X M. KB.820	J.85592 P/O Gaskin, V.M. - Pilot		1727	0158	Primary 2215.9, 18500, 010 deg. 160 IAS. Ident by red and green TIs and bombed on same. Several large explosion seen. Clear, vis. good. Target burning well. Red and greens well concentrated the odd single green. TIs with the odd one misplaced. Gas w/s. Several 6/8 inch holes in port wing some mainplane smaller and tail plane cause by flak T/A 2214 hrs 18500. The target was burning well as we left there was one large explosion in the target. <del>and</del> TIs. Plasma billowed up to tops of black smoke - approx 2000 ft. Considered a successful attack. There was plenty of activity from all sides.	
	LANCASTER X O. KB.888	J.5981 P/L Goldie, J.K. - Pilot		1733	0206	Primary 2220/2, 19000, 360, degs. 170 IAS. Clear, vis. good four miles. Ident by red and green TI illuminating flares. Bombed red TI and orange coloured fires 2220/2. Markers well concentrated. Orange explosions and black oily smoke 2218 to 2222 hrs. Route and tactics very effective and satisfactory. Consider a good attack.	
	LANCASTER X W. KB.794	J.9436 P/L Ellison, K.I. - Pilot		1715	0204	Primary 2219.5, 18000, 355 deg T., 150 IAS. Clear, vis. Good. Ident by red and green flares also illuminating at approx 2210. Bombed red and green TI cluster. W/S heard and gave instructions to bomb red and green. Attack seemed split in 2 parts - northern all black smoke billowing out southern large explosions which lit up sky for miles. Route and tactics ok. Very good attack.	
	LANCASTER X V. KB.777	J.29776 P/O Ashby, W.G. - Pilot		1724	0200	Primary 2218.4, 18000, 000 deg. 160 IAS. SLIGHT haze, vis. good. Ident by red and green TIs, illum. flares. Bombed centre of red and green TI. MB instruction. Red TIs seen cascading at 2010 hrs. More red than greens. Both well concentrated. Bombing well concentrated in TIs. A big orange explosion seen at 2010 hrs. Much greyish smoke coming up from target. Good attack. Route and tactics seen.	
	LANCASTER X Z. KB.739	J.92860 P/O Johnson, G.A. - Pilot		1721	0221	Primary 2219.8, 19000, 002T, IAS 160. Clear, vis. good. Ident by red and green TI and outline buildings. MB ordered to bomb to std of green and red TI. PFF concentrated bombing accurate. Large fires and explosions which lit up the sky for miles. Large column of black oily smoke at 2220 hrs. Attack, route tactics very good.	
	LANCASTER X N. KB.771	J.35506 P/O Anderson, R. - Pilot		1723	0216	Primary 2220.5, 18500, 002 deg. 160 IAS, CLEAR. Ident by illuminating flares and red and green TIs. Bombed red and green salvoes as instructed. Fires blazing furiously with quantities of black smoke and intermittent explosions. Excellent. MB handled bombing beautifully instructing undershoots, overshoots and dead on bombing of TIs and the results were good.	
	LANCASTER X K. KB.784	J.11133 P/O Googs, A.L. - Pilot		1719	1939	Abortive NGST at 5430N 0100E at 1810, 8000, Petrol leak from port engine (inner) developed and persisted after engine was feathered A/C filled with fumes. Opened all available windows and openings to let fumes out even with these openings fumes were almost unbearable. R/G almost passed out, decided to abandon operation 1730 hrs, 8000 ft. over base.	



DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
	LANCASTER X N. KB. 771	J. 27557 P/O Pauli, G.R. - Pilot		1621 East Kirby	0018	Primary 2044, 20000, 175, 150, Strat. Cu. to 12000, haze alti- strat to 21000, vis. poor. Ident by centre flares red/yellow stars. Flares green/red first seen at 2039. Orbited and bombed TI red/yellow. Well concentrated. Bomb bursts invisible. Cannot assess attack. Concentration of a/c was good. Route and tactics ok. No fighters seen - little flak. A/C straight and level when bombs dropped and until after second photograph.	
	LANCASTER X O. KB. 838	J. 87368 P/O Noel, N.A. - Pilot		1628 East Kirby	0015	Abortive OBT. All bombs brought back, sky markers disappeared into cloud before could bomb, orbited 3 times. HPP marking sparse and thought to be late. Route and tactic ok.	
	LANCASTER X P. KB. 760	J. 35506 P/O Anderson, R. - Pilot		1644 East Kirby	0035	Primary 2043, 18000, 177 deg. 16' IAS. 10/10 cloud stratus to 16000 ft. Ident and bombed red flares steady and flares green with red stars.	
	LANCASTER X Q. KB. 795	J. 12473 P/L Quinn, G. - Pilot		1632 East Kirby	0030	Primary 2035, 18000, 177, 165; 10/10 stratus tops 10000 abt str. and haze tops 21000. Ident and bombed one flare and with yellow stars. Markers must have been late. Only one we saw was the one we bombed. Owing to poor vis. conditions cannot assess attack. Poor weather conditions route and tactics good. Vapour trail could be clearly seen in the moonlight. A/C straight and level when bombs dropped. Indication light went on. A/C was in all stream during camera turn over but then straight and level some slight bank both ways which should not affect picture.	
	LANCASTER X V. KB. 777	J. 89640 P/O Pearce, G.A. - Pilot		1641 East Kirby	0028	A.O.E.T. No markers in T/A. Thin layers of haze 17-20000. Two flashes seen through cloud in T/A. 1x500 GP LD jett. safe at 2256; 5-501N 0012E 12000 ft. Rest of load brought back. No markers in T/A. Whole operation was unsuccessful.	
	LANCASTER X W. KB. 794	J. 9436 P/L Ellison, K.L. - Pilot		1618 East Kirby	0018	A.O.E.T. Cloud conditions. 10/10 stratus to 6000, haze alter stratus to 19000, vis. poor. Couldn't see sky markers flares until too late to make a sufficiently accurate run. Orbited with no better success so jettisoned bombs as positions noted. Mark- ing thought to be late. Route and tactics satisfactory. All bombs jett. (live) 4836N 0856E, 2050, 18500.	
	LANCASTER X Y. KB. 778	J. 39551 P/O Mutch, A.D. - Pilot		1630 East Kirby	0039	A.O.E.T. No markers in T/A. Slight layers of haze at 16000 ft. Target obscured by cloud one sky marker seen but went out before bombing run. Full load jett. (safe) at 50121/2 0008E, 2302.5, 13000, 160 IAS. Raid unsuccessful.	
	LANCASTER X M. KB. 820	J. 37032 P/O Walsh, D.R. - Pilot		1623 East Kirby	0025	Primary 2046, 18500, 160, 10/10 cloud tops 12000. Ident. and bombed by sky markers red with yellow stars, orbited twice. Markers were going down and disappearing into cloud before we could get to them. They were first seen at 2032 hrs. 7 min late T/A not kept well marked, too much lapse of time between each marker. Route free of flak. Tactics good. Consider attack very poor.	