

# OPERATIONS RECORD BOOK

APPENDIX "A"

R.A.F.  
Form 541.

**SECRET**

PAGE NO. 7

DETAIL OF WORK CARRIED OUT  
By No. 431 (R.C.L.T.) Squadron

FOR THE MONTH OF February 1945

Wt. empty—11,110 lbs. 841 T.S. 700  
Wt. loaded—13,114 lbs. 1,144 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		TARGET: <i>Munich, <del>Luftwaffenkanal</del></i>	DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN			
1/25/45	Lancaster X "A" KB 853	F/O J.W. Louria P/34605 Pilot	1533 2320	Primary. 1925.5 hrs. 16,500 ft. 090 deg.T. IAS 160 mph. V/S zero.				
		Identified by sky flares red with green stars, bombed same. Sky flare went out and altered direction to bomb fresh flare dropped to port. Explosions seen by the flares and black smoke over target. Large glow seen below cloud on run-up. Flying straight and level when photo taken. 7/10ths St/GU tops at 8,000 ft. Visibility good.						
	"B" KB 807	P/L S.R. Sonrensen J27561 Pilot	1526 2325	Primary. 1922.9 hrs. 15,000 ft. 071 deg.T. IAS 165 mph. V/S zero.				
		Identified by red T.I.'s and sky flares also seen. Bombed sky flares red with green stars. Sky flares dropped above us. Also saw ground detail in bombsight when bombing. Many fires and bomb bursts seen. A/C well concentrated on T.I.'s on time. Cond by S/L's through bombing run as bombed to stand when camera operated. 9/10ths St/GU tops 8,000 ft. Vis. good.						
	"C" KB 774	P/L J.C. Henry J14587 Pilot	1522 2334	Primary. 1924 hrs. 15,500 ft. 076 deg.T. IAS 160 mph V/S zero. 8/10ths St/GU tops 10,000 ft. Visibility good. Identified by flares. Bombed sky flare red with green stars. Bomb flares through cloud. Dummy fires seen short of target attracting some of our bombing. Could see the open fields about the dummy fire. Route and tactics good. Straight and level for photo.				
	"D" KB 819	P/L B.M. Kaplansky J 16510 Pilot	1530 2315	Primary. 1924 hrs. 17,000 ft. 079 deg.T. IAS 160 mph V/S ? 7/10ths cloud, visibility good. Identified by red flares and green stars. Bombed same. Bright red glow under cloud. Some small explosions, glow of fires could be seen for approximately 110 miles after leaving target. Route and tactics good. Stand wing sent down as camera operated.				
	"E" KB 812	P/L G.P. MacNeill J23038 Pilot	1523 2316	Primary. 1923.6 hrs. 16,800ft. 078 deg.T. IAS 160 mph. V/S zero. 4-5/10ths thin cloud about 4/5,000 ft. Visibility good. Identified by red T.I.'s and flares red. Bombed flares red with green. Glow of fires under cloud no explosion. Glow of fires could be seen 75 miles after leaving target. Fires scattered over fairly large area. Some brown smoke seen coming through cloud. Route and tactics very good. A/C was straight and level when bombing.				
	"F" KB 819	P/L E.C. Fuday J27562 Pilot	1525 2314	Primary. 1925.6 hrs. 16,500 ft. 060 deg.T. IAS 155 mph. V/S 280/40 4/10ths patchy cloud tops at 5,000 ft. Identified by T.I. red flares with green stars. Bombed 2 T.I. red in centre of fires. Many fires well lit fair concentration. Fires spread over a fair sized area. Flying straight and level as picture was taken. Good route.				
	"G" KB 815	P/L R.E. New J28251 Pilot	1547 2336	Primary. 1922 hrs 15,000 ft. 030 deg.T. IAS 165 mph. V/S 280/40. Clear with good visibility. Identified by T.I. green. Bombed T.I. green in centre of fires. Good concentration of fires. Flying straight with five or ten deg. to starboard. Good effort.				

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
1/2nd, 2.45	Lancaster X	P/O H.F. Williamson J27291 Pilot		1538	2321	Primary, 1925.2 hrs. 16,000 ft. 078 deg.T. IAS 165 mph. 9/10ths broken	
	"T" KB 811	cloud 4-5,000 ft. Visibility very good. Identified by red flares and green stars. Bombed same. On run-up large number of incendiary fires which were fairly concentrated. One large explosion to port and ahead 1926 hrs. Orange reddish glow lit up cloud for 5-6 seconds. Flow of fires could be seen for approximately 50 miles after leaving target. Tactics and route good.					
	QU KB 808	P/O D.A. Rombough J27999 Pilot		1532	2330	Primary, 1924.5 hrs. 16,500 ft. 060 deg.T. IAS 155 mph. W/S 280/32	
		6/10ths patchy cloud tops at 5,000 ft. Visibility very good. Identified by TI green and flares red with green stars. Bombed centre of fires. Saw many bomb bursts to centre of the town and fires. One large explosion seen to port bow 10 miles lasting 30 seconds at 1933 hours. At 4912N 0830 E orange colour then white colour. Flying straight and level when camera operated Good effort.					
	"V" KB 802	P/L J.P. Duggan J35871 Pilot		1529	2322	Primary, 1924.5 hrs. 17,000 ft. 077 deg.T. IAS 165 mph. 6/10ths thin cloud about 7,000 ft. Visibility very good. Identified visually red flares and green stars. Bombed same. Many fires both sides of the river, no explosions. Smoke coming up through the cloud. Glow of fires seen for approximately 60 miles after leaving target. Flares were scattered to about 4-5 miles from target. Route and tactics good. A/C level and straight when camera operated.	
	"W" KB 822	P/O G.E. Kercher J 25995 Pilot		1528	2309	Primary, 1925.1 hrs 17,000 ft. 074 deg.T. IAS 155 mph. 7-8/10ths broken cloud. Visibility very good. Identified by red TI's and red flares with green stars. Bombed flares with green stars. Mass of incendiaries and fires. No large explosions. Very good attack. Very good tactics. Glow under cloud could be seen for about forty miles after leaving target.	
		NONE LOAD: All A/C carried 1x4000 lb HG. N. Inst. 8 x No. 14 cluster M2 fuses; 6x80M 14 clusters T28E fuses 191 Secs.					
		TARGET: Weisbaden					
2/2.2.45	Lancaster X	P/L R.M. Kaplanaky J16510 Pilot		2027	0306	Primary. 2334.1 hrs. 20,000 ft. 090 deg.T. IAS 165 10/10ths cloud	
	"A" KB 853	solid. Tops. 20,000 ft. Ident. and bombed on Gee. Nothing seen due to clouds except white glow under cloud on leaving target. Could not assess effort due to 10/10ths cloud.					
	"B" KB 807	S/L G.H. Porter J11973 Pilot		2026	0312	Primary. 2335 hrs. 19,500 ft. 015 deg.T. IAS 150 10/10ths solid cloud tops, 10,000 ft. Bombed on Gee and H2S. Bombed on Gee. Nothing observed except orange glow. Could not assess effort.	

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FORM 541.DETAIL OF WORK CARRIED OUT  
BY No. 321 (R.C.A.F.) SquadronSECRETPAGE NO. 8

\*15181-95111 Wt. 26721-1136 T.S. 1044

FOR THE MONTH OF February 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWNS		
2/3 2.45	Lancaster X "C" KB 806	P/O D. A. Rosborough J57999 Pilot	2021	0327	Primary. 2337 hrs. 18,000 ft. 081 deg. T. IAS 155 10/10ths layered cloud, tops 19,000 ft. Visibility poor. Ident. One red glow under cloud. Bombed on one. Fairly bright glow under cloud. Many small explosions. A very large orange explosion at 2345 hours. Difficult to assess due to cloud. Could see glow under cloud for about 25 miles. Jettisoned 135 x 4 lb. IB + 150 x 4 lb. "X" type. 50. 20% oil. 100% 0125 hrs. 10,000 ft. Bomb sight u/a. Could not assess attack due to cloud.		
	"D" KB 774	P/L J. G. Henry J14687 Pilot	2023	0309	Primary. 2335 hrs. 18,500 ft. 080 deg. T. IAS 155 10/10ths stratus tops 12,000 ft. Vis. poor. Ident. and bombed on one. One large red explosion seen over target followed by green flash. No markers seen. Other a/o not seen. More explosion seen after leaving target. Smoke was penetrating clouds. Could not assess.		
	"F" KB 801	P/O J. W. Korp J59848 Pilot	2022	0311	Primary. 2339.2 hrs. 20,000 ft. 083 deg. T. IAS 155 10/10ths cloud tops 8,000 ft. Ident. and bombed on one. Due to cloud nothing but white glow seen. At approx. 2336 hrs. a very bright red flash seen through cloud. H2S u/a. Poor attack.		
	"G" KB 818	P/L S. P. Sorenson J57861 Pilot	2025	2207	Sortie N.O.E.T. Jettisoned 1 x 4,000 lb. HI. Inst. 5a 36° X 90 55° E 2308 hrs. 7,200 ft. 1350 x 4 lb. IB + 150 x 4 lb. "X" type. 5a. 42% oil. 2512 2346 hrs. 4,000 ft. Stbd inner u/a low speeding had to be feathered. Directional gyro u/s and P4 lagged. One partially u/a.		
	"H" KB 810	P/L E. C. Turley J27562 Pilot	2015	0332	Primary. 2341.5 hrs. 19,500 ft. 082 deg. T. IAS 150 10/10ths cloud tops 19,000 ft. Vis. hazy. Ident. and Bombed on one. Explosions seen through cloud. White glow seen a/c well concentrated over target. Could not assess attack.		
	"I" KB 819	P/L Bourne, J. E. R. 138605 Pilot	2021	0304	Primary. 2336.8 hrs. 19,000 ft. 082 deg. T. IAS 155 10/10ths solid cloud tops. 20,000 ft. Ident. and bombed on one. Nothing observed due to cloud other than white yellow glow. Good concentration over targets.		
	"K" KB 815	P/L L. E. New J58451 Pilot	2017	0327	Primary. 2336 hrs. 18,500 ft. 081 deg. T. IAS 155 10/10ths cloud S/I tops 26,000 ft. Vis poor. Ident. and bombed on one. A few explosions seen reflecting on clouds. All incendiaries would not release. Electrical releases for bombs oxygen u/a. Attack thought to be scattered.		
	"L" KB 847	P/O R. J. Murphy J35426 Pilot	2016	0300	Primary. 2344.5 hrs. 20,000 ft. 100 deg. T. IAS 155 10/10ths cloud. (Stratus) tops 20,000 ft. Vis. good. Ident. and bombed on one. Explosions seen reflecting on clouds. Glow from fires also seen. Were in cloud and could only see about three other aircraft. No markers seen at all. Bomb sight u/a. No results estimated.		

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
2/3.2.45	Lancaster X	P/O H.P. Williamson J27593 Pilot	2029	0316	Primary.	2338.8 hrs. 19,500 ft. 100 deg.T. IAS 155 10/10ths	
	" " KB 811	stratus tops 20,000 ft. Vis. poor. Ident. One fix. A few explosions seen to light up cloud. One large explosion seen at 2343 hrs. A/C well concentrated over target. Difficult to assess.					
	" " KB 802	P/L J.P. Dugan J15871 Pilot	2031	0334	Primary.	2339.9 hrs. 19,000 ft. 088 deg.T. IAS 155 10/10ths	
		Cloud tops. 20,000 ft. Ident. and bombed on Gce. Two good sized explosions cloud obscured results bombing appeared concentrated.					
	" " KB 822	P/O G.E. Macrae J25995 Pilot	2024	0332	Primary.	2344 hrs. 18,500 ft. 084 deg.T. IAS 160. 10/10ths	
		Cloud tops 20,000 ft. None. Ident. and bombed on Gce. Cloud obscured results but bombing appeared concentrated.					
		BOMB LOAD:- All A/C carried. 1 x 4,000 lb HE Nose Inst. + 150 x 1lb. Inc. + 150 x 4lb. Inc. X Type.					
		TARGET:- B-O N N.					
		BOMB LOAD:- All A/C carried 1 x 4,000 lb HE. N. Inst. & 15 x 150 x 4 lb. Inc. 10g X Type.					
4/5.2.45	Lancaster X	P/L KB 853	J16510 Pilot	1735	2339	Primary. 2051.6 hrs. 18000 ft. 055 deg.T. IAS 160 mph. W/S	
		105/6th clouds. Ident. by red and green flares. Bombed red T/T's. Large flow of fires seen after leaving target with many explosions. Route and tactics very good. Stbd. wing went down as camera operated. Very good concentrated attack.					
	" " KB 807	P/O John Keates J27235 Pilot	1723	0027	Primary.	2053 hrs. 18,500 ft. 045 deg.T. IAS 165 mph. W/S 10/10ths	
		cloud at 5,000 ft. Ident. by Gce and red glow. Bombed on Gce. Glow of fire soon over clouds after leaving target. Seemed fair attack. Level flight when picture taken. Route and tactics good.					
	" " KB 741	P/O J.W. Young J25116 Pilot	1732	0027	Primary.	2052.4 hrs. 19,000 ft. 054 deg.T. IAS 160 mph. W/S 305/64.	
		10/10ths clouds. tops at 20,000 ft. Ident. by T/T green and Gce. Very good glow seen for 75 miles. Flying straight and level when camera operated. Route and tactics good but PFF poor. Should be good attack.					
	" " KB 774	P/L J.C. Henry J14687 Pilot	1726	0018	Primary.	2056 hrs. 19,500 ft. 000 deg.T. IAS 155 mph. 10/10ths	
		cloud tops 10,000 ft. Ident. by Gce and glow of fire. Bombed on Gce and glow of fire on clouds. Fair attack, unable to assess owing to cloud. Sky marking went out when we approached target. Steep turn to add to miss another A/C while camera operated. Fair attack, route and tactics good.					
	" " KB 812	P/L G.F. McNeall J25058 Pilot	1735	0009	Primary.	2057 hrs. 20,000 ft. 050 deg.T. IAS 160 mph. W/S - zero.	

/Cont'd.

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BY No. 432 (R.C.A.F.) Squadron

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FOR THE MONTH OF February 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
4/3/245	Lancaster X	F/L S.P. Symmons J5786 Pilot	1715	0027	Primary. 2054 hrs. 19,000 ft. 052 deg.T. IAS 160 mph. V/S 305/64		
"	KB 618	Ident. by glow of fires over cloud. Bombed glow of fires. No detail seen due to thick cloud. No flares of TI's seen. Second scattered attack. Route and tactics good. Level flight when pictures taken.					
"	KB 619	F/L G.V. Pritchard J15773 Pilot	1721	0053	Abortive O.R.T. 10/10ths solid cloud, tops 10,000 ft. Vis. good. Ident. by flares red with green stars. Could not release bombs over target and had difficulty to release normally over jetting area. Glow of fires seen for 20-30 miles after leaving target. Jetted one 1 x 4000 lb. at 5213 ft. 0253 hrs. 2257 hrs. 8,000 ft. Rest of load brought back.		
"	KB 615	F/L R.R. New J85451 Pilot	1728	0022	Primary. 2051.3 hrs. 19,000 ft. 054 deg.T. IAS 160 mph. 10/10ths stratus tops at 8-10,000 ft. Vis. good above cloud. Ident. by flares red with green stars. Bombed on cue. Dim glow under cloud could be seen for one hour after leaving target. Route and tactics good. Attack seemed concentrated. P.M. late. A/V straight and level while camera operated.		
"	KB 609	F/O J.W. Hodge J89848 Pilot	1737	0027	Primary. 2051.2 hrs. 19,000 ft. 054 deg.T. IAS 155. V/S - none. 9/10ths cloud, tops 12,000 ft. Vis. good. Ident. by sky markers red with green flares. Bombed glow of sky markers. Sky markers went through cloud tops. Fires over wide area seen for 75 miles after we left target. Route and tactics good. appeared to be good attack.		
"	KB 617	F/O E.J. Buckley J55126 Pilot	1734	0009	Primary. 2051.7 hrs. 20,000 ft. 043 deg.T. IAS 160 mph. V/S - none. 10/10ths thin stratus, tops 8,000 ft. Ident. by flares red with green stars. Bombed on cue and glow through cloud. P.M. late. Yellow red glow seen through cloud. Glow over 100 miles from target. Fair effort. Route and tactics O.K. Flying straight and level for photo.		
"	KB 613	F/O R.R. New J85454 Pilot	1742	0025	Primary. 2053 hrs. 18,000 ft. 053 deg.T. IAS 165 mph. 10/10ths SP/CT tops at 10-12,000 ft. Ident. by Gee and sky markers red with green stars. Bombed on cue. Red glow in sky seen for 30 miles after leaving target. Route and tactics good. flew straight and level while camera operated.		
"	KB 608	F/O D.A. Brough J57799 Pilot	1739	0012	Primary. 2052.1 hrs. 18,000 ft. 030 deg.T. IAS 160 mph. 10/10ths cloud tops 8,000 ft. Ident. by Gee and glow of fires. Bombed on Gee fix and glow of fires. Appeared to be fair concentration and glow of fires good. Flying straight and level for camera operation. Route and tactics good. P.M. late and scattered. P.M. appeared to be fair attack.		
"	KB 602	F/O D.L. Murray J52255 Pilot	1740	0025	Primary. 2051.4 hrs. 19,000 ft. 053 deg.T. IAS 155. V/S 305/64. 10/10ths thin cloud, tops 7-8,000 ft. Ident. by TI red and flares red with green stars. Bombed glow of TI red. Rose colored glow through cloud after leaving target. Could see glow for 100 miles after leaving target. Fair effort, route and tactics good.		

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES					
				UP	DOWN							
Cont'd....												
Tactical good. Straight and level when camera operated.												
4/5/24/45	Lancaster X "N" KB 822	P/O G.E. Kercher J25925 Pilot	1726	0007	Primary	2052.7 hrs. 19,500 ft. 053 deg. T. TAS 160 mph. W/S 316/52.						
			10/10ths cloud, tops 20,000 ft. Ident. by Gee fix.		Bombed Gee fix. Fires burning very well as glow seen for 100 miles.							
			Results obscured by cloud. 10 deg bank to port as camera operated. Tactics and route very good. PI/P very poor. Radio appeared fair.									
TARGET: G O C H .												
BOMB LOAD: A/C A,C,E, & S carried: 1 x 4,000 lb HE N Inst. + 2 x 500 lb MC TD .025 + 8 x 500 lb ANH 64 TD .025.												
			A/C F, & G, carried: 1 x 4,000 lb MC NInst. + 12 x 500 lb MC TD .025.									
			A/C H, & T carried: 1 x 4,000 lb HE N Inst. + 10 x 500 lb MC TD .025 + 6 x 250 lb GP Tail inst.									
			A/C K & R carried: 1 x 4,000 lb HE N Inst. + 9 x 500 lb MC TD .025 + 1 x 500 lb GP TD .025 + 6 x 250 lb GP Tail inst.									
			A/C U carried: 1 x 4,000 lb HE N Inst. + 7 x 500 lb MC TD .025 + 6 x 250 lb GP Tail inst. + 3 x 500 lb ANH 64 TD .025.									
			A/C V carried: 1 x 4,000 lb HE N Inst. + 12 x 500 lb MC TD .025 + 1 x 500 lb GP TD .025.									
7/8/24/45	Lancaster X "A" KB 855	W/C R.F. Davenport C.190 Pilot	1903	0126	Abortive O.S.T.	Jettisoned 6 x 250 lb GP Tail Inst. and 2 x 500 lb MC TD .025. Allotted area, 2332 hrs. 8,000 ft. Brought remainder back. We were over target at 2228.6 hrs. and overshoot TI's and it was only then we heard M.B. give instructions to bomb TI's red and green. On the orbit we heard basement figure and as we prepared to change tactics, M.B. was heard to say call it off.						
	"C" KB 741	P/O J.W. Louis J25316 Pilot	1859	0125	Abortive O.S.T.	10/10ths cloud. Tops 7-8,000 ft. Vis. good. Ident. Gee and glow of green and red TI. Some bomb bursts below cloud, unable to assess. Jettisoned 6 x 250 lb GP tail inst.						
			1 x 500 lb ANH 64 TD .025 USA safe. 53 04'W 00 32'N 0026 hrs. 5,000 ft. Brought remainder back. Made two orbits but couldn't be sure of target and couldn't hear M.B. no abandoned attack. Very poor attack. T/A 2225 hrs. 7,500 ft. M/S 109 came from Stbd bow firing three second burst then dived and was again seen at about 500 yds. to stbd. Corkscrewed to stbd. and B/A was lost to sight.									
	"B" KB 831	P/O B.M. Koplosky J16510 Pilot	1901	0115	Abortive. O.S.T.	Jettisoned 6 x 250 lb GP Tail inst. 53 03'N 09 30'W, 0021 hrs. 8,000 ft. Brought remainder back. Went in at 10,500 ft and M.B. was heard to say bomb centre of Green TI but we could not see them so we did an orbit and we then heard call it off at 2228.3 hrs.						
	"B" KB 774	P/O J.C. Henry J16587 Pilot	1915	0132	Abortive O.S.T.	10/10ths cloud tops. 6,000 ft. Ident. Gee and glow. Ordered to abandon mission at 2225 hrs. Glow of TOR and G and bomb flashes seen through cloud. Jettisoned 7 x 500 lb MC TD .025 53 02'N 00 28'W, 00 30 hrs. 8,000 ft. Brought remainder back.						

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APPENDIX "A"

R.A.F.  
FORM 541.

**SECRET**

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\*1321-9211 WL 0722-1156 2M 1044 T.S. 300

DETAIL OF WORK CARRIED OUT  
BY No. 431 (R.C.A.F.) Squadron

FOR THE MONTH OF February 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
7/2 2.45	Lancaster I	P/L J.G. Henry J14687 Pilot	1915 0132			Abortive O.E.T. 10/10ths cloud tops, 6,000 ft. Ident. One and glow.	
" "	EB 724	Ordered to abandon mission at 2225 hrs. Glow of T.O. and G bomb flashes seen through cloud. Jettisoned 7 x 500 lb ND TD					
		2025 03 02M 00 26M, 00 30 hrs.	5,000 ft.	Brought remainder back.			
		S 810	P/L E.G. Turkey J27562 Pilot	1918 0136		Primary. 2228.8 hrs. 5,000 ft. 053 degs.T. IAS 160. 10/10ths	
						cloud. Tops, 6,000 ft. Ident. Red and Green T.I. Bombed T.I red and green as per M.B. Large explosions seen on leaving target. Second good concentrated attack.	
		S 815	P/L R.R. New J851451 Pilot	1923 0121		Primary. 2226 hrs. 5,000 ft. 045 degs.T. IAS 170. Clear and good	
						vias. 10/10ths above. Height calling 6,000 ft. Ident. SI red and green visually and one fix. Bombed centre of SI red	
						and green. Some explosions seen and fires. Good except 10/10th cloud in 7/1 starting 6,000 ft. A very excellent	
						attack. Well concentrated straight and level.	
		S 827	P/O F.J. Harley J2526 Pilot	1921 0107		Primary. 2228.3 hrs. 10,000 ft. 013 degs.T. IAS 160. 8-9/10th	
						cloud - thin. Tops, 7-8,000 ft. Vis. good. Ident. Green and Red T.I. checked by one. Bombed Red and Green T.I. Heard	
						M.B. before bombing. T.I.'s were visible through break in cloud. A fairly good concentration of T.I.'s. Smoke and dust	
						rising to about 4,000 ft. Some fires seen. Bombing very concentrated, then M.B. called the attack off at 2218.3 hrs.	
		S 831	P/O G.W. Percival J15773 Pilot	1904 0141		Abortive. 0.3. 9-10/10th cloud, tops, 7-8,000 ft. Vis.	
						good. Ident. One and red and green T.I. Heard M.B. to order not to bomb above cloud after orbiting and bomb centre of red	
						and green T.I. being carefull not to undershoot. Then ordered main force to abandon mission at 2223 hrs. Bomb bursts	
						seen, but could not assess due to the cloud. After leaving target T.I.'s were seen and seemed to be well concentrated. Brought	
						back full loads.	
		S 831	P/O D.L. Rosborough J87999 Pilot	1920 0113		Primary. 2220 hrs. 12,000 ft. 043 degs.T. IAS 160.	
						9-10/10th cloud. Thin. Ident. Green T.I. and few red. Bombed T.I. green. M.B. heard to say basements. A quiet target with	
						nothing to report except a huge glow.	
		S 836	S/L R.W. Smith J2522 Pilot	1914 0119		Abortive O.E.T. Jettisoned 6 x 250lb GP tail incs. 2 x 500lb.	
						AGH 64 TD .025 USA allotted area. 0025 hrs. 8,000 ft. Brought remainder back. On approach to target couldn't hear	
						M.B. until immediately over and was heard to say bomb red and green T.I.'s, but too late. We made an orbit at 2225 hrs.	
						M.B. was heard to say abandon mission.	
		S 832	P/O D.L. Murray J29255 Pilot	1926 0050		Primary. 2227.8 hrs. 11,000 ft. 041 degs.T. IAS 160. 8-9/10th cloud	
						Bombed Red and Green T.I.'s. Fires seen through breaks in clouds on	
						leaving target. Diff on should be good attack.	

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FORM 541

**FORM 541.**

DETAIL OF WORK CARRIED OUT  
By No. 432 (R.C.A.F.) Squadron

**SECRET**

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FOR THE MONTH OF February ..... 1945.

**SECRET**

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
13/14. 2.45	Lancaster X	TARGET: D.R.E.S.D.E.N.					
	BOMB LOAD:	All A/C carried 1 * 4,000lb. HE N Dist. + 7 * 500lb. bombs.					
13/14. 2.45	Lancaster X	S/L R.F. Davenport J3790 Pilot	2126	0728		Primary. 0135 hrs. 10,000 ft. 080°T. IAS 155 W/S 287/TQ. Clear.	
"A" KB 853		Target ident. TI's red and glow of fires. Bombed TI's red, on master bomber's instructions. Many different coloured fires with blue, and purple flashes standing out. Fires seen for a hundred miles on run in and out of target. M/S very clear. Landed safely.					
"B" KB 807	P/O F.G. Higgin J37667 Pilot	2029	0749			Primary. 0137 hrs. 10,000 ft. 080°T. IAS 155. Clear, cloud broke at edge of town. Ident. visual and flares red with green stores. Bombed TI's red as instructed by M/B. Whole town around sighting point ablaze as well as north of the river. Fires seen for over a hundred miles. Excellent attack.	
"H" KB 830	S/L E.C. Tucker J27562 Pilot	2126	0733			Primary. 0135.2 hrs. 17,500 ft. 070°T. IAS 160. Clear, slight haze in target area. Target ident. TI's R & G and visually. Bombed TI's R as instructed by M/B. Many fires and explosions covering area south of the river with smoke up to 10,000 ft. Very good attack. Route and tactics very good.	
"Z" KB 831	P/O V.W. Louise J37916 Pilot	2121	0746			Primary. 0131.1 hrs. 19,000 ft. 010°T. IAS 150. Clear. Ident. visually and TI's R/G. Bombed TI's R as per M/B. Target burning well and could be seen for 60 miles into target and 150 out. Excellent attack.	
"T" KB 812	S/L G.L. Newell J29058 Pilot	2123	0735			Primary. 0132.3 hrs. 18,000 ft. 064°T. IAS 155. Clear with smoke haze. Ident. by TI's G, and bombed TI's R, as instructed by M/B. Whole city ablaze with fires and several large explosions. Could see fires for 120 miles on route and 200 on route home. Very good attack.	
"K" KB 815	S/L C.H. Furter J37873 Pilot	2115	0656			Primary. 0132 hrs. 17,000 ft. 072°T. IAS 160. Clear. Ident TI's R & G and visual. Bombed visually. Fires seen for a hundred miles on run in and out of target. Gee and H2S u/s. Radio u/s at 7°E. Good attack. Landed at Swindon to refuel.	
"X" KB 827	P/O H.C. Grainger J37870 Pilot	2118	0324			Absentive N.O.E.T. Gee, rear turret and R/T receiver u/s. Jettisoned full load safe 50 27°N. 08 00°E. 0106 hrs. 8,000 ft.	
"Q" KB 809	P/O S.P. Sorenson J37861 Pilot	2104	0804			Primary. 0130.7 hrs. 18,000 ft. 080°T. IAS 155. 3/10ths thin cloud with tops 4/5,000 ft. Ident. TI's R & G and M/B. Bombed TI's G, as per M/B. Many large and small fires covering target area with smoke rising to about 12,000 ft. Many small and large explosions with one very large one at 0129 hrs. Fires could be seen for 150 miles after leaving target. Route and tactics good. Excellent attack.	

# OPERATIONS RECORD BOOK

APPENDIX "A"

U.S.A.F.  
FORM 541.

DETAIL OF WORK CARRIED OUT  
BY No. 432 (R.C.A.F.) Squadron

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FOR THE MONTH OF February 1945

\*1341-2111 WL 20721-2156 72W 1044 T.S. 800

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
13/14.2.45	Lancaster X (cont'd)	on T/A. Ident. TI's R. and via. Bombed TI's Red as M/B's instructions. Very concentrated fires with smoke up to 7,000 ft. Very good attack.	"B" KB 817				
	P/O G.W. Glaholt J12128 Pilot	2125 0737 Primary. 0133 hrs. 18,000 ft. 035°T. IAS 155. Clear in T/A with haze and smoke. Ident. via. and TI's R & G. Bombed red TI's as per M/B. Concentrated attack. Could make out landmarks. Fires and explosions close to centre of city. After leaving target smoke seen above cloud tops up to 10,000 ft. A/G well concentrated. At 00°N. 11 00'E. 085 hrs. 1,000 ft. homeward a Ju.88 came in dead astern. We acknowledge to stbd. Mid upper gave short burst (3 stoppages). As corkscrew was followed through to stbd T/A disappeared. Fishpond not attended at time. No claim. At 00°N. 09 00'E. 0913 hrs. 13,000 ft. Homeward a Ju.88 came in to 200 yds from stbd. quarter below. Corkscrewed to stbd. and T/A came in again from port quarter. Both gunners fired, dusting belly of T/A from nose to stern as we continued to evade. Claim probably damaged.	"C" KB 811				
	P/O E.M. Koplansky J16520 Pilot	2122 0745 Primary. 0132.4 hrs. 18,000 ft. 046°T. IAS 155. Clear via. good. Ident. 313 flares and TI's RAG. Bombed TI's R as per M/B. 3 large explosions seen. Whole central town area was burning. Great pall of smoke and fires seen for 150 miles on return journey. Very good attack.	"D" KB 808				
	P/L J.P. Dawson J15871 Pilot	2138 0729 Primary. 0130 hrs. 18,000 ft. 060°T. IAS 155. Clear in T/A with slight ground haze. Target ident. via. and TI's R & G. Bombed TI's G. as per M/B. Town well on fire on both sides of the river. Fires lit up city very brightly. Very good effort.	"E" KB 802				
	P/O E.R. Keen J19306 Pilot	2119 0750 Primary. 0130 hrs. 17,000 ft. 012°T. IAS 155. Clear over target area, very good. Ident. red and green TI's, and bombed green according to M/B's instructions. Target area was a mass of flames with smoke rising to approx. 8,000 ft. One large explosion at 0132 hrs. Could see fires for 150 miles after leaving target. Exceptionally good attack. Jetison toggle used to release bombs.	"F" KB 822				
	P/L G.W. Pescivell J15773 Pilot	2126 0726 Primary. 0130.8 hrs. 19,000 ft. 080°T. IAS 150. Clear. Ident. fires and flares red with green stars. Bombed centre of TI's R & Green. Concentration of fires around aiming point very good. 1 x 200 lb. N.C. T.D. 0.025 brought back. Good attack.	"G" KB 837				
14/15.2.45	TARGET: G.H.R.N.N. P.T.Z.						
	BOMB LOADS: All A/G carried 1 x 4,000 lb. HE Nose Inst. + 6 500's (150 x 1 lbs).						
	Lancaster X	P/O F.G. Moore J15683 Pilot	1612 0203 Primary. 2002.8 hrs. 18,000 ft. 040 degs T. IAS 155. 5/20th				
	"B" KB 807	Cloud. 17,000 ft. tops. Ident. red and green TI's. Bombed red and green TI's. Many fires, seemed scattered. A/G not near N.C.					

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
	Lancaster I "D" KB 774	P/O J.S. Patterson Pilot	1633	0137	Primary. 2109.3 hrs. 18,500 ft. 030 degs T. IAS 155. 10/10th thin cloud. Tops 18,500 ft. Ident. TI Red, bombed 1 red TI in centre of incendiaries. Did not get a good lock at target owing to cloud conditions, but appeared scattered. S/A 2122 hrs. 18,500 ft. u/i S/A came in from ten o'clock and fired a short burst as we circled around to port. Fishpond responded very well and R/A disappeared into cloud.		
"K" KB 811	V/L S.P. Norrington Pilot	1630	0142	Primary. 2106.1 hrs. 19,000 ft. 040 degs T. IAS 150. 7-8/10th thin layered cloud tops. Vis poor. Ident. glow of fires under cloud. Bombed concentration of fires. Many fires seemed to be emerging into one large one. One small bomb explosion, black heavy smoke hanging over target area at about 19,000 ft - seemed to be from a previous attack. Fires could be seen through breaks in cloud for about 20 miles after leaving target. Attack scattered. PIY poor and uncertain. M.B. not sure as he instructed to bomb flak but none were seen.			
"T" KB 812	P/O H.C. Grainger Pilot	1642	0228	Primary. 2107 hrs. 18,000 ft. 035 degs T. IAS 155. 10/10th clouds. Ident. fires and visual, bombed centre of fire concentration. Incendiaries appeared scattered through cloud. M.B. instructions of no assistance. Appraised to be fair effort only.			
"H" KB 810	P/O E.G. Tucker Pilot	1646	0136	Primary. 2107.2 hrs. 19,000 ft. 020 degs T. IAS 150. 10/10th thin layer cloud at 19,000 ft. Ident. fires and green flares with red stars. Bombed centre of fires. Appeared to be scattered attack, parts of city burning well. Moderate attacks.			
"V" KB 819	P/O J.W. Lourie Pilot	1648	0152	Primary. 2107 hrs. 20,000 ft. 020 degs T. IAS 150. 8/10th cloud, tops 8,000 ft. Vis fair. Ident. glow from fires and good DR. Bombed fire glow. Concentration developing in centre of town on our approach.			
"P" KB 773	P/O D.L. Murray Pilot	1704	2322	Abortive O.R.T. Jettisoned full load 50 lb/HO 26mg. 2135 hrs. 14,000 ft. 3 engines were failing to give sufficient power to enable A/C to climb above 15,000 ft. Rear turret U/S - furthest point reached 50 08'W 06 17'N.			
"Q" KB 809	P/O D.E. Dombiggin Pilot	1655	0209	Primary. 2106.3 hrs. 20,000 ft. 035 degs T. IAS 175. 9/10th clouds. 15,000 ft. tops. Ident. Red and Green flares and Red TI. Bombed TI Red. Large glow on clouds and after leaving target we could see under cloud and target was well ablaze.			
"R" KB 813	P/O G.W. Glahs Pilot	1702	0206	Primary. 2105.5 hrs. 20,000 ft. 035 degs T. IAS 150. Medium cloud broken. 17,000 ft. tops. Ident. DR and Gce. Bombed sighting head and good DR. Wengenai bursting in the clouds with green glow seen through cloud. M.B. not heard clearly and not very helpful. After leaving target we could see under cloud and target was well ablaze.			

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FOR THE MONTH OF February 1945

\*1323-95111 WL 28792-2126 73W 1944 T.S. 800

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
14/15. 2.45	Lancaster X "V" KB 806	S/L R.M. Smith J3532 Pilot 15,000 ft tops. Ident. H2S and Red and Green flares. Bombed Red and Green flares according to M.B. instructions. Many fires in T/S but due to cloud no detail seen. Seemed very scattered attack.	1636 0355	Primary. 2104 hrs. 18,000 ft. 055 dega.T. IAS 155. 10/10th cloud.			
	"V" KB 802	E/M J.P. Hudson J35871 Pilot thin cloud. Ident. H2S and flares green and red stars. Bombed flares green and red stars. Small incendiary fires seen over wide area.	1703 0156	Primary. 2203.1 hrs. 18,500 ft. 055 dega.T. IAS 170. 10/10th			
	"V" KB 822	E/O E.R. Lewis J39062 Pilot thin cloud. Ident. flares green with red stars. Bombed green T/S. Scattered attacks because of cloud and M.B. uncertain as to direction. Route too close to Frankfurt as we were lit up for fighter opposition.	1656 0357	Primary. 2204.2 hrs. 19,000 ft. 042 dega.T. IAS 160. 10/10th			
	"V" KB 837	E/M G.W. Parry J35773 Pilot thin cloud, tops 17,500 ft. Ident. T/S going down and M.B.'s instructions. Bombed centre of glow of fires. Cloud obscured results, but incendiaries appeared scattered. M.B. not getting co-operation.	1653 0351	Primary. 2306 hrs. 19,500 ft. 010 dega.T. IAS 150. 10/10th thin			
		TARGET: D O R T M U N D. BOMB LOAD: 1 x 4000lb. HI Nose Inst. + 10 SPG's (150 x 4lb).					
20/21. 2.45	Lancaster X "A" KB 853	S/L C.H. Porter J11973 Pilot tops 13 1/2,000 ft. T/S's red and green and sky markers. Bombed T/S's red and green. Good glow seen after bombing but unable to assess due to cloud condition.	2112 0406	Primary. 0101.3 hrs. 19,000 ft. 025T. IAS 160. 9/10th thin cloud,			
	"B" KB 807	E/O F.G. Nease J35683 Pilot tops at 7,000 ft. Ident. red and green T/S's and bombed red T/S's. On leaving target many fires and explosions seen 100 miles away. Fair attack.	2111 0429	Primary. 0101.2 hrs. 18,500 ft. 028T. IAS 160. 10/10th thin cloud.			
	"D" KB 774	E/L J.G. Henry J14587 Pilot with tops 12,000 ft. Target ident. sky flares and red T/S. Bombed on red T/S. Early in attack but flares from 4000lb. seen after leaving target. W/T jammed in T/S.	2135 0407	Primary. 0102.4 hrs. 18,000 ft. 030T. IAS 155. 8-9/10th cu.,			
	"F" KB 812	E/O G.W. Glaholt J36126 Pilot 8,000 ft. Target ident. sky markers and glow of red T/S's. Bombed glow of T/S's. Fires were starting as target was approached and white explosion seen just before bombing.	2134 0421	Primary. 0102.0 hrs. 19,000 ft. 028T. IAS 155. 7-8/10th with tops			
	"V" KB 819	E/O J.W. Laurie J35116 Pilot at 7,000 ft. Target ident. T/S's and sky flares. Bombed sky flares green with red stars as ground marking which was soon going down because obscured by cloud. Fires seen developing about five minutes after bombing.	2118 0409	Primary. 0106.0 hrs. 18,500 ft. 025T. IAS 155. 10/10th cu., tops			

Berewith list of points, trips, and hours of P/O Kopp and crew - mission on 20/21st February, 1945.

	POINTS	TRIPS	HOURS
P/O Kopp	36	9	67.00
P/O MacGugan	32	8	65.00
W/O Lehman	20	5	41.00
F/S Hoffman	28	7	54.00
F/S Dailey	32	8	64.00
F/S Newman	32	8	64.00
Sgt. Dickson	26	7	54.00

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
20/21, 24.45	Lancaster X "K" KB 815	P/L R.E. Haw J85451 Pilot	2139	0439	Primary. 0107.6 hrs. 18,000 ft. 015T. IAS 165. 10/10ths thin S.C. with tops 4,000 ft., via good. Target ident. T.I.'s and sky flares. Bombed glow red and green T.I.'s. Large area burning. Target kept very well marked. A/C well concentrated in T/A.		
	"M" KB 827	P/L S.P. Sorenson J87861 Pilot	2139	0446	Primary. 0108.7 hrs. 19,000 ft. 030T. IAS 155. 9/10ths thin cloud, with tops 5,000 ft. Ident. target by green flares with red stars and bombed centre of three of these. Concentration of bombing appeared good.		
	"Q" KB 809	P/O J.W. Kopp J89848 Pilot	2125	0200	This A/C was airborne at 2125 hrs, since then nothing has been heard from it.		
	"R" KB 847	P/L B.M. Kaplinsky J16510 Pilot	2143	0419	Primary. 0108.3 hrs. 18,000 ft. 015T. IAS 165. 8/10/10ths S.C. with tops at 5,000 ft. via. good. Target ident. E. & G. T.I.'s and sky flares. Bombed concentration of E. & G. T.I.'s. A/C well concentrated. PFF groundmarking well concentrated. Some fires and fairly large explosions seen. Target area 0109 hrs. 18,000 ft. stbd. fine gtr. to within 200 yds after attacking another Lancaster. MU/R & R/G each fired a short burst. E/A came in again from dead astern and both gunners again fired short bursts. The E/A caught fire and exploded in the air. Horizontal tracer was seen to hit the E/A by the W/G before it exploded. One (1) Ju.88 claimed destroyed. Target area 0111 hrs. 18,000 ft. Ju.88 seen flying parallel off port str. E/G fired short burst and outer portion of stbd. wing and part of tail plane seen to break off. E/A then spun down through clouds. One (1) Ju.88 is claimed as destroyed.		
	"T" KB 811	P/O J.S. Patterson J37052 Pilot	2138	0449	Primary. 0126 hrs. 14,500 ft. 025T. IAS 155. 10/10ths S.C. with tops 3-4,000 ft. Target ident. green flares with red stars and red housing. Bombed red glow of fires with in boundary glow scattered around fires. Late on target, attack appeared good though a bit scattered. Late bombing because mid. engine feathered over channel.		
	"U" KB 808	P/O E.J. Harley J35426 Pilot	2109	0427	Primary. 0107.8 hrs. 18,000 ft. 020T. IAS 150. 8/10ths medium cloud with tops 3,000 ft. Target ident. green flares with red stars and red housing. Bombed red glow of fires with in boundary glow scattered around fires. Late on target, attack appeared good though a bit scattered. Late bombing because mid. engine feathered over channel.		
	"V" KB 802	P/L G.W. Percival J15773 Pilot	2008	0453	Primary. 0117 hrs. 18,000 ft. 025T. IAS 150. 10/10ths Stratus. 4/5,000 ft. via. good. Target ident. T.I.'s and sky flares. Bombed fires as markers had gone out. Target well lit up by fires. Many a/c seen over target. D.R. Compass u/s after course set. Attack appeared good.		
	"W" KB 822	P/O E.R. Leon J93064 Pilot	2126	0426	Primary. 0111.5 hrs. 19,000 ft. 019T. IAS 155. 9/10ths patchy cloud		

# OPERATIONS RECORD BOOK

 APPENDIX N<sup>A</sup>

 R.A.F.  
FORM 541.

 DETAIL OF WORK CARRIED OUT  
BY No. 431 (R.C.A.F.) Squadron

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\* (131) - 93111 WL 28724-2156 73W 1044 T.S. 800

FOR THE MONTH OF February 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
20/21.2.45	Lancaster X	to 20,000 ft. Target ident. and bombed on red T.I.'s. One large and many small fires seen. Some large explosions seen on centre of target. Fair attack.					
"W" KB 822							
"W" KB 837	E/O D. A. Redfough J87999 Pilot	2113 0436 Primary, 0110.2 hrs. 18,500 ft. 008°T. IAS 155. 10/10ths thin cloud to 10,000 ft.					
		Ident. T.I.'s R & G and bombed T.I.'s R. Fires and explosions seen over whole target-area. Rear turret U/S. Good attack.					
	TARGETS - D-U-I S B U R G.						
BOMB LOADS: All 1/C carried 1 x 4000lb. HE Nose Inst.							
A/C A,P,J,P,S,U,X carried 8 APC's (150 x 1lb).							
A/C B,E,H,K,M,N,V carried 11 x 50-lb. MC/L clusters.							
21/22.2.45	Lancaster X	E/G R.F. Davenport G190 Pilot	1921 0207 Primary. 2307.6 hrs. 18,000 ft. 040°T. IAS 155. 8/10ths patchy alto cumulus, tops 5,000 ft. Target ident. T.I.'s Red and green and G' housing. Bombed centre of 2 R.A.G. T.I.'s. Target appeared to be well ablaze with HE bombs exploding along the fires and covered fairly large area.				
"A" KB 853							
"B" KB 807	E/O F.G. Moore J35683 Pilot	1913 0226 Primary. 2307.3 hrs. 18,500 ft. 041°T. IAS 155. 8-10/10ths med. cloud, tops 10,000 ft. Target ident. T.I.'s R, G, & G. Skywriter flares. Bombed T.I.'s G. Attack was progressing good with a number of orange mushroom explosions and smoke to a good height.					
"B" KB 831	F/L S.P. Sonnerup J87861 Pilot	1906 0201 Primary. 2307. hrs. 19,000 ft. 042°T. IAS 155. Thin layer cloud 8/10ths, tops 17,000 ft. Target ident. and bombed T.I.'s G. One large concentrated fire, with heavy black smoke. Many small explosions and smaller fires. Excellent attack.					
"F" KB 812	E/O J.S. Patterson J37452 Pilot	1916 0255 Primary. 2310 hrs. 18,000 ft. 043°T. IAS 155. 8/10ths thin layer cloud, tops 8,000 ft. Ident. T.I.'s R, G, and Squirmid. Bombed T.I.'s red. A number of incendiary fires but nothing very large. No 2. std. fuel tank gauge n/a.					
"W" KB 810	F/S W.B. Hodson R.192613 Pilot	1907 0232 Primary. 2312.1 hrs. 18,500 ft. 044°T. IAS 155. 4/10ths thin stratus tops 6-7,000 ft. Ident. T.I.'s R, & G. Bombed green T.I.'s amongst fires. Many fires seen in marked area.					
"W" KB 819	E/O J.W. Lourie J87316 Pilot	1910 0226 Primary. 2309.8 hrs. 19,000 ft. 030°T. IAS 155. 3/10ths thin clouds, tops 7,000 ft.. Target ident. T.I.'s R, & G. Bombed T.I.'s G. Although attack was scattered, target seemed to be well on fire. 51 28%W. 06 30'E. 2317 hrs. 17,000 ft. U/T 1/4 fired short bursts from std. beam. No corkscrews to port and R/MG & MU/MG fired short bursts at 1/4 passed to port beam below and disappeared. No claim.					
"W" KB 815	E/O J.A. Redfitter J82735 Pilot	1912 0229 Primary. 2309.0 hrs. 18,000 ft. 035°T. IAS 155. 7/10ths thin alto-stratus, tops 15,000 ft. Ident. W/S fix and T.I.'s T. Bombed T.I.'s G. Whole T/4 bright with fires.					

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWNS		
21/22.2.45	Lancaster X "W" KB 827	P/O H. Grainger J18510 Pilot tops 16,000 ft. Ident. TI's R. & G. and visually well concentrated.	J18510 Pilot Ident. TI's R. & G., and visually well concentrated. One very large explosion seen.	1923	0206	Primary. 2306 hrs. 18,300 ft. 043°T. IAS 160°. 8/10ths thin cloud,	
	"W" KB 872	P/O G.W. Percival J15773 Pilot cloud. Target ident. 'G' housing, fires, bomb-bursts.	J15773 Pilot cloud. Target ident. 'G' housing, fires, bomb-bursts. Undershooting. One area well on fire with black smoke.	1928	0227	Bombed centre of concentration of TI's R. & G. Two areas on fire and .	
	"W" KB 773	P/O G.W. Glabert J21126 Pilot with tops 12,000 ft. Ident. fires, explosions and 'G' fix.	J21126 Pilot with tops 12,000 ft. Ident. fires, explosions and 'G' fix. Bombed fires. Red mushroom explosions seen with black smoke	1922	0234	Primary. 2308.7 hrs. 19,000 ft. 045°T. IAS 175°. 2/10ths strata	
	"W" KB 801	P/O S.A. Reid J38869 Pilot tops 3/4,000 ft. Ident. TI's R. & sky-marking.	J38869 Pilot tops 3/4,000 ft. Ident. TI's R. & sky-marking. Bombed TI's R. Unable to assess but some fires seen after leaving T/A.	1920	0221	Primary. 2310.7 hrs. 19,000 ft. 040°T. IAS 160°. 8/10ths thin cloud,	
	"W" KB 808	S/L H.H. Smith J59532 Pilot 8-9/10ths. Ident. TI's R. and green sky-markings.	J59532 Pilot 8-9/10ths. Ident. TI's R. and green sky-markings. Bombed centre of all fires and remainder of TI's. Many fires in T/A with undershooting to SW.	1929	0229	Primary. 2308.5 hrs. 18,700 ft. 035°T. IAS 165°. thin layer of cloud,	
	"W" KB 822	P/O E.R. Leon J39364 Pilot tops at 9,000 ft. Ident. TI's green.	J39364 Pilot tops at 9,000 ft. Ident. TI's green. Used toggles when bombing. good fires starting.	1914	0223	B/S & N28 W/A. Primary. 2308.1 hrs. 18,500 ft. 031°T. IAS 170°. 2/10ths thin cloud,	
	"W" KB 877	P/O D.E. Dowling J37628 pilot cloud, tops 15,000 ft. Target ident.	J37628 pilot cloud, tops 15,000 ft. Target ident. and bombed flames green with red stars. One large concentrated fire on centre of T/A and one long belt of fires to N.W. One large orange coloured explosion at 2306 hrs. of one at 2302 hrs. with heavy black smoke rising to cloud base. Fires could be seen for about 100 miles after leaving target.	1912	0222	Primary. 2304.5 hrs. 18,500 ft. 030°T. IAS 165°. 7-10/10ths thin	

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By No. 431 (B.C.A.F.) Squadron.

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(13311-9511) Wk 25722-2150 7pm 10/44 T.S. 800

FOR THE MONTH OF February 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
2/2 2.45s	TARGET. P-F-O-R-E-S-T. P-F-O-R-E-S-T.						
	BOMB LOAD. ALL A/G carried 1 x 4000 lb. HE Nose Inst. + 10 x 14 Mk.1 Clusters						
Lancaster X.	S/L C.H. Porter J/11973 Pilot.	1521	0004	Primary. 2009 hrs. 8,500 ft. 085°T IAS 160. Clear vis. good.			
"A" KB 853	T-Target ident. II's. R & G. Bombed II's. G. Explosions were right amidst the H2 marking which was on time and well concentrated. Heavy smoke to 6000 ft. as we crossed N/A and 8,10,000 after leaving.						
"B" KB 807	P/O D.A. Rosbrough J/87999 Pilot.	1538	0025	Primary. 2009 hrs. 8,000 ft. 085°T IAS 165. Clear, hazy. Ident. II's R & G. Bombed on II's G. Whole T/A a mass of flames. Large explosions seen at 2007 hrs. with smoke up to 12,000 ft. First seen up to 100 miles after leaving target.			
"D" KB 774	P/L J.G. Henry J.14687 Pilot.	1523	0026	Primary. 2008-5 hrs. 9,500 ft. 055°T IAS 160. Light cloud, very thin with slight haze. Ident. and bombed on green II's. Target was a mass of concentrated fires with smoke coming up to about 7000 ft. rising higher as we left. Bombing well concentrated glow of fires visible for 150 miles. Excellent attack.			
"F" KB 812	P/L D.C. Genney J/12257 Pilot.	1520	0033	Primary. 2005.2 hrs. 8,500 ft. 082°T IAS 170. Clear. Ident. II's. G. and visual. Bombed on green II's. One large orange explosion with black smoke. Fires burning well in centre of town. Brought back 4 x No. 14 Mk.1 clusters.			
"H" KB 810	P/O W.R. Hodson R/192813 Pilot.	1526	0006	Primary. 2004-5 hrs. 8,000 ft. 080°T IAS 160. Clear. Ident. II's. R & G. and Visual. Bombed centre of 4 conc's of II's. R & G. as per N/A. One large explosion with smoke to 10,000 ft. Fires seen for 150 miles on journey homewards.			
"K" KB 819	P/O J.A. Keast J/92735 Pilot.	1535	0010	Primary. 2003 hrs. 7,500 ft. 050°T IAS 160. Clear, smoky in T/A. Ident. II's. G. Bombed II's. G. Very good attack. Fires conc. in T/A.			
"M" KB 827	P/O H.G. Granger J/18510 Pilot.	1527	0005	Primary. 2004 hrs. 8,200 ft. 030°T IAS 170. Clear, haze. Ident. II's. R & G. Bombed same. Many explosions seen over T/A. Fires visible for 100 miles. Very good attack.			
"P" KB 773	P/L B.M. Kepelansky J/16510 Pilot.	1540	0009	Primary. 2004.9 hrs. 8,000 ft. 078°T IAS 160. thin cirrus 1/10ths above at 10,12,000 ft. Ident. II's. R & G. Bombed II's. R & G. as per N/A. On run into target there were about 6 large explosions. Centre of target was a mass of flames. Red glow of fires visible for 100 miles. Rear turret 1/4-15 mins after take off due to failure of E.D.P. of port outer engine. From 48 33'N 08 50'E to 2206 hrs. 8000 ft - 44 40'N 08 55'E homeward. Ju 88 was first sighted in glow of fires. std qrs. down at 600 yards. We commenced to port. Rear turret and one gun in N/U Turret U/S. Enemy a/s came in three more times. N/U/E fired a long burst as we were manoeuvring and tracer seen by P/O to enter E/D. He broke away to std. down and came in his 5th attack at 150 yds. N/U/E again opened fire and strikes were seen on his rear fuselage. He broke away to port down and came into 200 yds below and broke away to std. He came in again from std. below and broke away to port, followed by another attack from port 250 yds to port and he broke away to port disappeared. During these attacks E/D did not open fire. One (1) Ju 88 claimed damaged.			
"R" KB 847	P/O E. Dowling J/37628 Pilot.	1542	2358	Primary. 1959 hrs. 7,500 ft. 084°T IAS 165. Clear. Ident. II's. R & G. and visual. Bombed II's. R & G. as per N/A. One large explosion lasting 1/2 secs. Cone. of fires very good and appeared to be in centre of built up area.			

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"U" KB 808 - P/O Hurley  
 DETAILS OF SORTE - Primary. 2004 hours - 7,500 ft. 070°T.  
 IAS 170. W/S 275.21 Clear. Red and green T.I.'s, illuminated  
 and visual. Bombed centre of red and green T.I.'s. Early on  
 target. Fires started. As a result hard to assess. Landed  
 at Manston.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTE OR FLIGHT	REFERENCES
				UP	DOWN		
23/24 2455	Lancaster Xe						
	"B" KB 801	P/O S.A. Reid J.38869 Pilot		1517	0023	Primary. 1959.7 hrs. 8,500 ft. 084°T IAS 160. clear vis. good. Ident. T.I.'s R & G. Bombed centre of same. Many fires seen after leaving target. A/G well concentrated in 1/4.	
	"T" KB 811	P/O G.W. Glasholt J.38428 Pilot		1557	0004	Primary. 2000.25 hrs. 8000 ft. 084°T IAS 155. clear, slight haze. T.I.'s R & G and G/R. Bombed T.I.'s R & G. with overhead MS Inst. by W/S Area burning well and visible for 200 miles.	
	"U" KB 808	P/O P.J. Hurley J.35426 Pilot		1629	2253	Primary. Landed at Manston. Details to follow.	
27/2/45	TARGET: M.A.I.H.Z.						
	BOMB LOAD:	A/G A.R.E.J. R.S.V. Carried 1 x 4000 lb HE. N. Inst. & 1x x No. 14 Mk. 1 clusters Fuzes No. 42 Mk.4, 06/10 cap.					
	A/G C.D.N.F.H.M.L.P.T.W.L.	Carried 1 x 4000 lb. HE. N. Inst. 6 x No. 14 Mk.1 clusters, No. 42 fuses, 06/10 cap. & 8 x M17 clusters.					
	Lancaster Xe						
	"A" KB 853	P/O F.G. McGee J.35563 Pilot		1229	1935	Primary. 1620.7 hrs. 16,000 ft. 062 deg. T. IAS 155 mph. 10/10th thick stratus cloud, tops at 8,000 ft. Identified by green smoke puffs, MB and HMs. Bombed between three green smoke puffs with a three second overshoot. No results seen. Gaggle fairly concentrated but owing to change of heading indicated loose concentration. Scattered attack.	
	"C" KB 741	P/O P.J. Hurley J.35426 Pilot		1241	1949	Primary. 1630.5 hrs. 16,500 ft. 030 deg. T. IAS 160 mph. 10/10th low SC with tops at 7,000 ft. Identified by green puffs. Bombed green puffs as per MB. PFF scattered. As we passed over one of the green puffs owing to an A/G above us we bombed another one 30 seconds late. Owing to cloud conditions unable to assess. Gaggle scattered out to much and suggest form up over England. Poor scattered attack. Bombs seen dropping over a wide area.	
	"D" KB 774	P/L E.O. Bruce J.41687 Pilot		1234	1940	Primary. 1632.2 hrs. 17,000 ft. 102 deg. T. IAS 155 mph. 10/10th thick cloud tops 7,000 ft. Identified by green smoke puffs. Bombed centre of two smoke puffs. No results seen. Concentration of gaggle and bombs fairly good. PFF o.k., attack should be satisfactory.	

## **OPERATIONS RECORD BOOK**

## APPENDIX B

R.A.F.  
FORM 541.

**DETAIL OF WORK CARRIED OUT**

**SECRET**

PAGE NO. 15

\*15323-9311) WL 28782-2156 75W 10/64 T.S. **BB**

FOR THE MONTH OF ..... 19 .....

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
27/2/45	TARGET MAIN N. (Cont'd)						
Lancaster I							
"P" KB 834	P/L S.P. Scammell J.57861 Pilot.	1234	2002	Primary. 1631.6 hrs. 17,500 ft. 101 deg.T. IAS 155 mph. 10/10ths SC with tops at 8,000 ft. Visibility good. Identified by green smoke puffs. Bombed two green smoke puffs as per MB. Nothing seen due to cloud, difficult to assess. Gaggle leader early and off track. Had difficulty keeping up to leader at 170 IAS and came in at end of stream. Sam leader was off track to stbd so partly corrected course 10 minutes before target. Leader had to make wide turn to port to get on heading. Leading 4/C unable to follow and get on correct heading. Fighter escort good.			
"P" KB 812	P/B W.B. Hodson R.1928613 Pilot.	1245	1931	Primary. 1631.5 hrs. 18,000 ft. 060 deg.T. IAS 155 mph. 10/10ths medium cloud at 9,000 ft. Visibility good. Identified by green smoke puffs. Bombed one smoke puff as per MB. Nothing observed due to cloud except smoke up to 11,000 ft. through cloud. Attack scattered due to weather and PFF being 5 minutes late. Ports came through our gaggle between F. & G.			
"P" KB 840	P/L E.C. Tunley J.27562 Pilot.	126.7	1939	Primary. 1612.5 hrs. 16,000 ft. 102 deg.T. IAS 160 mph. 10/10ths SG, tops 7-8,000 ft. Identified by sky-carbon green puffs. Bombed green puffs as per MB. PFF green puffs a great improvement over marksmen in day-time but were late, first seen at 1627 hrs. Fires seen through break in cloud at 0615Z. MB and P/T link were heard clearly. Cannot assess owing to clouds. Gaggle very good and on time. With PFF being late it made it difficult over target for concentration.			
"P" KB 819	P/L B.G. Conway J.12957 Pilot.	1257	2005	Primary. 1631.1 hrs. 16,500 ft. 085 deg.R. IAS 160 mph. SG/Cloud. SG, with tops at 10,000 ft. Visibility good. Identified by green smoke puffs. Bombed between two smoke puffs. Nothing observed owing to cloud, except grey smoke through cloud up to 11,000 ft. Route and tactics O.K. except gaggle leader was off track. Fighter escort good.			
"P" KB 815	P/L R.R. New J.85155 Pilot.	1226	2019	Primary. 1630.5 hrs. 17,000 ft. 178 deg.T. IAS 165 mph. 10/10ths cloud with tops at 9-10,000 ft. Identified by green smoke puffs and Gee. Bombed green smoke puffs. No detail of attack. Very scattered. Route and tactics good.			

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
27/2/45	Lancaster Z.						
"	KB 827	P/O H.G. Granger J. 18510 Pilot.	1235	2029	Primary. 1630 hrs. 17,300 ft. 050 deg. T. IAS 155 mph. 10/10ths thick cloud with tops at 6,000 ft. Identified by green smoke puffs. Bombed one green smoke puff. No results seen. Arrived early on target and change of heading necessary to get on PFF resulting in scattered bombing.		
"	KB 872	P/L G.W. Percival J. 15775 Pilot.	1250	1945	Primary. 1631.5 hrs. 18,000 ft. 102 deg. T. IAS 155 mph. 10/10ths BG cloud with tops at 8,000 ft. Identified by green puffs. Bomber concentration of 4 green smoke puffs as per RN. Nothing observed due to cloud. PFF late. Route and tactics good. Fair efforts. Fighter escort good.		
"	KB 773	P/O B.E. Dowdigin J. 37698 Pilot.	1250	2026	Primary. 1630.7 hrs. 16,000 ft. 100 deg. T. IAS 160 mph. 10/10ths thick cloud with tops at 10,000 ft. Identified by green smoke puffs. Bombed centre of 3 green puffs. No result seen. Gaggle loosely concentrated in front but concentration better at the ends. Tactics good but not adhered to - ahead of time. Scattered attack.		
"	KB 847	P/O D.L. Murray J. 92255 Pilot.	1251	1953	Abortive O.R.T. 10/10ths cloud with tops ht. 5-6,000 ft. Bomb load brought back - too late to bomb. We would have been ~70 deg. off heading as we were in centre of gaggle so we did not release our bombs. Gaggle early and PFF late. Gaggle leader flying at 175 IAS from height-to-target suggest R/T communication between leader and gaggle. Did not know whether or not leader bombed, this would have been useful over target. Portusses put through stream at 50/50 on inward trip. Gaggle appeared good and excellent fighter protection.		
"	KB 801	P/O S. Reid J. 38889 Pilot. <del>1252</del>	1248	1956	Primary. 1632.4 hrs. 17,000 ft. 108 deg. T. IAS 160 mph. 10/10ths cloud, tops at 8,000 ft. Identified by green smoke puffs. Bombed same. No details of attack. Gaggle leader briefed for 160 IAS and we had to increase our speed to 170 IAS. PFF seemed to be late. We were at tail end of gaggle and had to increase speed to keep up.		
"	KB 811	P/O G.W. Grahame J. 24128 Pilot.	1253	1946	Primary. 1630.5 hrs. 17,000 ft. 096 deg. T. IAS 155 mph. 10/10ths cloud at 9-10,000 ft. Identified by green smoke puffs. Bombed green smoke puffs - over-shot one second as briefed. No details of attack. Gaggle was early and off track by 3 miles. PFF were late.		
"	KB 802	P/L J.P. Duggan J. 35871 Pilot.	1252	1927	Primary. 1630.7 hrs. 18,000 ft. 098 deg. T. IAS 160 mph. 10/10ths cloud, tops 8,000 ft. Identified by green smoke puff, bombed same same. No details of attack due to thick cloud. Good attack if marking was on. Very good concentration of A/G. Route and tactics very good.		

SECRET

## **OPERATIONS RECORD BOOK**

## APPENDIX

R.A.F.  
FORM 541.

DETAIL OF WORK CARRIED OUT  
By No. 431 (R.C.A.F.) Squadron.

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PAGE NO. ....

\*15323-9511) W.L. #8722-2136 75W 10/44 T.S. 300

FOR THE MONTH OF February 1945.