

# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 941

DETAIL OF WORK CARRIED OUT

By No. 49 (R.C.A.F.) SQUADRON

**SECRET**

PAGE No. 23

\*13121-2111 Wt. 45722-2156 724 1044 U.S. 900

FOR THE MONTH OF M.A.R.C.H. 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
1st March	LANCASTER I EB 781 A	J23026 FL	DAWSON FG Pilot	1148	1904	Target MANNHEIM with 1 x 4000 lb HD HI Trinitol, 1215 x 4 lb TB, 135 x 4 lb TB 'X' Type, 0 x 12 W2X Nicobals. Primary at 1515.3 hrs, from 18,900 ft, 092 degs (T), 155 IAS. 9/40ths stem on tops 14,000 ft. Vis good. Ident by blue smoke puffs and Gee check. Bombed on smoke puffs. Puffs were scattered. S and L for camera run. Gaggle very scattered on way from target.	A.237
1st March	LANCASTER I EB 865 B	J9173 FL	SAVE HM Pilot	1139	1856	Target MANNHEIM with bombload same as "A". Primary at 1517 hrs from 18,500 ft, 092 degs (T), 160 IAS. 10/10ths on tops 10,000 ft. Vis unlimited. Ident by blue smoke puffs. Bombed same. No results visible due to cloud condition. W/B heard giving instructions to bomb centre of blue smoke puffs. Tactics and route good. Banking aircraft slightly to starb, not known how much A/G still in bank when camera turned over. Pilot does not think attack was very successful.	A.238
1st March	LANCASTER I EB 733 C	J36568 NO	REPELO OL Pilot	1146	1905	Target MANNHEIM with bombload same as "A". Primary at 1516 hrs from 18,000, 091 degs, 159 IAS. 10/10ths cloud to 10,000 ft. Ident by blue smoke puffs and Gee. Bombed nearest puff as per M/B. No results due to cloud. Route and tactics satisfactory. Lost port inner 15 miles past target.	A.139
1st March	LANCASTER I EB 797 K	J6214 SL	HUNTER DB Pilot	1144	1847	Target MANNHEIM with bombload same as "A". Primary at 1516 hrs from 17,500 ft, 091 degs, 170 IAS. 10/10ths cloud up to 10,000 ft. Blue smoke puffs seen within seven miles of T/A. Bombed smoke puffs as per M/B. Puffs scattered. MC said to pick out first puff. No results due to clouds. Route and tactics satisfactory. Leader of formation away ahead of time on concentration point.	A.240 139
1st March	LANCASTER I EB 845 L	J35681 FO	REBALLAK GP Pilot	1137	1900	Target MANNHEIM with bombload same as "A". Primary at 1516 hrs from 19,120 ft, 090 degs, 158 IAS. 10/10ths cloud clear above tops 8000 ft. Ident by blue smoke puffs and Gee check. Bombed blue puff as per M/B. 1196 was cluttered up by fighter boys. No estimate possible. 50 x 4 lb TB hung up and brought back. Winds decreased instead of line opening. Route and tactics OK. Gaggle was strung out a bit otherwise OK. Forward A/G well concentrated. Smoke puffs from leader quite distinct. T/A impossible to assess. S and L during bombing run.	A.241
1st March	LANCASTER I EB 866 M	J28761 FL	MEVIER HA Pilot	1135	1853	Target MANNHEIM with bombload same as "A". Primary at 1516.5 hrs, from 18500 ft, 092 degs (T), 165 IAS. 10/40ths stratus tops 10,000 ft, horizontal vis very good. Ident by blue puffs and Gee check. Bombed smoke puffs. Puffs seem to fall at 1516.5. Target not seen. Camera run S and L. Gaggle ahead of time at rendezvous.	A.242 <i>W.B.H.</i>

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
1st March	LANCASTER X KB 814 N	J27682 FO	WIDDOCKE CJPilot	1129	1911	Target MANNHEIM with bombload same as "A". Primary at 1516.5 hrs from 18,000 ft. 091 degs, 155 IAS. 10/10ths cloud up to 10/12,000 ft. Ident by blue smoke puffs and Gee. Bombed nearest blue puff as per MB. No results due to clouds. Route and tactics satisfactory. Bombing and photographic run S and L.	A.23
1st March	LANCASTER X KB 786 P	J26675 FL	OSBORN WW Pilot	1133	1923	Target MANNHEIM with bombload same as "A". Primary at 1518.6 hrs from 18,800 ft. 091 degs, 155 IAS. 10/10ths cloud up to 15,000 ft. Ident by blue smoke puffs and Gee. Bombed nearest blue puff as per MB. No results due to cloud. Route and tactics satisfactory. Lost port outer at 0200G on way in. Bombing and photographic run S and L.	A.24
1st March	LANCASTER X KB 869 Q	J37559 FO	BOWEN DS Pilot	1145	1909	Target MANNHEIM with bombload same as "A". Primary at 1516.4 hrs from 17,000 ft. 095 degs 175 IAS. 10/10th cloud up to 3/10,000 ft. Ident by blue smoke puffs and Gee. Bombed between two blue puffs on Gee check. MB not received. Route and tactics satisfactory. Bombing and photo run S and L.	A.25
1st March	LANCASTER X KB 854 R	J89431 FO	McGregor JW Pilot	1130	1843	Target MANNHEIM with bombload same "A". Primary at 1516.3 hrs from 19,000 ft. 091 degs, 155 IAS. 10/10ths cloud and stratus on tops 10,000 ft. Ident by blue smoke puffs. One burst just in front before A/C bombed. Gee check MB heard. Bombed blue smoke puff - one other about 50 yds to port. Concentration was meagre at A/C's time. Seemed to be good concentration of A/C over target. Route and tactics good. Gaggie leader seemed to be too far ahead of us at 1st point. If markers were on, attack should be good. A/C S and R throughout bombing run and until camera operated. Landing light on.	A.26
1st March	LANCASTER X KB 752 V	J9757 FL	ARMSTRONG HR Pilot	1126	1854	Target MANNHEIM with bombload same as "A". Primary at 1519 hrs from 18,000 ft. 090 degs, 155 IAS. 10/10ths layered tops 13,000 ft. Thick from english channel through to the target. Ident by Gee, blue magenta, smoke markers. Markers were poor. Bombed on Gee. Co-ordinate dead on as briefed. 2 blue smoke puffs had apparently drifted south off W/A. Could not see, A/C late - could not catch up with gaggie later in the route to target. No flak hole in port rudder. Route and tactics and weather very good. Gaggie could have returned at higher air speed especially at 8/12,000 ft. A/C S and R in bombing run and when bombs went. Hit in 8th when camera turned over. Evasive action for predicted flak.	A.27

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM #41.

DETAIL OF WORK CARRIED OUT

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

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\*13341-0111) Wt. 0222-0125 724 1064 T.S. 700

FOR THE MONTH OF MARCH 1945

DATE	AIRCRAFT TYPE & NUMBER	#	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
					Up	Down		
1st MARCH	LANCASTER I KE 851 W	J38059	PO	LAMPROUGHTON DER PILOT	1149	1917	Target MANNHEIM with bombload same as "A". Primary at 1511.3 hrs from 18,000 ft, 091 degs, 155 IAS. 10/10th cloud st. Cu. tops 15-16000 ft. Vis good. Ident by sky marking and blue smoke puffs. Bombed centre of very many smoke puffs on instructions of MR. Gaggie as well during attack. PFF marking was in accord with Gee homing given. Slight deviation to S.E. and 15 degs bank when camera operated. Route and tactics very good. Good fighter escort.	A.248
1st March	LANCASTER I KE 732 X	J25474	PO	GRIFFITH ED Pilot	1142	1910	Target MANNHEIM with bombload same as "A". Primary at 1549 hrs from 18,000 ft 094 degs 155 IAS. 10/10ths cloud up to 14,000 ft. Ident by blue smoke puffs and Gee. Bombed centre of these blue smoke puffs as per MG. NO results due to clouds. Route and tactics fair but needs a bit hard for us to keep up to. Bombing run a and b. Camera operated.	A.249
2nd March	LANCASTER I KE 841 A	J23026	PL	LAWSON PG Pilot	0659	1304	Target COLOGNE with 1 x 4000 lb HD MI Tristatol, 1 x 500 lb USA GP AMM, 2x 025, 2 x 500 lb MG TD 025. Primary at 1012.3 hrs from 17,100 ft, 096 degs, 125 IAS. Clear to 5/40th strat cu 4/8,000 ft. Very good - cloud obscure H-1-2 of town. Ident by Gee fix, visually Rhine, blue smoke puffs MB heard. Bombed 200 yds short of upwind edge of smoke on MB instructions. Bombed on W side of central built-up area. DUMPING well concentrated in this area. Smoke generators NW of town seemed active. Heavy fires and considerable smoke up to 8,000 ft. Good prang. Bomber stream seemed fairly well concentrated. Route good, tactics OK. Leader of gaggle not seen. A/C thought to be fairly S and L on bombing run. Some difficulty in holding it so with altstreams out. Halifax seen bombing at 1010 hrs above 5-6 miles short.	A.250
2nd March	LANCASTER I KE 721 B	R165895	SPT	GUSHMAN DR Pilot	0715	1321	Target COLOGNE with bombload same as "A". Primary at 1013 hrs from 17,500 ft, 093 degs (t), 155 IAS. 2-3/10ths cloud tops 7/8,000 ft. Ident visually and Gee check. Bombed built up area outskirts of town on run in. MB not heard until leaving 2/4. 3 blue puffs seen off to the east of river. A/P was obscured by smoke. Attack seemed very concentrated. 1 x 500 MG hung up and jett 1155 hrs 521GR 025E 9000 ft safe. Route and tactics good. Gaggie was spread out. A/C S and L during bombing run and taking of picture. Camera light was on.	A.251
2nd March	LANCASTER I ED 835 D	J41159	PO	SMITH JW Pilot	0653	1329	Target COLOGNE with bombload same as "A". Primary at 1013.6 hrs from 19,000 ft, 065 degs, 160 IAS. 3/10ths thin stratus up to 10,000 ft. Ident by river bend, city area, M/Y and visually. Bombed upwind edge of smoke as per MG. Attack though successful. A/C concentration good. Bombing concentrated in and around A/P. MG controlled attack effectively. Route and tactics good. Camera operated. No Very cartridges fired.	A.252

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25X/51

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCE
				UP	DOWN		
2nd March	LANCASTER X KB 865 E	J9173 FL	CAVE HEM Pilot	0644	1257	Target COLOGNE with bombload same as "A". Primary at 1012 hrs from 18,500 ft. 095 degs (s), 175 IAS. 2/10ths strait on tops 5,000 ft. Vis very good. Ident visually and GCS check. Undershot centre of upwind edge of smoke by 200 yds on MB's instructions. Bombing was very concentrated. 1 large orange explosion at 1010 hrs smoke rising to approx 6,000 ft. After leaving target one small sub flak hole in bomb doors. Burst of heavy flak underneath. Camera run S and L. No Very cartridges fired.	A.253
2nd March	LANCASTER X KB 762 J	J85304 FO	NICHOLS SA Pilot	0641	1302	Target COLOGNE with bombload same as "A". Primary at 1012 hrs from 17,500 ft. 090 degs (s), 170 IAS. 4/10ths cloud tops 7-8000 ft. Vis good. Ident visually and by GCS check. Undershot edge of smoke by 200 yds as per MB's instructions. No markers seen at time of bombing. MB clearly heard giving instructions. Attack seemed concentrated on S edge of building area, while centre of town remained clear. Route and tactics good. Gangle seemed spread out enroute. A/C S and L during bombing run. Camera light did not work.	A.254
2nd March	LANCASTER X KB 797 K	J6214 EL	HUNTER DB Pilot	0708	1255	Target COLOGNE with bombload same as "A". Primary at 1012 hrs from 18,500 ft. 060 degs, 155 IAS. 3/10ths thin smoke up to 5/10,000 ft. Map read right in river, town, etc. Ident visually. Bombed upwind edge of smoke as per MG. No Army yellow seen. Vis excellent no trouble identifying visually. A/C. Great deal of dust being raised. Bombing excellently controlled by MG and well concentrated. No stray sticks seen. Route and tactics good. S and L for bombing and photo runs. Indicating light did not work. No Very cartridges fired, from take-off to landing.	A.255
2nd March	LANCASTER X KB 866 M	J36568 FL	NEHELO GL Pilot	0649	1455	Target COLOGNE with bombload same as "A". Primary at 1014.5 hrs from 18,000 ft. 100 degs (s), 160 IAS. 4/10ths cloud up to 10,000 ft. Ident visually. Bombed a 50 sec overshoot on smoke because A/C had no GCS. Estimated bombs fell in city well east of Rhine. 500 lb MB safe of point K NE jett area. Camera run S and L. Smb timer hit by flak at 1012 hrs in S/A as A/C started a 50 sec trial.	A.256
2nd MARCH	LANCASTER X KB 814 N	227955 FO	MACRELL SA Pilot	0701	1320	Target COLOGNE with bombload same as "A". Primary at 1013 hrs from 17,500 ft. 110 degs (s), 170 IAS. 6/10ths str. on tops 10,000 ft. Vis good. Ident visually and by GCS check. Bombed red XI's S bank of river between two bridges. Bombing concentrated around southern part of old town. Smoke pall growing willow target. Camera run, had to turn port to avoid predicted flak just after released bombs. Gangle not very good on way home. Seemed due to predicted flak after target. No Very cartridges fired etc.	A.257

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

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

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13101-2511 W. 4724-4125 734 1944 T.S. 700

FOR THE MONTH OF **MARCH** 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
2nd March	LANCASTER X KB 748 O	PO MILLAR HW	Pilot	0655	1314	Target COLOGNE with bombload same as "A". Primary at 1012.7 hrs from 16,500 ft. 092 degs. 160 IAS. 5/10ths tops 10,000 ft. Vis good. Ident. visually and by Gee fix. Bombed upwind edge of smoke 200 yds. underneath as instructed. 212 markers seen. A/P obscured by smoke. Attack seemed very well concentrated. Large explosion seen in centre of town at 1011 hrs. Route and tactics good. Gaggles was very poor being spread out considerably. A/C S and L during bombing run and taking of pictures. Light CAM not used.	A.258
2nd March	LANCASTER X KB 746 S	PL ARMSTRONG WR	Pilot	0709	1303	Target COLOGNE with bombload same as "A". Primary at 1012.8 hrs from 17,000 ft. 092 degs. 155 IAS. Ident. by Gee fix and blue smoke puff. One cluster of Red T's on ground near upwind edge of smoke; W/B heard. Ground detail good on W. of Rhine. One very large explosion seen along E-W ring, near western edge of town. Flame was orange and smoke black. Some bombing appeared short of A/P but A/P was well hit. A/C S and L till camera operated. Route and tactics very good. Fighter escort good.	A.259
2nd March	LANCASTER X KB 824 T	PO LAMBROUGHTON HER	PILOT	0705	1335	Target COLOGNE with bombload same as "A". Primary at 1013.3 hrs from 18,500 ft. 065 T degs. 160 IAS. 5/10th St. On top 8, -10,000 ft. Vis good. Ident. visually and by Gee check. Bombed centre of old town. Bombing well concentrated in built up area. Centre of town covered by smoke. Camera run roughed by flak. Gaggles scattered after bombing. No Very carts. fired.	A.260
2nd March	LANCASTER X KB 823 U	PO MACHIEL JC	Pilot	0657	1258	Target COLOGNE with bombload same as "A". Primary at 1012.5 hrs from 18,000 ft. 092 degs. 160 IAS. 5/10ths cloud. Western half clear - Eastern half obscured with tops to 10,000 ft. Ident. by Gee run in; W/B instructions to bomb pickwick fires; blue smoke puff; visual identification. Bombed fires and smoke. W/B switch blew twice. When bombs finally went 30 to 45 sec. had elapsed. W/B's instructions carried out on pickwick but overshoot for smoke reason. Flare could be seen. Fair concentration of bomb bursts. Route and tactics good. Gaggles leader was not identified by smoke after leaving target. A/C S and L throughout the run and until camera had burned over. No Very carts. fired.	A.261
2nd March	LANCASTER X KB 752 V	PL OSBORN WW	Pilot	0707	1312	Target COLOGNE with 1 x 4000 lb HI MI Trit.; 12 x 500 lb M4 GP AM 64 TD 025. Primary at 1011.6 hrs from 17,000 ft. 085 Degs. 160 IAS. 5/10ths strat. up to 8,000 ft. Ident. by Gee, Gaggles, Run; silver, outlined. Bombed main of 1000 church, no instructions heard from W/B. No 172 seen. W/B's at north end of city circle being bombed thoroughly. Southern end of city getting good burst of attack. Route and tactics satisfactory. Camera operated. Bombing and photographic run S and L. No Very carts. fired.	A.262

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DBP/SL

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCE	
				Up	Down			
2nd March	LANCASTER I KB 732 X	J25474. FC	GRIFITH PD	Pilot	0706	1311	Target OULOUSE with 1 x 4000 lb HE HI Tri G., 13 x 500 lb USA GP ANM61, 20,000 ft. 3 x 500 lb HD TD-025. Primary at 1013.5 hrs from 17,500 ft. 0722 Degr. 170 IAS. 6/10th strafe on tops 12,000 ft. Vis good. Ident by gun flash and r/d on Rhine. Bombed up wind edge of smoke at river. Bombs will penetrate. Shattered persons seen in S/W at 1013.5 hrs 17,500 ft. 8 and 1 camera run.	A-263
4th March	LANCASTER I KB 841 A	J25076 FL	DAWSON FC	Pilot	1647	0243	Target OULOUSE with 1 x 4000 lb Minol No 1, 7 x 500 lb USA GP ANM61, 20,000 ft. Primary at 2153.5 hrs from 17,000 ft. 155 IAS. 10/10th strafe up to 10/12,000 ft. Ident by gun flash on cloud as per M.O. Wanganui turned out as A/C over in route as action - icing at French Coast too high for hearing heights. Bombing run good. No action to be assessed due to height. Concentration of A/O good.	A-264
4th March	LANCASTER I KB 721 B	J24761 FL	METIVIER HA	Pilot	1630	0308	Target OULOUSE with download same as A. Primary at 2156 hrs from 17,000 ft. 151 degs. 155 IAS. 10/10th strafe up to 15,000 ft. Ident by flares red with green stars. Bombed with 12 sec overshoot centre of R.E.F. flares. Good glow of white light on cloud base but only result seen. Route and tactics satisfactory.	A-265
5th March	LANCASTER I KB 839 B	J24764 FL	FULK PE	Pilot	1622	0248	Target OULOUSE with download same as A. Primary at 2159.5 hrs from 16,000 ft. 170 degs (2), 165 IAS. Ident by red sky flares green stars. Bomb was away at 100 yds to port. 12 sec overshoot on instruction of M.B. Bombings went out on first run. Orbit required and turned sharp. No other A/O and one heading used observations. No estimation of results possible. Not sufficient markers. A/O may well be considered. Bomb show 12 sec overshoot as light didn't go on but A/O was 30 degrees port bank at time. Route and tactics were good except should have returned over England at 8,000 ft. I.E.O. 10/10th strafe tops 8/10,000 ft.	A-266
5th March	LANCASTER I KB 865 B	J24773 FL	GAVE HM	Pilot	1613	0227	Target OULOUSE with download same as A. Primary at 2162.6 hrs from 16,000 ft. 155 degs, 160 IAS. Ident by red flares with green stars, R.E.F. 10/10th strafe up to 12,000 ft. Overshot Wanganui by 12 sec on bombing of M.B. instructions. Cloud too thick to judge results. 1 x 500 lb ANM GP TD-025. Bombs up and just the 501st 1200s at 2207 hrs from 16,000 ft. Route and tactics satisfactory. Landing out from French Coast behind with too low for being conditions. Good bombing run. Impossible to assess results due to clouds.	A-267

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# OPERATIONS RECORD BOOK

APPENDIX "A"  
A.F. FORM 541

DETAIL OF WORK CARRIED OUT

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

**SECRET**

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\*(1581-211) Wt. 4872-2195 728 1044 U.S. 700

FOR THE MONTH OF MARCH 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
5th March	LANCASTER I KB 733 G	J10761 FL COLLARD HW	Pilot	1616	0207	Target CHEMNITZ with bombload same as "A". Primary at 2151.2 hrs from 15,000 ft, 155 degs (T), 160 IAS. 10/10ths cloud tops about 13,000 ft. Ident by wanganui flares red with green stars. Bombed on wanganui. Time run from centre of cluster of sky marker flares red-green as briefed. Only results visible were explosions of cookies seen through clouds.	A.268
5th March	LANCASTER I KB 762 J	J85304 FO NICHOLS BA	Pilot	1620	0228	Target CHEMNITZ with bombload same as "A". Primary at 2152.7 hrs from 17,000 ft, 166 degs (T), 150 IAS. 10/10ths a.c. tops 2000. 10/10 camera above base 19,000. via good. Ident by sky markers red with green stars. Bombed red sky markers with green stars. Same seen cascading at 2151.5 hrs. Bombing seemed well concentrated. Large glow on cloud. Some large explosions shortly after bombing. Camera run made 10 degrees flat turn after first red light went on. Tactics very good particularly on legs K-L and L-M. Fighters had been taped 1 1/2 hours before JOT.	A.269
5th March	LANCASTER I KB 797 K	J6214 SL HUNTER DB	Pilot	1636	0220	Target CHEMNITZ with bombload same as "A". Primary at 2152. hrs from 16,900 ft, 153 degs 155, IAS. 10/10ths cloud tops 8-10,000. Short of target seen through 7-8/10ths cloud up to 17,000 ft. Ident by H28 fixes previous to target up to 123 degs E. flairs red with green stars. Bomb centre of cluster of three flairs red and twelve seconds later let bombs go. MARKING was good. Could see explosion through cloud and glow of fires. Markers first seen at 2144 hrs. M.B. only heard to say "let em go". Good concentration of aircraft over target. Route and tactics good if met had been right. On leg which was low at 35,00 ft there was cloud and rain and sleet. Attack looked successful. A/C S and E during camera run and bombing.	A.270
5th March	LANCASTER I KB 845 L	J36568 P/O REITLO CL	Pilot	1629		Target CHEMNITZ with bombload same as "A". Returning from Ops. A/C crashed in Southern England killing all members of crew, which are as follows: Pilot J36568 P/O CL Reitlo; six trips, 47.45 hrs. Nav. R21454 Sgt. Hanley, J.E. A/B J11610 P/O DeWitt, J.E. W/OP R219073 Sgt. Ldew, F.R. P/E Can. 2563 Sgt. King, J.A. R/G. J15233 P/O Hollinger, G.J. All with four trips, 15pts J1.35 hrs. M.U.A.G. R274991 P/S Poole, N.R. four trips 16 pts. 29.20 hrs.	A.271
5th March	LANCASTER I KB 748 O	J16122 P/L BARKETT AN	Pilot	1639	0251	Target CHEMNITZ with bombload same as "A". Primary at 21.53 hrs from 16,000 ft 155 degs (T) 155 IAS. 10/10th a.c. tops 12-13,000, via fair. Ident by red flairs green stars bomb 1 salvo sky marking with overshoot of 12 secs. on instructions of M.B. A/C well concentrated over target. P.F.M. marking was well concentrated but not enough. No estimation of attack possible. Route and tactics good. A/C held S and B until camera operated. Nothing unusual to report.	A.272

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				UP	DOWN		
5th March	LANCASTER I KB 869	J37559 FO BOWEN, D.S.	Pilot	1626	0332	Target CHEMNITZ with bombload same as "A". Primary at 2156 hrs from 15,500, 153 degs 175 IAS. 10/10ths s.c. 9,000ft vis. good. Ident by H2S and LITEVIC. Saw attack on BOMBER, red flairs green stars. W.B. ordered to bomb on 12 secs. over-shoot on sky markers. No sky markers so bomb centre of white glow on cloud. Two flairs red/green seen four minutes before T.O.T. None in T/A when bombed. Two more about 2 minutes after T.O.T. Bombing was well concentrated. Fair attack depends on how well marking was placed. Route and tactics O.K. for clear night but changes of height got a/c into too thick cloud. Camera lights didn't show in Pilots cockpit. S and L through bombing run.	A.273
5th March	LANCASTER I KB 746	J89431 FO MCGREGOR, J.W.	Pilot	1633	0800	Target CHEMNITZ with bombload same as "A". Primary at 2156 from 15,200 ft. 180 degs (T) 160 IAS. 10/10ths cloud tops about 8-10,000. Ident by sky markers, flairs red, green stars bomb sky markers. Flairs had burnt out when a/c reached target so bombed red glow below cloud. Checked on H2S. No results seen apart from red glow seen through cloud. Seemed good attack. A/C landed Strathgalloway.	A.274
5th March	LANCASTER I KB 823	J38059 FO LAMBROUGHTON, D.R.R.	Pilot	1614	0510	Target CHEMNITZ with bombload same as "A". Primary at 2203 hrs from 16,600 ft. 152 degs (T) 160 IAS. 10/10th stratus tops 14-16,000ft. Vis good. Ident by sky markers red with green stars and glow on cloud. Bombed glow on cloud. Five explosions seen in run-up. Large explosion at 2209 hrs under cloud. Lots of fighter flairs from bomb line to target on both sides of T.A. Camera run S and L. Camera light O.K. Not sure re sky markers.	A.275
5th March	LANCASTER I KB 752	J9757 FL ARMSTRONG, W.R.	Pilot	1624	0250	Target CHEMNITZ with bombload same as "A". Primary at 2156 hrs. from 16,000 ft. 158 degs (T) 160 IAS. 10/10th Stratus tops good. Vis good. Ident by sky markers red with green stars confirmed with glow on cloud. Bomb centre of glow of fires. Bombing well concentrated around glow. Camera run S and L. Lights worked. Height over England for trip out would have been better at 11,000 ft.	A.276
5th March	LANCASTER I KB 732	J25474 FO GRIFFITH, FD	Pilot	1637	0303	Target CHEMNITZ with bombload same as "A". Primary at 2155 hrs. from 15,500 ft. 162 degs, 160 IAS. 10/10th Stratus. Ident by flairs red with green stars and M.B. Bomb centre of glow on cloud base as per M.C. Wanganui burned out as a/c ran in. Glow definite and large. Route and tactics fair. Going high for briefed heights. Bombing good. Results difficult to assess due to cloud.	A.277

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A.F. FORM 541.

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

**SECRET**

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11111-0111 Wt. 2723-0125 734 1044 T.S. 700

FOR THE MONTH OF M A R C H 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
7th/8th March	LANCASTER X KB 721 B	J16138 FL MC LAUGHLIN, MW	Pilot	1633	0146	Target DESSAU with 1 X 4,000 lb., HC and I trit, 7 X No. M.17 clusters. 138 fuses; 0 X 6 W.G. 33 Nickels. Primary at 2206 hrs. from 15,500 ft. 181 degs 160 IAS. 10/10th stratus at 8,000 ft. Ident by flairs red with green stars, glow of fires. Bomb flair red. M.C. not heard. Incendiary glow really definite but very wide spread. No flairs down when a/c first ran in. As a/c came around ran in between two flairs red. Route and tactics satisfactory. Camera operated Bombing and photo run good. A/C landed ODHAM.	A.278
7th/8th March	LANCASTER X KB 839 D	J24764 FL TULLO, RH	Pilot	1655	0154	Target DESSAU with bombload same as "B". Primary at 2158 hrs. from 16,000ft. 183 degs (T) 155 IAS. 7-8/10ths a.c. at 8,000 ft. Ident by U in river and red with green stars sky markers. Bomb markers. Marking scattered. Good concentration after leaving target, illuminating large explosions and flashes. Fires seen burning through gaps. Tactics considered very good. Attack seemed fairly successful. S and L for camera run. Net prediction excellent. A/C landed ODHAM.	A.279
7th/8th March	LANCASTER X KB 865 E	J24775 FL CAVE, HM	Pilot	1632	0122	Target DESSAU with bombload same as "B". Primary at 2200 hrs from 14,000 ft. 183 degs (T) 170 IAS. 9/10th thin a.c. Morison good; ground seen through gaps. Ident by sky markers red with green stars and green T.I.'s aimed at green T.I.'s on ground through base. M.C. not heard. Flairs on time, some fires - glow only seen. Attack seemed to be going well. Camera on A/C fairly level. Tactics excellent. Net good. A/C landed at ODHAM.	A.280
7th/8th March	LANCASTER X KB 733 C	J10761 FL COLLARD, HW	Pilot	1629	0133	Target DESSAU with bombload same as "B". Primary at 2201 hrs. from 15,500ft. 205 degs 160 IAS. 8/10ths cloud tops 7,000ft. Ident by green T.I., illuminating flairs yellow. Bomb clusters of green T.I.'s. M.C. not heard. Fires seem to be scattered over a wide area. Route and tactics very satisfactory. A/C S and L throughout bombing but camera did not turn over. Indicating light came on but no green lights were seen later camera checked on the ground and it would not turn over. A/C landed ODHAM.	A.281
7th/8th March	LANCASTER X KB 878 I	J24761 FL MCFIVIER, HA	Pilot	1702	0206	Target DESSAU with 1 X 4,000 lb. H.C. M.I. Trinitol, 7 X No.14 clusters, 142 mk.III fuse. Primary at 2203 hrs from 15,000ft. 183 degs; 155 IAS. 10/10th thin St. at 12,000ft. Ident by U in river and sky markers red with green stars. Bomb centre of concentration of sky markers. Concentration good - on time - glow on cloud and large fires through break in cloud Bombing seemed accurate. Y on English coast to posn. 54° 5,000 N 0500 E because take-off 17 min. late due to change of a/c. Tactics good except for route over Ruhr. S and L landed at ODHAM.	A.282

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
7th/8th March	LANCASTER X KB 762	J8530A PO NICHOLS, BA	Pilot	1649	0129	Target DESSAU with bombload same as "B". Primary at 2202.5 hrs. from 16,000 ft. 184 degs 160 IAS. 10/10ths cloud tops @ 8,000 ft. Cloud was thin, could see through it. Ident by sky markers flairs red green stars, M.B. T.I. seen going down from a distance from the target, H to S check. Bombed one flair red green stars. There were two other markers, 1 to port and 1 to stbd. A/C bombed the centre one. Glow of quite a large fire under cloud. M.B. was not very clear. Instructing to bomb sky markers also to drop sky markers. Marking was not as continuous as it might have been. Attack was good Route and tactics good. A/C put nose slightly down about the time camera turned over due to predicted FLAK. A/C landed ODHAM.	A.283
7th/8th March	LANCASTER X KB 797 X	O27955 PO MACNEILL, BT	Pilot	1637	- -	This a/c took off to attack DESSAU with bombload same as "B". since which time nothing has been heard from it. The names of the missing crew members are as follows: Pilot. O27955 PO MACNEILL, BT with three trips 11 pts. 1955 hrs. Nav. 24997 PO Short, W/Pr Avn. O27955 Sgt. Mason, M.V. PD. W/O. R19017 P/S Cole, H.O. P/S. R207486 Sgt. Wilson, R.T. TD. M.V. AC. R221610 Sgt. Jamieson, M.C. A/C. R272224 Sgt. Mitchell, P.D. R.L. all with 1 trip & pts. and 620 hrs.	A.284
7th/8th March	LANCASTER X KB 748 Q	J8412 SL MCKINNON, WF	Pilot	1638	0209	Target DESSAU 1 L0001E HC and 1 trinacola 7 X No. 14 clusters A.285, 42 mk. 3 fuse O X 6 W3 33 nskels. Primary at 2200.7 hrs from 16,000 ft. 3-08 degs 160 IAS. 10/10th cloud up to 14,000 ft. Ident by illuminating flairs and red T.I's. Bombed same. M.C. not heard. To early to charge results. 1 times 14 cluster jettisoned in channel area at 0102 hrs from 10,000ft. Route and tactics satisfactory. Climb after T.A. excellent. Camera operated. Bombing and photographic run S and L. A/C landed ODHAM.	A.285
7th/8th March	LANCASTER X KB 786 P	J7007 FL WATTS, JW	Pilot	1636	0137	Target DESSAU with bombload same as "C". Primary at A.286 2159.3 hrs. from 15,000 ft. 180 degs 160 IAS. 8/10th thin stratus up to 8,000ft. Ident by flairs red with green stars and fire glow. Bombed flairs red with green stars. M.C. not received. To early to charge results. A few scattered fires starting. Route and tactics not so good. Would rather take the FLAK on a shorter route. Bombing and photographic run good. Turned on to course just as light operated. A/C landed at FORD.	A.286
7th/8th March	LANCASTER X KB 869 Q	J37959 PO BOWSE, DE	Pilot	1634	0202	Target DESSAU with bombload same as "C". Primary at 2210.8 hrs from 14,500 ft. 130 degs 190 IAS. 9/10th thin stratus up to 9,000 ft. Ident by flairs red with green stars, flairs, river and A/F seen visually. Bomb centre of flairs. M.C. not heard. No PFF burning when A/C ran up. so orbited since A/C early and bombed flairs. Attack looked concentrated. Incendiary fires from river bent right into A.E. Route and tactics satisfactory. Camera operated. Bombing and photo run good. Landed at ODHAM.	A.287

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# OPERATIONS RECORD BOOK

APPENDIX.....

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

By NO. 119 (R.C.A.F.) SQUADRON

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\*12311-93111 W. 47212-2155 734 1044 T.S. 790

FOR THE MONTH OF M.A.R.C.H 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
7th/8th March	LANCASTER X KB 772 R	J183895 Sgt. CUSHMAN, DR	Pilot	1641	0150	Target BRESSAU with 1 X ACCOlb HE III Trinatel 7 X No. 14 clusters 42mk III fuse. Primary at 2200G from 15500 ft. 185 degs. 160 IAS. 8-9/10th cloud between 8 and 10000ft layered. Ident Sky markers flares red green stars and red and green T.I's going down and the glow of same on cloud M.B. clear. Center of group of 3 sky markers as instructed by M.B. A/C was early. Some dummy T.I on W. side of target. Good fires seen after A/C left. Marking was good. Tactics, route and nat were very good. A/C S and L until after camera turned over. Light went on. Attack looked to be good. A/C landed at ODHAM.	A.288
7th/8th March	LANCASTER X KB 823 U	J89431 PO MCGREGOR, JW	Pilot	1635	0138	Target BRESSAU with bombload same as "O". Primary at 2200hrs from 16000ft. 180 degs 165 IAS. 7/10th cloud tops 9000ft. Ident red T.I burning on the ground. 2155 orbited because markers were not down. Bombed red T.I on the ground M.B. first heard instructing to bomb ground markers and later to bomb sky markers. Good red glow on the clouds after A/C left. 1 cluster No. 14 42 mk III fuse jettisoned 4912H 0935H from 23000ft at 2252 hrs. Route and tactics good; A/C S and L throughout. Light went on. Attack looked successful. A/C landed ODHAM.	A.289
7th/8th March	LANCASTER X KB 752 V	J9757 PL ARMSTRONG, WR	Pilot	1639	0136	Target BRESSAU with bombload same as "O". Primary at 2201hrs from 15000ft 160 degs. 155 IAS. 9/10ths thin wispy stratus 9000ft. VIS very good. Ident red flares, green stars visually by loop in ELBE. Red and green T.I. M.B. heard. Bombed centre of concentration of red and green T.I's. M.B. disregarded because of incorrect heading and wind too high. T.I red and green abundant and well placed among fires which were well concentrated. little smoke - very good attack. Route and tactics O.K. A/C S and L on bombing run. In this pilot's experience 90% of Jerry's dummy T.I's are red. He suggests that it might be well to use more greens. A/C landed ODHAM.	A.290
7th/8th March	LANCASTER X KB 851 W	J16122 PL HALETT, AM	Pilot	1644	0126	Target BRESSAU with bombload same as "O". Primary at 2203hrs. from 15,500 ft. 180 degs. 155 IAS: 10/10th stratus. 7-8000 ft. vis good. Ident red flares & green. M.B. heard. Bomb at one salvo red flares green stars on M.B.'s instructions. Sky markers seen well concentrated on runout. Glow of fires seen BHEK on runout. Covered a wide area but well concentrated. Explosion of cookies. Cannot assess attack. Route and tactics O.K. A/C S and L throughout bombing run. A/C landed ODHAM.	A.291
7th/8th March	LANCASTER X KB 732 X	J25474 PO GRIFFITH, PD	Pilot	1646	0212	Target BRESSAU with bombload same as "O". Primary at 2203.5hrs. from 17,200ft. 185 Degs. 160 IAS. 2/10th stratus CU 7/8000ft. Vis good. Ident. Red flares, green stars, glow of fires on cloud. M.B. heard. Bombed centre red flares green stars on M.B.'s instructions. 3 flares well concentrated. White glow on cloud. Pilot dubious about long southern IX on return journey and faint towards Berlin. Tactics O.K. A/C S and L. A/C landed ODHAM.	A.292

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
11th March	LANCASTER X KB 841 A	J23026 FL. THORSON, W.	Pilot	1117	1740	Target ESSEN with 1 X 8,000 lb and 1 trit. 2 X 500 lb M.C. T.D. .025, 14 X 500lb U.S.A. GP T.D. 025. Primary at 1518 hrs from 19000ft. 046 degs. 155 IAS. 10/10th cloud up to 6000ft. Ident by blue smoke puff, red smoke puff, G.S. and M.C. Bombed blue smoke puff as per M.B. H to S turned on at 1447hrs. 5028 H 0511 E. M.C. changed instructions from "left blue smoke puff" to "red smoke puff" but few aircraft seemed able to get onto heading for red. Concentration of A/C in T.A. B/S saw dark smoke breaking cloud top as A/C ran out. Route and tactics satisfactory. Bombing and camera run S and L.	A.293
11th March	LANCASTER X KB 839 D	J24764 FL. TULK, P.	Pilot	1119	1801	Target ESSEN with bombload same as "A". Primary at 1516 hrs A.294 from 18700ft. 044 degs. 155 IAS. 10/10ths stratus to 5000ft. Vis very good. Ident by G. Fix. Blue smoke puffs. M.B. heard Bombed one blue smoke puff on M.B. instructions. H to S switched on 5030N 0520E, 1448 hrs. FFF kept RF well marked with the maximum of blue smoke puff. Good concentration to A/D, a dirty grey lump of smoke and cloud heaved up to 1000ft above cloud top. Jett. Cant assess attack. Route and tactics very good. S and L right through bombing run. Camera functioned.	
11th March	LANCASTER X KB 865 E	J9173 FL. HAYES, H.M.	Pilot	1122	1755	Target ESSEN with 1 X 4000lb HB and 1 trit. 5 X 500 lb A.295 M.C. TD 025. 11 X 500lb U.S.A. GP TD 025. 1 X 8 W.G. 37. nicolal. Primary at 1517hrs from 18,400ft, 046 degs. 155 IAS. 10/10th cloud up to 6,000ft. Ident by red smoke puff, blue smoke, M.C. G. H to S Bombed between red and blue smoke puff. as per M.C. On run in at 1516 hrs momentary explosion broke cloud tops just short of T.A. concentration of A/C good. M.C. good, FFF sufficient. 2 X 500lb. USA GP TD 025 jett. safe 5220N 0320E at 1639 hrs from 8000ft. Route and tactics satisfactory. Bombing run and camera operated.	A.295
11th March	LANCASTER X KB 733 G	J10761 FL. COLLARD, H.W.	Pilot	1139	1738	Target ESSEN with 1 X 4000lb HB and 1 trit. 3 X 500lb M.C. 13 X 500 USA GP TD 025. Primary at 1516.8' from 18,100ft. 046 degs. 165 IAS 10/10th white top 7000ft. Ident by blue smoke puffs. Bombed left hand blue puff as per M.R. No estimate possible. Route and tactics markers well concentrated, black smoke came through cloud tops. A.C. S and L during centre bombing run.	A.296
11th March	LANCASTER X KB 878 I	J24761 FL. MONTIVIER, H.A.	Pilot	1124	1739	Target ESSEN with 1 X 4000lb HB and 1 trit. 2 X 500lb M.C. 14 X 500lb USA GP TD 025 1 X 8 W.G. 37 nicolal. Primary at 1516.8 hrs from 17,800ft. 045 degs. 160 IAS. 10/10th stratus 5-6000ft. Vis very good. Ident by G. Fixes. blue and red smoke puffs. H to S US from set course time. FFF kept RF well marked with blue and red smoke puffs. A dome of dirty brownish coloured smoke seen bulging up above level of cloud tops on run out of T.A. Couldn't assess attack. Route and tactics O.K. S and L throughout bombing run.	A.297

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 341

DETAIL OF WORK CARRIED OUT

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

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\*15211-2211) Wk. 2872-2156 734 10164 T.S. 700

FOR THE MONTH OF MARCH 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
11th March	LANCASTER I KB 762 J	J16136 FL MCLAUGHLIN, WM	Pilot	1115	1800	Target ESSEN with bombload same as "A". Primary at 1515.5 hrs from 17,500 ft. 046T Degs. 160 IAS. 10/10ths S.C. tops 6,000ft. Vis very good. Ident and bombed on blue smoke puffs as instructed by M.B. Smoke puffs plainly seen and concentrated. ME heard plainly. A/C very well concentrated over target. Cloud became pushed up over target and became mixed with black smoke. Gas was jammed. A/C S and L when camera operated. Route and tactics very good. Halifax seen dropping nickles near our front flines.	A.296
11th March	LANCASTER I KB 814 N	J27556 FO SMITH, GL	Pilot	1143	1727	Target ESSEN with bombload same as "A". Primary at 1525 hrs from 15,000ft. 046 Degs. 165 IAS. 10/10ths cloud up to 5,000 ft. Ident. by red and blue smoke puff and Gee. Bombed blue smoke puff - ME not heard. No results seen due to cloud cover. Route and tactics satisfactory. Bombing run 8 and L. A/C landed at WOODHEDGE with stbd. inner feathered.	A.299
11th March	LANCASTER I KB 748 O	J183895 FS CUSHMAN, DR	Pilot	1136	1750	Target ESSEN with 1x 4000 lb HO NI Trit., 9 x 500 lb MC, 7 x 500 lb USA GP ED.025. Primary at 1516.8 hrs from 19,000 ft. 043 Degs. 160 IAS. 10/10th S.C. tops 5/6,000 ft. Vis very good. Ident. by blue smoke puffs. Bombed blue smoke puffs as per M.B. Black smoke was all over the target and above 6,000 ft. ME heard exceptionally well and marking was good and well concentrated. A/C very well concentrated. Smoke obscured further estimate. Evasive action 30 degs. to port when cameras operated. Route and tactics very good.	A.300
11th March	LANCASTER I KB 786 P	J26673 FL OSBORN, WV	Pilot	1121	1754	Target ESSEN with bombload same as "A". Primary at 1517.2 hrs from 18,800 ft. 046T Degs. 155 IAS. 10/10ths cloud at 7000-8000 ft. Ident. by blue and red smoke puffs and M.B. instructions. Bombed blue smoke puffs on port side on ME instructions. Blue and red smoke puffs coming through cloud. 1 x 500 lb MC jett. safe 5211N 0252E, 1630.7 hrs from 8,000 ft. Tactics O.K. Camera run 8 and L.	A.301
11th March	LANCASTER I KB 869 Q	J37559 FO BOWEN, DS	Pilot	1130	1759	Target ESSEN with 1 x 4000 lb HO NI Trit., 10 x 500 lb MC, 6 x 500 lb USA GP ED.025. Primary at 1517.8 hrs from 18,700 ft. 045 Degs. 160 IAS. 10/10th solid tops 5,500 ft. Ident. by red and blue smoke puffs, checked by Gee. M.B. instructed to bomb red smoke puffs. Nothing seen in T/A. 1 x 500 lb GP hung up and jettisoned safe 52214 N 0315 E at 1656 hrs. Route and tactics O.K. Attack concentrated. Smoke seen coming up through the cloud tops. A/C S and L till bombs gone, safe then climbed to stbd. to avoid another 30 ft.	A.302
11th March	LANCASTER I KB 854 T	J16122 FL HALESTY, AM	Pilot	1132	1757	Target ESSEN with bombload same as "A". Primary at 1517 hrs from 18,000 ft. 046 Degs. 155 IAS. 10/10ths solid tops 5/6,000 ft. Ident. by blue and red sig marking puffs. Bombed centre of red puffs on M.B. instructions. Nothing seen owing to cloud cover. Route and tactics O.K. Black smoke seen coming through cloud tops. A/C S and L during entire bombing run.	A.303

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*Handwritten initials/signature*

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
11th March	LANCASTER I KB 823	J27560 FO MILLAR, WF	Pilot	1134	1725v	Target ESSEN with bombload same as 'A'. Primary at 1516.8 hrs from 17,800 ft. 040 Deg. 155 I AS. 10/10th cloud tops 7000 ft. very dense ground - only seen once in entire trip. Ident. by blue smoke puffs - Gee checked exactly with marker. Nothing could be seen through cloud but after A/C left the 7th smoke rose through the cloud. Good concentration of A/C where we bombed. Blue smoke puffs cannot be seen as well as red flames. Route and tactics very good. M/B very good. A/C S and I at release point but in slight port bank immediately after.	A-304
11th March	LANCASTER I KB 752	J38059 FO LANGROUGHTON, DER	Pilot	1137	1806	Target ESSEN with 2 x 4000 lb HE NI Trit. 6 x 500 lb M/TD-025. Primary at 1519.5 hrs from 17,500 ft. 045 Deg. 155 IAS. 10/10ths cloud up to 6,000 ft. Ident. by red smoke puffs. Blue smoke puffs. Gee and M/B. Bombed red smoke puffs as per M/B. Dark smoke rising well above cloud tops as A/C turned off. Route and tactics satisfactory. Bombing run level. Camera light did not operate.	A-305
11th March	LANCASTER I KB 851	E195418 FS BARRISH, OW	Pilot	1142	1787	Target ESSEN with bombload same as 'A'. Primary at 1518.5 hrs from 17,250 ft. 045 Deg. 155 IAS. 10/10 stratus 5-6,000 ft. Vis very good. Ident. by Gee M/B. Blue smoke puffs, red smoke puffs - M.B. clearly heard. Bombed centre of four red smoke puffs. R/P kept well marked by FFF. Dirty greyish haze in cloud seen over target on run out. Cannot see attack. Route and tactics O.K. Altitudes of A/C presumed S and I throughout bombing run.	A-306
11th March	LANCASTER I KB 752	J25474 FO GRIFFITH, ED	Pilot	1128	1749	Target ESSEN with 1 x 4000 HE NI Trit., 16 x 500 lb M/TD-025. Primary at 1518.3 hrs from 19,020 ft. 046 Deg. 155 IAS. 10/10th solid - tops 5/5,000 ft. Ident. by blue and red smoke puffs - checked by Gee. Bombed red smoke puff on M.B. instructions. No estimate possible - top of cloud considered to bulge - no smoke seen. Route and tactics O.K. Nothing seen at target. A/C S and I during bombing run.	A-307
11th March	LANCASTER I KB 841	J38836 FO HOMER, JH	Pilot	1241	1940	Target DORTMUND with 1 x 4000 lb HE NI Trinitol, 16 x 500 lb USA GP AM G4 TD-025, 2 x 500 MG ER TD-025. Primary at 1648 hrs from 18,000 ft. 028 Deg. 155 IAS. 10/10 St. Gu. tops 6/7,000 ft. Could not see the ground Vis good. Ident. by green sky markers, smoke puffs, M.B. - Gee was jammed, H2S U/S. Bombed one green smoke puff slightly to port of a group of blues. M.B. heard instructing to bomb centre of blue when A/C over, also instructed to bomb centre of greens. Markers continuous and well concentrated. No results owing to cloud. - Very good concentration of A/C. Route and tactics good. Indicating light did not show, U/S. A/C S and I H2S on 1600. 2012H 0501R. Good attack.	A-308

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OFFICIAL RECORD BOOK

# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

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

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15103-5511 Wt. 5722-4125 724 1064 T.S. 790

FOR THE MONTH OF MARCH 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
12th March	LANCASTER X KB 839 D	J24764 FL TULK, PH	Pilot	1238	1931	Target DORMUND with bombload same as "A". Primary at 1645.1 hrs. from 17,700 ft. 030 Degs. 155 IAS. 10/10th Strato. Cu. up to 4,5,000 ft. Ident. by blue smoke puffs, Gee, H2S, M6. Bombed blue smoke puffs (centre of three) as per M6. Cloud dirty brown from smoke in T.A. M.C. controlled attack well. PFF well timed and sufficient. N.W. corner of city showed a smaller darkening of clouds as though a stray stick had made a strike. Intercom and 1100 u/s from take off. Route and tactics satisfactory. Bombing run S and L. Camera operated.	
12th March	LANCASTER X KB 865 E	J41159 FO SMITH, JW	Pilot	1248	1930	Target DORMUND with 1 x 4000 lb HC NI Trinitol, 14 x A.310 500 lbs HP AMM G4 TD.025, 2 x 500 MG BR TD.025. Primary at 1644.2 hrs. 17400 ft. 031 Degs. 155 IAS. 10/10th Strato. Cu. cloud up to 6,000 ft. Ident. by Green smoke puff, blue smoke puff, Gee and M.C. Bombed centre of green and blue smoke puffs as per M.C. General upheaval of cloud and discolouring. PFF generous but spread out in time across attack. 1 x 500 lbs HP AMM G4 TD.025 jett. safe due to hang up 5217H 0315H at 1806 hrs. from 10,000 ft. Route and tactics satisfactory. Bombing run S and L. Camera operated.	
12th March	LANCASTER X KB 735 G	J10761 FL COLLARD, HW	Pilot	1246	1912	Target DORMUND with 1 x 4000 lb HC NI Trinitol, 2 x 500' A.311 1b MG BR. TD.025, 14 x 500 GP BR. TD.025. Primary at 1644.7 hrs from 17,000 ft. 031 Degs. 160 IAS. 10/10th solid cloud tops 6/7,000 ft. Ident. blue smoke puffs. Checked by Gee, Bombed centre of blue smoke puffs, as per M.B. Greyish smoke standing about 100 ft. above cloud base in a fairly wide bulge. Route and tactics O.K. No estimate of target possible. A/G G and L during bombing run.	
12th March	LANCASTER X KB 878 I	J85304 FO NICHOLS, RA	Pilot	1244	1904	Target DORMUND with bombload same as "A". Primary at 1643.8 hrs from 16,800 ft. 028 Degs. 160 IAS. 10/10 thick cloud tops 6/8,000 ft. Ident. by blue and green smoke puffs dead on with Gee. Bombed one blue smoke puff which was centre of several groups. Nothing could be seen owing to cloud. Marking fairly well concentrated and continuous. Good concentration of A/G. Liked the operation of 300 ft in heights. Route and tactics very satisfactory. Slight bend to port for latter part of camera turn over. Indicating light on. If markers <del>expensive</del> right attack will be successful.	A.312
12th March	LANCASTER X KB 870 K	J16138 FL MCLAUGHIN, WF	Pilot	1304	1905	Target DORMUND with bombload same as "A". Primary at 1644.6 hrs. from 16,500 ft. 031 Degs. 160 IAS. Ident. by blue and green smoke puffs, M.C. Gee and H2S. Bombed green and blue puffs as per M.B. First blue smoke well on line. All well concentrated. One blue burst at about 6000 ft just about 12000ft. as A/G ran off round black area of smoke. Breaking cloud top. Route and tactics satisfactory. Bombing run S and L.	A.313

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2/14/52

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
12th March	LANCASTER X KB 748 C	J2673 FL OSBORN, WW	Pilot	1242	1245	Target DOWNED with bombload same as "G". Primary at 1644 hrs from 18,000 ft. 031 Degs. 155 IAS. 10/10th solid tops 6,000 ft. Ident. by M.B. - green and blue sky markers and Gee check. Bombed green sky marker in accordance with M.B. No assessment possible. Slight black haze in cloud tops over target. Route and tactics O.K. A/C jettisoned in the channel on track on route home. A/C S and L during entire bombing run.	A.314
12th March	LANCASTER X KB 786 P	J7007 FL WATTS, JW	Pilot	1301	1906	Target DOWNED with bombload same as "A". Primary at 1644.0 hrs from 17,700 ft. 083 Degs. T. 155 IAS. 10/10th cloud stratus tops 8,000 ft. Vis good. Ident. by smoke puffs and Gee timing. Bombed centre of blue smoke puffs on M.B.'s instructions. Cloud appeared dirty in a large circle and the markers were amongst and well concentrated in this cloud. No further estimate but if markers were well placed then attack is bound to be successful. H2S unserviceable. A/C S and L until camera operated. Route OK all right but tactics laid on for protection, as the reaching height late, too late for good navigation.	A.315
12th March	LANCASTER X KB 869 Q	J57559 FO BOWEN, DE	Pilot	1303	1910	Target DOWNED with bombload same as "G". Primary at 1645.0 hrs from 17,400 ft. 030 T Degs. 155 IAS. 10/10th cloud at 5-6000 ft. Ident. by M.B. and blue and green smoke puffs. Bombed blue smoke puffs on M.B. instructions. Well marked on time and good concentration of green and blue sky markers. Large circle of smoke coming up through the clouds. Considered excellent attack. Camera light on. Camera run S and L.	A.316
12th March	LANCASTER X KB 772 R	J92191 FO RICKERT, DE	Pilot	1252	1929	Target DOWNED with bombload same as "A". Primary at 1648.0 hrs from 18,000 ft. 027 Degs. T. 165 IAS. 10/10th low stratus 5,000 ft. tops. Vis good. Ident. by smoke puffs and bombed on green smoke puffs as per M.B. instructions. Well marked coming up like a mushroom and about 4-5 miles diameter of the circle. Marking was well timed. Good concentration of A/C stream going in over target. H2S not working well. A/C held S and L until camera operated. H2S was good but crew thought there may A/C over target at same time for safety.	A.317
12th March	LANCASTER X KB 843 (NA) D (428 A/C)	J16122 FL HALLERT, AM	Pilot	1235	1914	Target DOWNED with bombload same as "A". Primary at 1648 hrs from 17,100 ft. 031 Degs. 160 IAS. 10/10th cloud tops 6/7,000 ft. Ident. by green smoke puffs, checked by Gee. Bombed centre of 7 green smoke puffs. Cloud haze seemed to be bigger than yesterday. Would seem good attack. Route and tactics good. No estimate possible. A/C S and L during bombing run.	A.318
12th March	LANCASTER X KB 823 U	J27560 FO MILLER, WW	Pilot	1259	1905	Target DOWNED with bombload same as "B". Primary at 1643.6 hrs from 16,700 ft. 050 Degs. 160 IAS. 10/10th at: up to 8/10,000 ft. Ident. by sky markers, blue and green smoke puffs. Gee check showed markers slightly to subd. M.B. markers. Bombed one blue smoke puff with a green immediately above it. Good concentration of A/C over target. Markers well concentrated and continuous. Route and tactics very satisfactory. A/C S and L throughout bombing run. Smoke seemed to rising into the cloud and was mixed with it. Attack should appear successful.	A.319

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 341.

DETAIL OF WORK CARRIED OUT

By NO. 419 (R.C.A.F.) SQUADRON.

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FOR THE MONTH OF MARCH 1945

13111-9311 W. 0202-0150 754 1064 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
12th March	LANCASTER I KB 752	J9757 FL ARMSTRONG WR	Pilot	1311	1913	Target DORMUND with bombload same as "A". Primary at 164.2 hrs from 16,500 ft. 030 Degs. 160 IAS. 10/10th stratus cloud up to 5,000 ft. Ident. by blue and green smoke puff, M.C. and Gee. Bombed northerly blue smoke puff as per M.C. First blue smoke puff well on time. Centre group of blues well concentrated. Large circular area black smoke breaking cloud top. Route and tactics satisfactory. Bombing run S and L. Camera run operated.	A.320
12th March	LANCASTER I KB 851	D1579 WC FERGUSON ME	Pilot	1240	1921	Target DORMUND with bombload same as "A". Primary at 164.2 hrs from 17,100 ft. 031 Degs. 160 IAS. 10/10th stratus cloud up to 7,000 ft. Ident. by blue smoke puffs, green smoke puffs, H2S and M.C. Bombed centre of blue smoke puffs as per M.C. 3 blue smoke puffs across our track - M/G said to take the centre. Some greens laid on Northern edge of city. Marking well timed and good. Dark fall, over white cloud above T.A. in about a ten mile circle on result of bombing. Cloud being obscured by blast and heat in T.A. Route and tactics satisfactory. A/G used excessive heights throughout trip. Bombing run S and L. Camera operated.	A.321
12th March	LANCASTER I KB 793 (M.C.) X (428 A/G)	J38099 FO LAMBROUGHTON DER	Pilot	1305	1924	Target DORMUND with bombload same as "A". Primary at 164.7 hrs from 17,400 ft. 029 Degs. T. 155 IAS. 10/10th stratus tops 7500 ft. Vis good. Ident. by smoke puffs and Gee bombing. Bombed green smoke puffs on MB instructions. Smoke puffs could be seen 40 miles before target. Dark grey circular patch on the white cloud covered a good mile in diameter increasing all the time and one large patch of smoke had risen about 1000 ft. about cloud to the W. W. or T.A. 5 Degs. observation to port when camera operated to avoid collision. Route and tactics good. Good flight escort.	A.322
14th /15th March	LANCASTER I KB 721 B	J38836 FO HORNBER, JH	Pilot	1635	2333	Target ZWENBRUCKEN with bombload same as "B". Primary at 201.4 hrs. from 13,700 ft. 025 degs. 150 IAS. Clear. Ident. green and red T.I's illuminating flares, GG H2 S built up area identified visually. Bombed centre of red and green T.I's. Home on GG; M.C. not heard. Only one stick before ours; no assessment possible. PFF well timed and concentrated. Should be a good attack. Two large explosions one following other at 202 hrs. Flame dark red. Route and tactics satisfactory. Bombing run, Photographic run S and L. Camera operated.	A.323
14th/15th March	LANCASTER I KB 839 D	J24764 FL TULK, RH	Pilot	1631	2356	Target ZWENBRUCKEN with bombload same as "B". Primary at 201.4 hrs. from 13,700 ft. 024 degs. 160 IAS. Clear. Ident. red and green salvos, illuminating flares, GG H2 S. M.C. Built up area visually. Bombed centre of red and green T.I's as per M.C. Streets seen clearly, cookies bursting in them. Too early to see results but PFF well timed and concentrated so attack should be good. Route and tactics satisfactory. Bombing run S and L. Pulled up to avoid A/G before light went off finally.	A.324

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*DBH/SL*

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
14th/15th March	LANCASTER I KB 865 F	J1159 PO SMITH, JW	Pilot	1621	0015	Target ZWIEBRUCKEN with bombload same as "B". Primary at 2014/hrs. from 15,500ft. 064 degs (2), 155 IAS. Clear. Ident. red and green T.I.'s. M.B. and GEE check. Bombed by overshooting of red T.I.'s by one second on M.B. instruction. one X 500 GP. jett. safe. 5026N. 0002E. 2225 hrs. 8000ft. Tactics and route good. Camera light on. Bombing run not B and L. No results observed as A/G was in first of attack.	A. 325
14th/15th March	LANCASTER I KB 733 e	J10761 M. COLLARD, HW	Pilot	1643	2327	Target ZWIEBRUCKEN with bombload same as "B" Primary at 2015.4 hrs. from 15100ft. 080 degs. 160 IAS. Haze; vis. fair. Ident. red and green T.I.'s. GEE fix. Bombed centre of mixed red and green T.I.'s as instructed by M.B. The attack was very well concentrated and should be most successful. A/G in rita. 2 turn to port to avoid bombs from above dropping on us. PFF very excellent. Many explosions. Few in T/A as we left. Smoke was rising to 7-800ft from many fires commencing. Route and tactics O.K.	A. 326
14th/15th March	LANCASTER I KB 878 T	K27958 PO SMITH, GL	Pilot	1617	2247	Target ZWIEBRUCKEN with 1 X 4000lb HG NI Minol, 13 X 500lb. SAF USA AIM 58 ED .025. Primary at 2015/hrs. from 12800ft. 086 degs. 170 IAS. Clear, very slight haze, vis good. Ident. visually a stream and railway. Red and green T.I. in good concentration. Looked as though they were in the built up area. Checked by GEE. Bombed T.I. cascade 2011hrs. Reds went down first then red and green right beside them. Mushroom of fire beside red T.I. at 2012-1/2 hrs. Orange colour. Good concentration of bombs bursting among T.I. M.B. heard clearly. Attack looked good A/G well concentrated over the target. T.I. well placed and in good quantity. A/G in starboard. Bank during camera turn over owing to A/G immediately in front. Indicating light went on. Route and tactics O.K.	A. 327
14th/15th March	LANCASTER I KB 870 K	J6214 GL HUNTER, DB	Pilot	1623	2338	Target ZWIEBRUCKEN with 1 X 400 lb. HG NI Trit. 11 X 500lb. GP USA AIM 61. 2X 500lb. GP BR ED.025. Primary at 2015/hrs. from 12600ft. 090 degs. 165 IAS. Clear, slight haze, vis good. Ident. T.I. red and green in salvos, in excellent concentration, illuminating flares. Red T.I. and green T.I. M.B. GEE fix. Bombed red and green T.I. Centre of concentration. first seen H.L. M.B. excellent. Bombing well concentrated and smoke beginning to obscure T.I.'s. M.B. heard instructing to bomb red and green when we went over. Attack should be excellent. Bombs bursting among the markers and markers seemed well placed. Route and tactics good. A/G above caused us to turn slightly to port when camera was turning over. M.B. heard to call attack off at 2024/hrs.	A. 328
14th/15th March	LANCASTER I KB 844 Q	J37559 PO BOWEN, DS	Pilot	1653	2325	Target ZWIEBRUCKEN with bombload same as "B". Primary at 2014/hrs. from 14000ft. 090 degs. 155 IAS. Clear with some haze. Vis good horizontally. Ident. Cluster of red T.I. with green in the centre. could see a built up area. Bombed green T.I. surrounded by red T.I. Markers first seen at 2010hrs. Good marking. Well concentrated very surrounding a green being correct well concentrated. Reddish explosion. Fires had taken hold after we had left the T.I. Route and tactics very good. A/G S and L. Attack should be successful.	A. 329

# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

By NO. 119 (R.C.A.F.) SQUADRON

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15513-15511 W1 48741-4155 728 10664 T.S. 900

FOR THE MONTH OF M A R C H 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
14/15th March	LANCASTER X KB 748 O	J26673 FL OSBORN, WW	Pilot	1625	0008	Target ZWEIBRUCKEN with 1 x 4000 lb HD NI Minol. 13 x 500 lb GP USA AM 56 TD.025. Primary at 2015 hrs. from 1200ft. 091 degs. 160 IAS. Slight haze, vis excellent. Ident. red and green T.I.'s. Gee check and visually buildings and streets outlined. Bombed under shoot red and green T.I.'s by 100yds as instructed by M.B. W.B. left the area two T.I.'s had taken hold and were burning well. A/C saw a large orange explosion. One large explosion seen to the S.W. corner of the target on the outskirts of the target. 1 x 500 lb jett. safe and photo flash. 5023 - 0005R at 8000ft. Route and tactics O.K. on 300ft level. at height. A/C hits too many slip streams, hard to keep a/c S and L. Dog light O.K. The attack should be very successful. A/C S and L during entire bombing run.	A.330
14th/15th March	LANCASTER X KB 706 F	R183895 FS CUSHMAN, DR	Pilot	1633	0010	Target ZWEIBRUCKEN with bombload same as 'I'. Primary at 2015 hrs from 11900 ft. 090 Degs. 170 IAS. Clear. Ident. red and green salvoes, illuminating flares Gee M.C. Bombed centre of red and green T.I.'s as per M.C. PFF concentrated and well backed up. Bombing A/C saw wps well into marker. One good fire burning in centre of town area. 2 x 500 lb GAF USA AM 58 TD, jett. safe. 5023 N, 0017W, 2217 hrs. 4000 ft. Route and tactics very good. Bombing and photographic run S and L. Camera operated.	A.331
14th/15th March	LANCASTER X KB 992 77A R	R193418 FS PARKIN, GW	Pilot	1629	2340	Target ZWEIBRUCKEN with 1 x 4000 lb HD NI MINOL, 11 x 500 lb GP USA AM 56, 2 x 500 lb MG BR TD.025. Primary at 2015. 5 hrs from 11,000 ft. 086 Degs. 160 IAS. Ground haze - vis good. Ident. by Red T.I.'s. Bombed centre of red and green T.I.'s as per M.B. instructions. PFF was right on time. Two bombs burst seen only at 2027 hrs. after leaving target and huge sheet of dark orange flame seen to come up to 2000 ft at the target. A/C held S and L until camera operated. Route and tactics quite satisfactory.	A.332
14th/15th March	LANCASTER X KB 746 S	J24761 FL MCINTYRE, HA	Pilot	1647	0002	Target ZWEIBRUCKEN with bombload same as 'H'. Primary at 2015.3 hrs. from 13700 ft. 090 degs. (T) 160 IAS. Clear, slight ground haze. Ident red T.I.'s then salvoes of red and green. M.B. instructions and Gee check. Bombed centre of red and green T.I.'s on M.B. instructions. Marking well concentrated. Punctual smoke to 2000ft. and fires observed. one x 500GP jett. safe; 5018N, 0003W at 2212 hrs. 6000ft. Tactics and route good, bombing run reasonably S and L.	A.333
14th/15th March	LANCASTER X KB 752 V	J9757 FL ARMSTRONG, WR	Pilot	1616	2344	Target ZWEIBRUCKEN with bombload same as 'E'. Primary at 2015.8 hrs from 13,000ft. 088 Degs. 165 IAS. Clear but smoke from T.I.'s heavy. Ident. built up area identified visually, Red and green T.I.'s and illuminating, M.C. Gee, H2S. PFF on time and generous - one right on top of each other. Attack well concentrated. Cookie bursts seen among markers. Two large explosions in T.A. at 2025 hrs. 1 x 500 GP USA AM 56, T D.025 hung up and jett. safe in Channel jettisoning area at 2205 from 5,000 ft. Route and tactics excellent. Bombing and photo. run S and L. Camera operated.	A.334

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A/B 74 5/4

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
14th/15th March	LANCASTER X WB 851 W	J38059 FO LAMERBROUGHTON, DER	Pilot	1627	2332	Target ZWEIBROCKEN with bombload same as 'U'. Primary at 2015 hrs from 13,100 ft. 085 Degs. 155 IAS. Clear. Ident by built up area, Red TI's, red and green salvos, M.C. Gee, H2S. Bombed centre of red and green TI's as per M.C. Red TI's went down on time followed by illuminating flares and red and green TI's. Too early to judge results. M.C. clear and H2S concentrated. Route and tactics excellent. Bombing run S and L. Camera operated.	A.335
14th/15th March	LANCASTER X KB 823 U	J92191 PD RICKERT, DE	Pilot	1619	0013	Target ZWEIBROCKEN with bombload same as 'U'. Primary at 2015.7 hrs from 12,800 ft. 083 Degs. T, 175 IAS. Clear - via good ident. by red TI's and illuminating flares. Bombed on red and green TI's on instructions of M.B. Flares were seen about 5 mins. after leaving target. Bomb bursts among small concentration of TI's. M.B. clear. 1 x 500 lb USA AM, 64 TD. 025 hung up and jettr. were 5022N 0002E 2212 hrs from 7,900 ft. DR Compass U/S. A/G S and L until camera operated. Route and tactics good. Attack appeared concentrated.	A.336
14th/15th March	LANCASTER X KB 732 X	J16138 FL MCLAUGHLIN, MW	Pilot	1638	2343	Target ZWEIBROCKEN with bombload same as 'U'. Primary at 2015.6 hrs from 12,500 ft. 088 Degs. 160 IAS. Haze - vis good. Ident. by red and green TI's - checked by Gee. Bombed centre of TI's as instructed by M.B. Told crews to keep transmitters off also gave a time check. TI's and bombs were excellent - two large red explosions seen at 2030 hrs. Route and tactics O.K. Attack considered very good, well concentrated. A/G S and L during run - hit slip stream and may have rocked later as camera operated.	A.337
15th/16th March	LANCASTER X KB 721 B	J38826 FO HORNER, J.H. NW	Pilot	1636	2355	Target ZWEIBROCKEN HAGEN with 1 x 1000 lb HE NT. Trip. 1485 x 4 lb Inc., 165 x 4 lb 'X' type Inc. Primary at 2035 from 17,500 ft. 093 Deg. 160 IAS. Clear - some haze horizontal vis good. Ident. by red TI, smoke, M.B. fires and illuminating flares. Bombed centre of smoke as per M.B. M.B. heard clearly. Green TI dropped well after red fell in centre of smoke and disappeared. M.B. heard to cancel ground and sky markers and bomb smoke. Ground flares. Good concentration of bomb bursts. Route and tactics very good. Attack looked to be very successful. A/G S and L. Light went on.	A.338
15th/16th March	LANCASTER X KB 839 D	J24761 FL METIVIER, HA	Pilot	1635	2349	Target HAGEN with bombload same as 'B' plus 0 x 8 83 97 Nickel. Primary at 2034 hrs from 17,000 ft. 390 Degs. 160 IAS. Clear with ground haze. Ident. by red and green TI's, illuminating flares, M.C. and Gee. Bombed centre of smoke on M.B.'s instructions. Smoke obscuring markers. Flares in T.A. burning well, plenty of smoke. Looked like a good attack. Route and tactics satisfactory. Flak from river area although a/c at briefed heights. Bombing run good but camera short circuited before taking off - Due to hang up brought back 335 x 4 lb Inc. and 15 x 4 lb 'X' type.	A.339

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

By No. 419 (Bomber) Squadron  
FOR THE MONTH OF M.A.R.C.H. 1945.

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PAGE No. 33

\*12381-9511) Wk. 2729-2735 729 1044 T.S. 790

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
15th/16th March	LANCASTER I KB 865 E	J41159 FO SMITH, JW	Pilot	1623	0003	Target HAGEN with bombload same as "D". Primary at 2033.7 hrs. from 18,100 ft. 010 deg. T., 155 IAS. Clear - vis good. Ident. by red T's. Bombed centre of smoke on M.B. instructions. Eight fires seen on way out; burning well and nicely clustered. Bombs well concentrated in T.A. Target area. 2035 hrs. 18100, leading edge of stbl. stabilizer and H2S perspex blinder slight climb when camera operated. Route and tactics all right. <del>Route shot down by A/G</del>	A.340
15th/16th March	LANCASTER I KB 735 G	J10761 FL COLLARD, HW	Pilot	1625	2353	Target HAGEN with bombload same as "D". Primary at 2033.5 hrs. from 18,400 ft. 355 degs. 155 IAS. Clear but hazy. Ident. by red and green T's, illuminating flares and Gee. Bombed centre of green T's - M.G. not heard. One red T.N. of target - rest concentrated. Fires burning merrily and concentrated. Good attack. Route and tactics fair but leg across river belt too low. <del>A/G shot down by flak. Bombing run good.</del> Camera turned over. A/G S and L.	A.341
15th/16th March	LANCASTER I KB 878 I	J27558 FO SMITH GL	Pilot	1620	2351	Target HAGEN with bombload same as "D". Primary at 2033.6 hrs. from 18,700 ft. 333 degs. 155 IAS. Clear with slight haze. Ident. by green T's, dummy flare S of target about 3 miles. Gee checks. Bombed centre of cluster of green T's going down. They disappeared into smoke. Fires had taken hold. Lots of smoke up to 4/5000 ft. Route and tactics good. A/G S and L. Light went on.	A.342
15th/16th March	LANCASTER I KB 870 K	J16138 FL McLAUGHLIN, W. M.W.	Pilot	1638	-	Target HAGEN with bombload same as "D". This aircraft was reported missing. On the 24th March Medical Forms were received from the U.S. Army indicating that the Pilot J16138 P/L W.M. McLaughlin, Air Bomber J85369 P/O B.V. Sommers, Flight Engineer R107563 P/S Lightfoot, W.W., MI/AG J87585 P/O J.M. Charbonneau were picked up and admitted to hospital at 2150 hrs. 15th March, 1945, in Allied territory on this side of our lines. Inquiries are now being made but as yet no further information has come to hand. The remaining aircrew members, who are still missing, had completed the following: (Nav.) J19068 P/O H.L. Gardlock, with 16 sorties, pts. not available and 72.10 op. hrs. (R/AG) J88306 P/O E.B. Carleton with 9 sorties (Sec. tour) 24 pts. and 72.10 op. hrs. (WOP/AG) R88436 W/O Sutherland, A. with 17 sorties (Sec. tour) 43 pts. and 50.10 op. hrs. <del>AC reported missing, later UP ON RETURN.</del>	A.343
15th/16th March	LANCASTER I KB 814 H	R19418 FS PARRISH, CW	Pilot	1627	-	Target HAGEN with bombload same as "D". This aircraft was reported missing. Later news was received that the Air Bomber, R218606 P/S Ginter, C. and the Flt. Eng. R265181 Sgt. Bowman, P.V. parachuted to safety and are now safe and well at this Unit. On interrogating these two airman, the following information was received: R19418 P/S Parrish, C.W. with 4 sorties, 15 pts. and 31.05 op. hrs., (W/O) R205102 P/S Vickery, C.H. and (R/AG) R287063 P/S Bradin, M.W. both with 2 sorties, 7 pts. and 13.25 op. hrs. were killed. The fate of the two remaining members, J29286 P/O E.T. Hennessy and R292668 Sgt. Bristow, E. (Nav. & U/AG) with 2 sorties, 7 pts. and 13.25 op. hrs. is unknown. <del>The A/G was shot down by R/AG.</del>	A.344

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
15th/16th March	LANCASTER I KB 748 O	J26673 FL OSBORN, WV.	Pilot	1631	2338	Target HAGEN with bombload same as "D". Primary at 2033.4 hrs from 17,200 ft. 34.1 degs. 160 IAS. Clear but heavy. Ident. by red and green TI's and Gee. Bombed centre of green TI's. M.C. not heard. One group of red TI's dropped N. of T.A. Red and green well concentrated. Bombing well into markers which checked excellent with Gee. Route and tactics satisfactory. Bombing run good. Camera operated when a/c turned.	A.345
15th/16th March	LANCASTER X KB 786 P	KLB3895 FS CUSHMAN, DR.	Pilot	1618	2342	Target HAGEN with 1 x 4000 lb HD NI Minol; 1485 x 4 lb Inc., 165 x 4 lb 'X' Type Inc. Primary at 2034.8 hrs from 17,500 ft. 330 deg. 165 IAS. Clear with some haze. Ident. by red and green TI's, built up area. Gee checks. Bombed far edge of the smoke on M.B. instructions. M.B. gave continuous alterations in bombing instructions. Flare was a mass of concentrated fires with lots of smoke. Flare could be seen for about 100 miles on return. HES blister shot off by flak at 2037 in T.A. Route and tactics good. The attack seemed most successful. A/C S and L still camera turned over.	A.346
16th/16th March	LANCASTER X KB 746 S	J37559 FO BOWES, BS	Pilot	1611	2356	Target HAGEN with bombload same as "D". Primary at 2036 hrs from 14,800 ft. 005 degs. 155 IAS. Clear but heavy and smoky. Ident. by red and green TI's, illuminating flares, M.C., Gee, HES. Bombed green TI's as per M.B. M.C. instructed to ignore red TI's N. of T.A. Smoke was obscuring all but one green TI as a/c ran off. Flare burning well - could be seen in smoke. Route and tactics satisfactory except S/L belt at DUSSELDORF, WILHELM AND ROSEN too close to track. Bombing run S and L and camera operated S and L.	A.347
15th/16th March	LANCASTER I KB 823 Q	J92191 FO HICKIE, BS	Pilot	1609	0001	Target HAGEN with bombload same as "D". Primary at 2034.8 hrs from 18,100 ft. 230 degs. 195 IAS. Clear, slight haze. Ident. by red and green TI's. Built up area and valley leading off it. Bombed centre of red and green TI's. M.B. not clear. Bombing concentrated around TI's on ground. Bomb burst seen going off around A/P. Route and tactics OK as far as A/C concerned. Other A/C had trouble - 3 seen shot down in the area. Attack most successful. A/C S and L during bombing after that a/c took evasive action to stbd. to avoid another a/c and incended about 14/20 degs.	A.348
15th/16th March	LANCASTER I KB 752 V	J9757 FL ARMSTRONG, WR	Pilot	1633	2352	Target HAGEN with 1 x 4000 lb HD NI Minol, 1485 x 4 lb Inc., 165 x 4 lb 'X' type and 0 x 8 20.97 Nickels. Primary at 2034.6 hrs from 18,400 ft. 325 degs. 155 IAS. Slight ground haze, vis good. Ident. by red and green TI's and bombed on reds. Only heard M.B. to say to disregard sky marking. One terrific explosion seen next to red TI's at 2035.6 hrs. Flare seen after leaving target. Attack concentrated. Green TI's seemed scattered. Stbd. bank 30 degs when camera operated from altimeter. Route OK too close to Belgian. Diver strip tactics were good.	A.349

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# OPERATIONS RECORD BOOK

APPENDIX "A"  
A.F. FORM 341

DETAIL OF WORK CARRIED OUT

By NO. 419 (R.C.A.F.) SQUADRON.

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\*15883-93111 WL 48722-4125 724 1944 T.S. 700

FOR THE MONTH OF M A R C H 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
15th/16th March	LANCASTER X KB 851	J38059 FO LAMBROUGHTON, MBR	Pilot	1646	2345	Target HAGEN with bombload same as "D". Primary at 2034.6 hrs from 18,800 ft. 350 degs. 155 IAS. Clear, Vis fair to good - patchy haze. Ident. by Gee-fix, Red TI's and M.B. Bombed left hand edge of smoke - M.B. said to bomb furthest edge of smoke. Seemed to be two sets of M.B. instructions. Seemed to enemy TI down. No. of the target. There was only one group of TI. Route good. We are of the opinion that the enemy was prepared for this attack - unusually well. Tactics satisfactory. Attack successful in spite of what appeared to be enemy interference. A/C S and L. Light went on. Target HAGEN with 1 x 400 lb HC HI Anadol, 2L85 x 4 lb Inc. 165 x 4 15 'X' type Inc. 0 x 8 W.G. 44 Nickels. Primary at 2032.9 hrs. from 16,500 ft. 347 degs. 150 IAS. Slight smoke haze. Vis good. Ident. and bombed on red TI's. M.B. not heard. One large red explosion seen with black smoke to 1000ft. Bombing appeared concentrated. A/C S and L until camera operated but photo flash didn't go. Route and tactics not good. Too close to our own defences also let down too rapid.	A. 350
15th/16th March	LANCASTER X KB 732 X	J24764 FL TULK, PH	Pilot	1643	2358	Target HAGEN with 1 x 400 lb HC HI Anadol, 2L85 x 4 lb Inc. 165 x 4 15 'X' type Inc. 0 x 8 W.G. 44 Nickels. Primary at 2032.9 hrs. from 16,500 ft. 347 degs. 150 IAS. Slight smoke haze. Vis good. Ident. and bombed on red TI's. M.B. not heard. One large red explosion seen with black smoke to 1000ft. Bombing appeared concentrated. A/C S and L until camera operated but photo flash didn't go. Route and tactics not good. Too close to our own defences also let down too rapid.	A. 351
21st March	LANCASTER X KB 841 A	J38856 FO HORNBE, JE	Pilot	0146	0722	Target HEIDE with 1 x 4000 lb HC HI Witt., 6 x 500 lb USA GP ANI 64 TD:025., 2 x 500 lb MC TD:025., 6 x 250 lb GP TI 0 x 8 W.G. 44 Nickels. Primary at 0432.1 hrs from 10,000 ft. 030 T. Degs. 184 IAS. Clear vertical. Vis good. Ident. by mixed red and green TI's and M.C. instructions. Bombed same on M.B. instructions. Sufficient marking of mixed red and green TI well concentrated. Deep orange flame starting to grow. Dense black smoke to 1000 ft. Attack appeared successful. Route and tactics good. Bombing run S and L. Camera on.	A. 352
21st March	LANCASTER X KB 721 B	J41159 FO SMITH, JW	Pilot	0149	0717	Target HEIDE with bombload same as "A". Primary at 0430.0 hrs from 91700 ft. 020 degs. 160 IAS. 6/10th stratus top 3000 ft. Vis good. Ident by red and green TI's and bombed centre of red TI's. Bombing appeared scattered as well as TI's 0432. Large explosion, deep orange with thick oily smoke. Smoke was beginning to build up. Camera run S and L.	A. 353
21st March	LANCASTER X KB 881 C	J27558 FO SMITH, GL	Pilot	0155	0711	Target HEIDE with bombload same as "A". Primary at 0427.0 hrs. from 9,400 ft. 045T Degs. 180 IAS. Clear, good vert. Vis. good. horizontal. Vis. Ident. by visual identification of built up area, green TI's and illuminating flares - checked on H2S. Bombed green TI's. M.B. not heard. Marking plentiful but not concentrated. One large explosion lit up whole sky 5 mins. out from target. Fires obscured at 20 to 30 miles on way out. Route and tactics good. No results as A/C early. Bombing run level and camera on.	A. 354
21st March	LANCASTER X KB 839 D	J24764 FL TULK, PH	Pilot	0205	0718	Target HEIDE with bombload same as "A". Primary at 0431.8 hrs. from 9,100 ft. 050 T. Degs. 150 IAS. No cloud - smoke haze. Ident. by red and green TI's checked with H2S. Bombed red TI's. Bombing and flares were scattered. One large explosion, orange flame, thick black smoke 0433.0 s another at same time. Camera run S and L.	A. 355

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
21st March	LANCASTER X KB 733	J10761 FL COLLARD, HW	Pilot	0200	0741	Target HEIDE with bombload same as "A". Primary at 0432.4 hrs from 8,300 ft. 065 Degs. 170 IAS. Clear. Vis good. Ident by red and green T.I.'s. Bombed same on instructions of M.B. 2 very large explosions with orange flame at 0433 hrs and smoke came up to 4,500 ft. Bombs well placed among the markers. A/C held S and L until camera operated. Route and tactics good.	A.356
21st March	LANCASTER X KB 761	J35681 FC RETALLACK, GP	Pilot	0202	0731	Target HEIDE with bombload same as "A". Primary at 0432 hrs from 8,500 ft. 045 Degs. 185 T IAS. Thin haze 2,3000 ft. Vis good. Ident by illuminating flares, green and red T.I.'s. Visually by road and railway. Bombed centre of concentration of red and green T.I. M.B. heard say "Assessment as per Flight Plan". T.I.'s well placed on target. A few fires starting up. A very big explosion at 0432.2 hrs. large orange flash. Considerable amount of oily smoke. A good swing. Route and tactics very good. S and L throughout bombing run.	A.357
21st March	LANCASTER X KB 884	J92191 FC KICKERT, IE	Pilot	0156	0747	Target HEIDE with 1 x 4000 lb HC NI MK; 8 x 500 lb USA GP ANM.64; 2 x 500 lb MC TD.025. 6 x 250 lb GP TI, 0 x 8 WG 4A Nichols. Primary at 0430.5 hrs. from 8,500 ft. 069 Degs. 185 IAS. Clear. Ident. by illuminating flares, red and green T.I.'s and M.C. Bombed centre of red and greens as per M.C. One good concentration of red and green markers with green T.I.'s scattered to stbd. 3 big fires starting as a/c ran off after 5 momentary explosions, red bright flames and black smoke. Route and tactics good. Bombing run S and L. Camera light did not operate.	A.359
21st March	LANCASTER X KB 878	J85304 FC NICHOLS, HA	Pilot	0154	0710	Target HEIDE with bombload same as "A". Primary at 0431.6 hrs from 8,200 ft. 066 Degs. 189 T IAS. Clear - vis good. Ident. by Green and red T.I.'s and bombed centre of concentration of same. Red and green T.I. well concentrated. Fires with much black smoke broke out. A big flaming explosion at 0432 hrs following flame and voluminous smoke. Good attack. Route and tactics good but difficult to use Gee effectively at low altitude. A/C S and L throughout bombing run and effective attack.	A.358
21st March	LANCASTER X KB 748	J87308 FC CHAMBERS, HE	Pilot	0131	0716	Target HEIDE WITH BOMBLOAD same as "A". Primary at 0433 hrs. from 10,000 ft. 070 Degs. 185T IAS. Clear, slight haze. Ident. by red and green T.I.'s, some buildings seen in flashes. Bombed N tip of red and green T.I.'s as per M.B. The markers were on time, the first lot were scattered to NE of A/P at HEIDE. Bombing well concentrated around markers. Large explosions at 0432 hrs which followed up 1 x 250 GP hung up and just below safe at 24.35 N. 0050E. 0635' from 2,000 ft. Route and tactics the M.B. checked the stray marking at the beginning of the attack and the remainder bombed on the markers over the A/P. A/C S and L during the entire bombing run.	A.360
21st March	LANCASTER X KB 786	J27360 FC MILLAR, HW	Pilot	0151		Target HEIDE with 1 x 4000 lb HC NI T.I.'s, 6 x 500 lb USA GP ANM.64, 4 x 500 lb MC TD.025. 6 x 250 lb GP TI, 0 x 8 WG 4A Nichols. This aircraft failed to return on the operation. The names of the missing crew members are as follows: (Omd'd)	A.361

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

By NO. 419 (R.C.A.F.) SQUADRON.

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11223-2511 Wt. 2072-4156 728 10164 T.S. 700

FOR THE MONTH OF M A R C H 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
(Cont'd) 21st March	LANCASTER X KB 786 P	J27560 FO MILLAR, RW	Pilot	0151	-	(P) J27560 P/O Miller, R.W. with 35 sorties, 123 pts. & 207.25 op. hrs. (W) J27560 P/O Miller, R.W. this was his first op. sortie of second tour. (A/B) J27560 P/O A.W. Palanek with 17 sorties 63 pts. 104.00 hrs. (W/O) J27560 P/O Elliott, J.D. O.A. with 18 sorties, 70 pts. 122.50 hrs. (W/O) J27560 Sgt. Booth, S.D. with 17 sorties, 66 pts. 116.05 hrs. (W/O) J27560 P/O Miller, R.W. with 23 sorties, 93 pts. 137.15 hrs. (R/AC) J27560 P/O L.G. Groucher with 7 sorties, 28 pts. and 47.35 op. hrs.	A.361
21st March	LANCASTER X KB 772 R	J37558 FO BOWEN, DS	Pilot	0130	0708	Target HEIDE with 1 x 4000 lb HC NI Tris, 8 x 500 lb USA ANM64 TD-025, 2 x 500 lb MC TD-025, 6 x 250 lb GP TI. Primary at 0430 hrs from 9,000 ft. 340 degs. 155 IAS. Clear. Ident. by green TI's red and green TI's, M.C. and H2E. Bombed centre of concentration of red and green TI's as per M.C. Large explosion at 0430 hrs. black smoke and flame. A large red explosion lit up whole sky. Route and tactics satisfactory. Bombing run S and L. Camera short circuited on bombing run.	A.362
21st March	LANCASTER X KB 746 S	J38059 FO LAMBROUGHTON, DBR	Pilot	0135	0712	Target HEIDE with 1 x 4000 lb HC NI Tris, 8 x 500 lb USA GP ANM-64 TD-025, 2 x 500 lb MC TD-025, 6 x 250 lb GP TI. Primary at 0430.5 hrs. from 9,200 ft. 055T Degs. 187 T IAS. Clear. vis good. Mixed red and green TI's and M.B. Bombed centre of red and green TI's with built up area visible between markers. TI's sufficient in quantity but well concentrated. Several explosions and much smoke and flame were observed. Bombs seemed to find target. Heavy black smoke arose from target. Tactics and route good. Camera on and run fairly steady.	A.363
21st March	LANCASTER X KB 854 T	R183895 FS CUSHMAN, IR	Pilot	0125	0720	Target HEIDE with bombload same as "A". Primary at 0434.8 hrs. from 8,800 ft. 095 Degs. 197T IAS. Clear, vis good. Ident. by illuminating flares, red and green TI, H2E on way in. Bombed concentration of smoke and fire from a large explosion. M.B. heard clearly. Attack looked successful. One large explosion 0434. heavy black smoke. Good fires. 1 x 500 USA GP ANM-64 TD-025 jett. safe owing to hang up at 5432N, 0430E, 0549 hrs. 1400. Winds much higher than briefed. Attack looked successful. Route and tactics good. Smoke rose to around 7,000 ft. A/C in port bank diving during camera turnover due to a/c above.	A.364
21st March	LANCASTER X KB 823 U	J92767 FO MACNEIL, JC	Pilot	0133	0733	Target HEIDE with 1 x 400 lb HC NI Min. 8 x 500 lb USA GP ANM-64 TD-025. 2 x 500 lb MC TD-025. 6 x 250 lb GP TI. 0 x 8 WS 44. Nichols. Primary at 0433.4 hrs. from 8,500 ft. 035T Degs. 165 IAS. No cloud, some smoke haze, vis good. Ident. flares and red TI's. Bombed green and red TI's (Northern edge). 0431.5 four large explosions. Red in colour, scattered fire around black smoke. Camera run. Started S and L, banked to port then turned stbd. after 3rd light.	A.365

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*DAH/sz*

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
21st March	LANCASTER X KB 851	G1579 WC FERGUSON, ME	Pilot	0134	0738	Target HEIDE with bombload same as "A". Primary at 0631.6 hrs. from 8,200 ft. 055 Degs. 167 IAS. Clear but slight haze and smoke. Ident. by red and green T.I.'s, smoke and M.C. Bombed centre of mixed green and red T.I.'s as per M.C. Just on run in explosion just to stbd of our concentration of T.I.'s. No fires seen burning. Route and tactics satisfactory. Bombing and photo run S and L. Camera operated.	A.366
21st March	LANCASTER X KB 732 X	J9757 FL ARMSTRONG, WR	Pilot	0147	0745	Target HEIDE with bombload same as "A". Primary at 0631.6 hrs from 8,000 ft. 065 Degs. 187 IAS. No cloud. Vis good. Ident. by mixed red and green T.I.'s and M.B. instructions. Bombed centre of red and green T.I.'s on M.B. instructions. Red and green concentrated on A/F. Some bombing scattered greens to stbd. & explosions just before run in. 1 x 250 GP RT hang up left. OALOE on track 0605 hrs. 1,100 ft. safe. Exceedingly good tactics and route. Camera on and bombing run S and L.	A.367
22nd March	LANCASTER X KB 841 A	J38836 FO HOBBER, JH	Pilot	1055	1707	Target HILLESHEIM with 1 x 2000 lb HO NL, 1755 x 4 lb known 195 x 4 lb "K" type, 0 x 2 750 lb "K" type. Primary at 1407.3 hrs. from 14,200 ft. 116 T Degs. 200 T IAS. Clear - good vis. Ident. by M.B. instructions and Gee fix close to target. Bombed centre of smoke on M.B. instructions. No marking visible owing to smoke. Town enveloped in smoke with orange flame showing through. Smoke rose to 10,000 ft. Tactics good, route good. Bombing S and L. Attack very successful.	A.368
22nd March	LANCASTER X KB 881 C	J27558 FO SMITH, GR	Pilot	1100	1655	Target HILLESHEIM with bombload same as "A". Less sticks. Primary at 1406 hrs from 14,500 ft. 112 T Degs. 160 IAS. Clear - good vis. Ident. by pinpoints, forest, fly, built up area. Bombed "Pilschick" on instructions of M.B. M.B. excellent. Area covered with smoke - one load dropped short of target otherwise bombing excellent. Route and tactics S.L. Attack well concentrated. A/C S and L during bombing run.	A.369
22nd March	LANCASTER X KB 839 D	J4211A FO MANNIN, MP	Pilot	1107	1708	Target HILLESHEIM with bombload same as "A". Primary at 1407 hrs from 14,800 ft. 105 Degs. 225 IAS. Clear but smoky. Ident. by green T.I.'s, smoke, M.C. and map read HIGH INTO F.A. Bombed centre of green T.I.'s as per M.C. Plenty of smoke which could be seen a good 100 miles as A/C ran off. Fires burning really well. Route and tactics satisfactory. Bombing run S and L but turned stbd. 5 to 10 degs. bank to avoid A/C just after bombs gone.	A.370
22nd March	LANCASTER X KB 865 E	J41159 FO SMITH, JW	Pilot	1102	1715	Target HILLESHEIM with bombload same as "A". Primary at 1406.3 hrs from 14,000 ft. 110T Degs. 160 IAS. Clear - vis good. Ident. by pin point, smoke from town and M.B. Bombed to right of centre of smoke on M.B. instructions. Flares lost in smoke. Whole town burning and enveloped in smoke. Smoke base to 12,000 ft. Very successful attack. Tactics good except climb to bombing heights. Bombing run S and L.	A.371

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# OPERATIONS RECORD BOOK

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FOR THE MONTH OF MARCH 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
22nd March	LANCASTER X KB 733 G	J10761, PL COLLARD HW	Pilot	1103	1717	Target HILDESHEIM with bombload same as "A". Primary at 1406 hrs from 14,500 ft. 110 Deg E. 160 IAS. Clear - vis very good. Ident. by green TI's and map reading. Bombed centre of smoke as per M/B. Smoke covered whole built up area except a few buildings on the outskirts. A/C S and L but slight veer to port to avoid bomb when camera operated. Route and tactics good but gaggle was too far down out because leader going too fast as a/c had to come out of target at 190 to keep up. Just as a/c were about to bomb I saw P C Y flew over us at at least 190 MPH and 100 ft above and dropped his bombs causing a/c to take evasive action or be hit.	A.372
22nd March	LANCASTER X KB 761 H	J35681, FO BRILLACK GP	Pilot	1104	1713	Target HILDESHEIM with bombload same as "A". Primary at 1407.3 hrs from 14,800 ft. 110 Degs. 212 IAS. Clear - vis very good. Ident. by map read by woods, railway, and outskirts of T/A. M/B instructed to bomb "Picnic" then centre of smoke. M/B excellent and pleased with attack. Bombing well concentrated. Most of town covered with smoke rising to 5,000 ft. R/S u/s. Route and tactics good. Gaggle strung out on way to target. A/C S and L. Camera did not operate.	A.373
22nd March	LANCASTER X KB 876 I	J85304, FO BLOOMER BA	Pilot	1053	1657	Target HILDESHEIM with bombload same as "A". Primary at 1405.1 hrs from 14,400 ft. 103 Degs. 200 IAS. Clear but smoky. Ident. by red and green TI's in smoke, M/G, H2B, usual map reading. Bombed centre of green TI's in smoke as per M/G. Smoke billowing up to a height of 10,000 ft. Visible 165 miles away. Bomb bursts right in smoke and markers. No stray FFV. Stbd. elevator ripped but plane unknown. No difficulty handling aircraft. Route and tactics fair but a lot of H/F short of HEN and in minutes short of T/A. Pt. S to close to the H/F M. The H/F on the stbd could have been closer to HANNOVER and safer. Bombing and photo run S and L.	A.374
22nd March	LANCASTER X KB 684 K	J92191, FO RICKET DE	Pilot	1106	1725	Target HILDESHEIM with bombload same as "A". Primary at 1412 hrs from 14,200 ft. 240 Degs. 226 IAS. Clear - vis good. Bombload hung up over target - cause unknown. Computer box u/s. Bombed town of Wesseln - hit it and left it burning. Route and tactics good.	A.375
22nd March	LANCASTER X KB 866 M	J7007, PL WATTS JW	Pilot	1052	1709	Target HILDESHEIM with same bombload as "A". Primary at 1409.5 hrs from 14,800 ft. 109 Deg. 195 IAS. No cloud vis good. Ident. visually and smoke column. Bombed centre of smoke pall. Bombing well concentrated. Saw four fires on outskirts - rest of town covered by smoke billowing up to approx 5,000 ft. Camera run roughed up by alighters. Gaggle was very poor. Leader maintained too high a speed to keep up some times.	A.376

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JCH/SL

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES	
				Up	Down			
22nd March	LANCASTER I KB 854	MLB3895 FS	OSBERMAN, DR	Pilot	1050	1658	Target HILDESHEIM with bombload same as "A". Primary at 1405.6 hrs. from 14,200 ft. 110 degs T 165 IAS. No cloud - vis good. Ident. visual and green TI's ascending. Bombed centre of smoke fall. TI's and bombing very well concentrated. Target covered completely by smoke - this reached to 10,000ft. could be seen 125 miles away on homeward route. Camera run S and L.	A.377
22nd March	LANCASTER I KB 823 U	#57559 FO	BOWEN, DS	Pilot	1049	1659	Target HILDESHEIM with 1 x 2000 HB NI, 1755 x 416 Inc. 195 x 416 INC 'X' Type. Primary at 1410 hrs. from 14,500 ft. 097 Degs. 215 IAS. Clear. Ident. visually by railway, smoke of fires. M.B. heard. Bombed centre of smoke on M.B. instructions (undershoot 200 yds.). Whole target area blanketed in smoke. No TI's visible. M.B. heard instructing to bomb green TI's. at first, later M.B. directed bombing into HILDESHEIM smoke. Smoke mushroomed up to 10,000ft. Bombing well concentrated. M. B. good. Good attack. Route and tactics very good. Skipped up gaggle formation an improvement. Kites more evenly spaced in gaggle. Don't have to worry so much about falling bombs. S & L throughout bombing run. Very good attack. Pilot suggests flexible hour with gaggle formation flying.	A.378
22nd March	LANCASTER I KB 732 V	J9757 FL	ARMSTRONG, WR	Pilot	1105	1657	Target HILDESHEIM with bombload same as "A". Primary at 1410 hrs from 14,800 ft. 105 T Degs. 155 IAS. Clear - good visibility horizontal and vertical. Ident. Map read to target and M.B. instructions. Bombed centre of smoke on M.B. instructions. Marking obscured in smoke. Whole of town enveloped in smoke except S.E. end. Consider gaggle to spread out for defence to produce concentrated fire against fighters. Very good route. Very successful attack. Camera on and bombing run S and L.	A.379
22nd March	LANCASTER I KB 851 V	G1579 WC	FERGUSON, ME	Pilot	1043	1722	Target HILDESHEIM with 1 x 2000 HB NI, 1755 x 416 Inc. 195 x 416 Inc 'X' type. Clear - heavy smoke horizontal - vis excellent vertical. vis excellent. Ident. M.B. instructions pin-point to target. bomb bursts and incendiaries. Bombed centre of smoke on M.B. instructions. TI's lost in smoke. Town completely enveloped in smoke. Bomb bursts observed. Tactics considered poor for old A/G as A/G cannot make up time with adverse wind shifts. Should have been time in hand at G Charlie and D Dot two minutes at G and one minute at D on adjustable F hour. Attack very successful. Camera light on. Bombing run S and L.	A.380
22nd March	LANCASTER I KB 732 X	J87308 FO	CHAMBERS, HE	Pilot	1056	1726	Target HILDESHEIM with bombload same as "A". Primary at 1406.6 hrs from 14,500 ft. 115 Degs. 158 IAS. CLEAR - vis excellent. Ident. forest, railroad, some built up area. Bombed centre of smoke as per M.B. 7/4 covered with smoke - bomb explosions seen on way to target - very good attack. 1225 blitzer hit by flak. SLOCH, 0700E - 1452, 14500ft. Route and tactics O.K. Gaggle loose - very good attack and well concentrated. A/C S and L during entire run.	A.381

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# OPERATIONS RECORD BOOK

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By NO. 419 (R.C.A.F.) SQUADRON

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75321-2211 Wt. 2722-2126 728 1044 T.S. 788

FOR THE MONTH OF M.A.R.C.H. 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
24th March	LANCASTER I KB 841 A	J35681 FO HETFAJACK, GP	Pilot	1233	1903	Target MATHIAS STINNES with 6 x 1000 MG BR TI, 6 x 1000 MG BR TI, 1 x 500 USA GP ANM59, 2 x 1000 USA GP ANM55, TD-025 1 x 500 USA GP ANM64, 1 x 8 W-44 Nickels. Primary at 1647.2 hrs from 16,200 ft. 090 Degs. 205 IAS. Clear with haze. Ident. by map read, by roads and the river. Gee check, Red TI. Bombed centre of red TI. M.C. heard. No instructions to main force when we bombed. One large explosion at 1647.5 hrs. Lots of black oily smoke with flames rising through the smoke. Bomb which fell while we there were accurate but not a large concentration. 5 x 1000 1st MG BR TI - 1st MG BR TI - 5225N 0315E - jett. area - 1750 hrs. 12,000ft. Small flask hole through diving tank. Hole in West wing. South of BSN 1651 hrs. 10,000ft. One a/c in target area with transmitter on. Successful attack. TI good. Airspeed for 16,000 heights. 5 miles too slow in comparison with 18,000 heights. A/C S and L. Light went on.	A.382
24th March	LANCASTER I KB 881 C	J27558 FO SMITH, GL	Pilot	1234	1856	Target MATHIAS STINNES with 6 x 1000 MG BR TI, 6 x 1000 MG BR TI, 1 x 500 USA GP ANM54, TD-025, 1 x 8 W-44 Nickels. Primary at 1646.8 hrs from 16,500 ft. 090 degs. 205 IAS. Clear with slight haze. Ident. by map read from 6 E to T.A. Red TI's. Gee M.C. Bombed far edge of red TI's as per M.C. Large oil explosion at 1648.5 hrs. to run in. Appeared to be right in centre of TI's. A great deal of flame with smoke on top. TI's seen on what appeared to be the oil refinery buildings. No stray bombing. 2 x 1000 MG BR TI jett. area. 5225N 0315E, 1748 hrs 8000ft. Route and tactics satisfactory. A/C S and L. on release 40 to 50 degrees port bank when camera operated. to avoid falling bombs. Pilot feels a/c did not keep to bombing heights.	A.383
24th March	LANCASTER I KB 839 D	J24764 FL TULAK, PH	Pilot	1229	1901	Target MATHIAS STINNES with 6 x 1000 MG BR TI, 6 x 1000 MG BR TI, 1 x 500 USA GP ANM64, TD-025, 1 x 8 W-44 Nickels. Primary at 1647.1 hrs from 16,800 ft. 083 Degs. 200 IAS. Clear but slight haze. Ident. by map read into T/A, red TI's. Gee M.C. Bombed 200 yds north of red TI's as per M.C. Only two groups red TI's very close together and surrounded by smoke and bomb bursts. Large explosion at 1648.5 hrs. Mushroom of dark red and smoke. Starboard fin holed by M.P. predicted in T/A 1648 hrs 16,800 ft 155 IAS. Route and tactics satisfactory. Bombing and photographic run S and L. Gaggle good.	A.384
24th March	LANCASTER I KB 865 B	J9173 FL GAMB, HEM	Pilot	1235	1859	Target MATHIAS STINNES with 7 x 1000 MG BR TI, 5 x 1000 MG BR TI, 1 x 500 USA GP ANM64, TD-025 1 x 8 W-44 Nickels. Primary at 1647.9 hrs from 17,150 ft. 090 Degs. 155 IAS. No cloud - good hor. vis - good vertical vis. Ident. Red TI's pin point. Gee Fix. Bombed to port of red TI's 90 to 100 yds. No instructions from M.C. Red TI's - one group only obscured by haze sheet of flames. Explosions seen going in and coming out. One large fire concentrated in one spot. 2 x 1000 lb MG BR TI jett. area. 5210E 0310E 1745 hrs. 13,000ft. Attack successful. Tactics good. Gaggle stayed close. Route good. Camera light on. A/C was banked to starboard on camera run. Bombing was carried out short of the target by other a/c.	A.385

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
24th March	LANCASTER X KB 878 T	792191 FO RICKRE, DE	Pilot	1232	1910	Target MATHIAS STINNES with 6 x 1000 MG BR TI, 4 x 1000 MG BR TD-025, 2 x 1000 USA GP ARM-65 TD-025, 1 x 500 USA GP ARM-64 TD-025. Primary at 1646.8 hrs from 17,500 ft. 070 Degs. 227 IAS. Clear but slight haze. Ident. by map read into R.A. Red and Green TI's. M.C. Obs. Bombed overshoot on TI's about 1/2 mile. M.C. gave instructions before A/G bombs go. Bombs hit the ground just at 1646. A/C let bombs go immediately after. Too early in attack to judge results. 1 x 1000 MG BR TD-025 jett. 523AN. 0257E, 1757 hrs. 10,000ft. Route and tactics satisfactory. Bombing run and photographic run S and L.	A.386
24th March	LANCASTER X KB 866 M	742144 FO MARTIN, MF	Pilot	1241	1851	Target MATHIAS STINNES with 6 x 1000 MG BR TI, 1 x 1000 USA GP ARM-59 TD-025, 5 x 1000 MG BR TD-025, 1 x 500 Y USA GP ARM-64 TD-025. Primary at 1648 hrs from 17,700 ft. 090T Degs. 218 IAS. Clear - vis 6-8 miles. Ident. by map read to T.A. by railway and red TI's. M.C. not heard. No interference heard. Bombed centre of red TI's. Computer was found I/A and bombs thought to underbomb. Bombing seemed to be well concentrated. Large columns of smoke seen rising. TI's very well concentrated. Seemed to be a good effort. Route and tactics good. Gaggle very good. A/C S and L. Camera operated. Successful attack.	A.387
24th March	LANCASTER X KB 861 Q	0670 SL MCMURRIS, GE	Pilot	1257	1915	Target MATHIAS STINNES with 7 x 1000 MG BR TI, 5 x 1000 USA GP ARM-59 TD-025, 1 x 500 GP BR TD-025, 1 x 8 25-97 Rickels. Primary at 1647 hrs from 18300 ft. 065T Degs. 219 IAS. Clear - vis good. Ident. by map read by comal, red and green TI's and large billows of smoke. Bombed red and green TI's well concentrated and black billows of smoke. TI's seemed well concentrated. Bombing seemed to be quite accurate. Large explosion were seen on leaving target. Good effort, 1 x 1000 MG BR TI with computer 5108H, 0655E-1659 hrs. 18,000ft. safe. Small flak hole in bomb bay. Route and tactics good. Gaggle seemed to be very good. Attack very good. A/T S and L and camera operated.	A.388
24th March	LANCASTER X KB 854 T	76214 SL HUNTER, DB	Pilot	1225	1915	Target MATHIAS STINNES with 7 x 1000 MG BR TI, 4 x 1000 USA GP ARM-59 TD-025, 1 - 80 L. 1 x 8 25-97 Rickels. Primary at 1646.5 hrs from 18,100 ft. 068 Degs. 207 IAS. Clear. Ident. by map read from Rhine. Bombed on what looked like the oil refinery. Saw TI's red about 35 to 40 sec further on. No instructions received from M.C. before bombing. other than "let us have it". A/G saw no puff so bombed visually what was thought the target. As we crossed over, there a large explosion. Dark orange flame, dark black smoke. 2 x 1000 MG TI jett. safe. 5227N, 0305 E 1746 hrs. 8000ft. Hole in fuselage by starboard wing. Four holes in starboard wing also port wing and bomb bay. Route and tactics satisfactory. Bombing run and photographic run S and L. A stick jettisoned at 514G, 0520E with convays in evidence. Successful.	A.389
24th March							

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

By **NO. 439 (R. C. A. F.) SQUADRON**

**SECRET**

PAGE No. **38**

15193-3111 Wt. 4874-2125 724 1014 T.S. 790

FOR THE MONTH OF **MARCH** 19**44**

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
24th March	LANCASTER I KB 752 V	J9757 FL ARMSTRONG, WR	Pilot	1226	1855	Target MATHIAS STONES with 7 x 1000 MC BR TI, 4 x 1000 MC BR TD-025, 1 x SCL, 1 x 8 2237 Nichols. Primary at 1646.5 hrs. from 16,000ft. 090 degs. 155 IAS. Ident. by cluster of red TIs in M.E. - comms. Bombed red TIs cascading at 1646. TI were well concentrated. One big explosion seen at 1647. Red flash times: thick black smoke. TIs were 5 minutes late. 1 x 1000 MC BR TI dett. live. 5115-0628 at 1656.5 hrs. 16,000ft. Route and tactics good. Camera run S and L.	A.390
24th March	LANCASTER X KB 851 V	J7007 SL WATTS, JW	Pilot	1227	1854	Target MATHIAS STONES with 7 x 1000 MC BR TI, 4 x 1000 MC BR TD-025, 1 SCL, 1 x 8 2237 Nichols. Primary at 1646.7 hrs. from 16,000ft. 090 degs. 155 IAS. No cloud on ground. Horizontal vis good. Vertical vis very good. Ident. red and green TIs. M.E. instruction pin point. One 4800ft. Bombed red and green TIs. No aiming instructions from M.E. Only one group of red and green TIs seen. One large orange flash and quantities of black smoke. Gaggles good. Tactics good. Route good. Attack seemed successful.	A.391
24th March	LANCASTER X KB 732 X	J87308 FO CHAMBERS, RE	Pilot	1231	1912	Target MATHIAS STONES with 7 x 1000 MC BR TI, 15 x 1000 MC BR, 1 x 500 USA GP ANM54, TD-025, 1 x 8 2237 Nichols. Primary at 1648.0 hrs. from 16,200 ft. 060 degs. 150 IAS. No cloud horizontal and vertical vis good. Ident. by red TIs and gags read to target. M.E. instruction Gee Fix. Bombed furthest tip of red TIs on M.E. instructions. Small concentration of red TIs well grouped. One orange explosion. Heavy black smoke fall over target. One x 1000 MC BR dett. 52343-02258-1801 hrs. 6,000ft. (live) Two flak holes reported. Attack considered only fair. Marking was late. M.E. instructions poor. Gaggles better. Tactics good. Light on for camera run. Camera run 12541.	A.392
25th March	LANCASTER X KB 823 U	0870 SL MCMURRIE, GE	Pilot	0545	1244	Target HANOVER with 1 x 4000 MC NI Trinamol, 108 No.17 AN Clusters, 138 Russ 18 secs. Delay, 4 x No.14 BR clusters. 0.5/10 caps. Primary at 0943.7 hrs. from 17,500 ft. 050 degs. 230 IAS. Clear but smoky. Horizontal vis good. Ident. by map read into T&R. Glass and rubber factories seen HES HC. Bombed red TIs overcast by 1/4 seen as per H.C. No wild bombing. Looked good attack. Smoke already spreading fast. WFF on time but would probably be obscured shortly by smoke. Route and tactics fair but point '1' had an intense concentration of H.E. Bombing run and camera run S and L.	A.393
25th March	LANCASTER X KB 839 D	J35781 FO HETALLACK, GP	Pilot	0628	1224	Target HANOVER with bombload same as 'U'. Primary at 0945 hrs from 17,800 ft. 024 degs. 212 IAS. CLEAR - Vis good. Ident. by railway and woods, built by area. red TIs. Bombed centre of red TIs. M.E. gave various instructions. spreading the bombing around A.P. The attack was just starting as a/c bombed but as a/c came out the entire area was covered with smoke which rose to about 16,000ft. The markers were well placed and the attack was very good. A/C could also see the attack on HANOVER. More cloud than HANOVER. Route and tactics O.K. Attack was very good. A/C S and L during entire bombing run.	A.394

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
25th March	LANCASTER I KB 752 V	J9757 FL ARMSTRONG, WR	Pilot	0600	1310	Target HANOVER with 1 x 4000 HC NI Minol, 1GM No.17 ARM Clusters, 138 fuse 18 secs delay. 4 x No.14 BR clusters. No. 42 fuse 06/10 CAPS. Primary at 0947 hrs. From 16,000ft. 027 degs. 180 IAS. Clear vis very good. Ident. by smoke A.P. was pin pointed, no TI's were seen. Checked by H2S. Bombed No TI's seen. Overshot marshalling yard by 200 yds. Also large billows of smoke. Markers covered by smoke. Bombing seemed very well concentrated and accurate. Cookies seen exploding. 1 x No. 14 BR clusters, 42 fuse C 6/10CAPS dropped safe. 522N, 0320E, 1140hrs 8000ft. Fort outer U/E. Feather in way into T.A. Route and tactics good. Gaggles very good. Bombing well concentrated. Appeared to be good effort. M.B. very good. A/C in nose-up attitude when bombs dropped.	A.395
25th March	LANCASTER I KB 721 B	J41199 FO SMITH, WU	Pilot	0610	1242	Target HANOVER with bombload same as 'U' Primary at 0947 hrs from 17,000ft. 030 degs. 220 IAS. Clear - vis very good. Ident. by red TI's over A.P. and built up area of tar- get checked with H2S. Bombed overshoot red TI's by one second TI's well concentrated. Had marshalling yards and billow of smoke. Red TI's small in quantity but accurate. Target was well covered with smoke up to 4000ft. Bombing well concentrated. Large explosion seen on leaving target. M.B. very good. Route and tactics good. Gaggles very good. Bombing very well concentrated. Target seemed to be well bombed. A/C S and L Camera operated.	A.396
25th March	LANCASTER I KB 881 C	J27558 FO SMITH GL	Pilot	0618	1222	Target HANOVER with bombload same as 'U'. Primary at 0947 hrs from 17,500 ft. 025 degs. 210 IAS. Clear but slight haze. Ident. by map read into T.A. Red TI's. M.C. Bombed centre of red TI's as per M.C. Red TI's just on N.W. corner of M/Y. Bombing was close to markers. Too early to judge results. As a/c turned off T.A. several successive large explosions. Fort inner holes by H/Y. T.A. 0946 hrs 17,500ft. Route and tactics satisfactory. Bombing run and photographic run S and L. Gaggles good.	A.397
25th March	LANCASTER I KB 865 E	J9173 FL CAVE, HEM	Pilot	0554	1221	Target HANOVER with bombload same as 'U'. Primary at 0945.2 hrs from 17,200 ft. 027 degs. 204 IAS. Clear hbr. vis good. Ident. by ground detail and red TI's. Bombed centre of red TI's with one second overshoot as per M.C. Tremendous mushroom of smoke from explosion just W. of A.P. with orange /red flame. Smoke covered the whole area and underbusting seemed evident. M.B. said no to overshoot. Not as briefed. A/C S and L. All camera operated and light went on. Route and tactics good but gaggles faster too fast on home ward. a/c did 190 and couldn't catch him at that speed.	A.398
25th March	LANCASTER I KB 783 F	J38836 FO BURNER, JM	Pilot	0617	1234	Target HANOVER with bombload same as 'U'. Primary at 0946.7 hrs from 17,600 ft. 025 degs. 206 IAS. Clear but smoky. Ident. by map read into T.A. woods to S. seen H2S. M.C. Bombed starboard edge and 1 sec. overshoot of smoke as per M.C. NO MARKERS SEEN IN SMOKE. Early bombing undershooting but M.C. control- ling attack well onto A.P. on run off smoke seen rising to 8/10,000ft. Route and tactics fair. Cloud conditions higher than briefed. Gaggles good. S and L for bombing and photographic run.	A.399

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

By NO. 119 (R.C.A.F.) SQUADRON

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PAGE No. 39

13893-22211 Wk. 4728-4155 728 10144 T.S. 790

FOR THE MONTH OF M.A.R.C.H. 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
25th March	LANCASTER X KB 753 G	J10761 M. COLLARD, HW	Pilot	0555	1220	Target HANOVER with bombload same as 'U'. Primary at 0944 hrs from 17,500 ft. 029 degs T. 170 IAS. Clear - vis excellent. Ident: woods railroad "W" and built up area. Bombed emergency sighting. Angle M.B. said bomb Red T's. M.B. very clear and co-operative. Lots of smoke and some quite large explosions in the T.A. smoke rising to 7,000ft. Seemed a very good attack. 2 x No.17 clusters hung up and jett. (live) 5152N, 0853E, 1006 hrs, 17,500 ft. Repeaters G/S. Route and tactics O.K. Gaggles came off the target too fast. Attack was excellent. Town should be written off. A/C S and L during bombing run.	A.400
25th March	LANCASTER X KB 878 I	J95304 PO NICHOLS, BA	Pilot	0616	1213	Target HANOVER with bombload same as 'U'. Primary at 0944 hrs from 17,800 ft. 025 degs. 160 IAS. Clear - vis fair. Ident. by railroad, smoke, red T's on ground. Bombed red T's and smoke. M.B. not heard clearly. There was plenty of smoke in the T.A. Cookies were concentrated around the centre of smoke - smoke rising up to 10,000ft. Cloud continued over to France then faded out short of the Rhine. Route and tactics O.K. Gaggles very good. Attack seemed very successful. A/C S and L during entire run.	A.401
25th March	LANCASTER X KB 884 K	J24764 M. TULK, PI	Pilot	0613	1231	Target HANOVER with bombload same as 'U'. Primary at 0944 hrs from 17,800 ft. 025 degs. T. 205 IAS. Clear - vis heavy. Ident. by railroads - square in centre of town. Bombed built up area to port of square. M.B. not heard at all. The attack was well concentrated and they really laid it out. Smoke covered the area and was rising to about 4000ft. Route and O.K. gaggles leader was only fair. He turned too short of target. Out but T J. The attack was excellent - A/C S and L during entire bombing run.	A.402
25th March	LANCASTER X KB 866 M	J42244 PO MARTIN, KF	Pilot	0604	1217	Target HANOVER with 1 x 400 HD NI Minol, 10 x No.17 ANM Clusters, 138 fuzes, 18 secs. delay. 4 x No.14 RR clusters No. 42 fuzes, 05/10 CAP. Primary at 0943,8 hrs from 17,200 ft. 030 degs. 222 IAS. No cloud vertical vis. good. horizontal vis. fair. Ident. by visual and red T's. Bombed centre of red T's. One small compact group of red T's cascaded at 0942,8 hrs. Bombing well concentrated. Some fires and lots of smoke. Camera run S and L. No lights showing so pushed button on type 35. Tactics were good. Route O.K.	A.403
25th March	LANCASTER X KB 748 O	J87308 PO CHAMBERS, RE	Pilot	0553	1232	Target HANOVER with bombload same as 'U'. Primary at 0945.6 hrs. from 17,200 ft. 030 degs. 204 IAS. No cloud. Vert. vis good. Horizontal fair. Ident by visual and red T's. Bombed centre of red T's. One small clump of T's on railway next aiming pt. Cascaded at 0943 hrs. Some smoke when bombed. Camera run S and L. Lights worked. Gaggles was good except on climb. Tactics good. - iced up on climb. Route good. Engaged by predicted seen H/F on SE edge of SIEDHUSES WERR.	A.404

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
25th March	LANCASTER X KB 746 S	J37959 PO BOWEN, DE	Pilot	0603	1219	Target HANOVER with bombload same as M. Primary at 0944.3 hrs from 17,800 ft. 025T Degs. 212 IAS. No cloud. Via excellent. Ident. visually. Some smoke sighted 200 yds short of marshalling yards. Incendiaries aimed at M/Y. Bombing well concentrated. Good amount of smoke beginning. Broken parapet above pilots head in T.A. Camera run S and L. Red light stayed on all time. Tactics necessitated flying in cloud from base to 06100 ft causing icing. Between J and K. Flak was heavy. Gaggie was good.	A.405
25th March	LANCASTER X KB 851 W	J01579 WO FERGUSON, MA	Pilot	0615	1236	Target HANOVER with bombload same as M. Primary at 0943.7 hrs from 17,400 ft. 030 Degs. 226 IAS. Clear Horiz. vis good. Ident. by map read into T.A. Railways identified. Red T.I.s, smoke. Bombed overhot red T.I.s by 1 sec. a/c flight disp. M.C. not heard until after bombing. T.I.s well placed, attack concentrated. Good amount of smoke. Bomb bursts close to T.I.s. Route and tactics satisfactory. Being allowed to cut camera helped and should be encouraged. Gaggie good. Every one made the effort. Bombing run and photographic run fairly straight with some slight slipstream interference. A/c shot red very in T.A. No fighter answer.	A.406
31st March	LANCASTER X KB 721 B	J41159 PO SMITH, JW	Pilot	0612	1225	Target HAMBURG with 6 x 1000 lb USA SAP AM59 TD.025 9 x 500 lb USA GP AM.64 TD.025, 1 x 500 lb MG TD.025, 2 x 250 lb GP TI, 3 x 4 EG 152 Nickels. Primary at 0905 hrs from 19,000 ft. 031 Degs. 208 IAS. 10/10th cloud up to 10,000 ft. Ident. by smoke puffs, M.C. and H23. Bombed one red smoke puff as per M.C. Only one puff left as a/c bombed. M.C. had packed up 5 min. before. No results. Route and tactics satisfactory. Bombing good, camera operated.	A.407
31st March	LANCASTER X KB 899 D	J92191 PO RICKERT, DE	Pilot	0623	1200	Target HAMBURG with 2 x 1000 lb USA GP AM.65 TD.025 4 x 1000 lb USA SAP AM59 TD.025, 5 x 500 lb USA GP AM.64 TD.025, 5 x 500 lb MG TD.025, 2 x 250 lb GP TI, 1 x 4 EG 152 Nickels. Primary at 0905 hrs from 18,900 ft. 030 T Degs. 223 IAS. 10/10th cloud. Ident. by some smoke puff red, feeding fast - M.C. heard on run in. Bombed remains of smoke puff red - no bombing instructions from M.C. Marking was inadequate but attack was 10 mins. late. No results observed. 2 x 1000 lb USA SAP AM59 TD.025 jett. safe 5422N, 0707E at 1002 hrs from 14,000 ft. H23 u/s from 05008 onwards. Attack not successful. Gaggie loose going into target. but tight on way out.	A.408
31st March	LANCASTER X KB 865 Z	J35681 PO KEDALLACK, GP	Pilot	0628	1218	Target HAMBURG with 6 x 1000 lb USA SAP AM59 TD.025 9 x 500 lb USA GP AM64 TD.025, 1 x 500 lb MG TD.025, 2 x 250 lb GP TI, 2 x 4 EG 152 Nickels. Primary at 0946 hrs from 18,400 ft. 026 T Degs. 176 IAS. 10/10th cloud tops 9,000 ft. Ident. by red smoke puffs and flak bursts. M.C. heard clearly but as a/c came to T.A. 3 mins. before a/c arrived the M.C. went home saying 'Cherrico'. No estimate possible. 1 x 1000 lb USA SAP AM59 TD.025 - 1 x 250 lb GP TD hung up and jett. safe 5355, 0808 at 0943 from 18,400 ft. 1 x 1000 USA SAP AM59, 5358, 0755 at 0946 hrs from 18,400 ft. safe. (CONT'D)	A.409

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OPERATIONAL RECORD BOOK

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 341

DETAIL OF WORK CARRIED OUT

By **NO. 419 (R.C.A.F.) SQUADRON.**

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PAGE No. **40**

15201-2011 Wt. 1222-4126 726 1014 T.S. 780

FOR THE MONTH OF **MARCH** 19**45**

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
31st March (CONT'D)	LANCASTER X KB 865 E	J35681 FO	RETAILLACK GP Pilot	0628	1218	(CONT'D) Gaggle was mostly S of track S going W Wings shifted and stronger than briefed which made gaggle late. Route OK. Gaggle was about 8/10 mins late. Gaggle leader dog logged which closed the gaggle right up. No estimate of target possible. A/C climbed to avoid another a/c during run.	
31st March	LANCASTER X KB 783 F	J38836 FO	HORNER JM Pilot	0625	1222	Target HAMBURG with 6 x 1000 lb USA GAF AIR 59 TD. 025; 2 x 500 lb GP TD. 025; 3 x 500 lb MG TD. 025; 2 x 250 lb GP TI; 2 x 4 BG 152 Nickels. Primary at 0905 hrs from 19,000 ft. 022 Degs. 21.0 S IAS. 10/10ths cloud top. 8/10,000 ft. Ident. by red smoke puff - H/S check. M/B heard 10 mins. from target then went home. Bombed on red smoke puff. Nothing seen in T/A owing to cloud. Wings heard and stronger than briefed. Made gaggle 8/10 mins. late. Route and tactics OK. A/C S and I during bombing run.	A.410
31st March	LANCASTER X KB761 H	J24761 FL	METIVIER HA Pilot	0629	- -	MISSING. Target HAMBURG with 2 x 1000 lb USA GP AIR 59 TD. 025; 4 x 1000 lb USA GAF AIR 59 TD. 025; 8 x 500 lb USA GP AIR 59 TD. 025; 2 x 500 lb MG TD. 025; 2 x 250 lb GP TI; 1 x 4 BG 152 Nickels. This aircraft has not been heard of since time of take-off. The names of the missing crew members are as follows: (P) J. 24761 P/A H.A. Metivier with 17 sorties, 65 yrs. 131.10 op. hrs. (S) W. 22128 P/O S. H. H. with 10 sorties, 24.0 sorties, 24.0 hrs. (WO) R. 220447 P/B H. H. H. with 10 sorties, 22.0 hrs. (M/A) R. 2252196 P/B S. H. H. with no sorties and (R/A) R. 2203025 P/B H. H. H. with 30 sorties, 116 yrs. and 211.10 op. hrs.	A.411
31st March	LANCASTER X KB 878 I	J10761 FL	COLLARD HW Pilot	0622	1212	Target HAMBURG with 4 x 1000 lb USA GAF AIR 59 TD. 025; 2 x 1000 lb GP TD. 025; 7 x 500 lb GP TD. 025; 3 x 500 lb MG TD. 025; 2 x 250 lb GP TI; 1 x 4 BG 152 Nickels. Primary at 0905 hrs from 18,500 ft. 030 F Degs. 199 F IAS. 10/10ths cloud. Ident. by red smoke puffs - M/B heard 10 mins. before attack. Bombed pink glow of sky markers red. Markers dispersed by time of attack - no results observed. Not very successful attack. Tactics OK. Gaggle to target poor - tight coming out.	A.412
31st March	LANCASTER X KB 884 K	J183895 FS	CUSHMAN DE Pilot	0630	1209	Target HAMBURG with 6 x 1000 lb USA GAF AIR 59 TD. 025; 7 x 500 lb USA GP AIR 59 TD. 025; 3 x 500 lb MG TD. 025; 2 x 250 lb GP TI; 2 x 4 B.G. 152 Nickels. Primary at 0905 hrs from 19,000 ft. 025 Degs. 20.0 IAS. 10/10ths cloud 8/10,000 ft. Ident. by red smoke puffs and M.C. Bombed same as per M/C. Only one smoke puff almost gone when a/c bombed. No results of bombing. Route and tactics satisfactory. Bombing run good. Gaggles operated.	A.413

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12/28/45

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES	
				UP	DOWN			
31st March	LANCASTER X KB 866 M	J87308 FO	CHAMBERS RE	Pilot	0627	1208	Target HAMBURG with 2 x 1000 lb USA GP ANM.65 TD.025; 4 x 1000 lb USA SAP ANM.59 TD.025; 7 x 500 USA GP ANM.64 TD. 025; 3 x 500 MG.BR; 2 x 250 lb GP BR TI. Primary at 0655 hrs from 19,000 ft. 029 Dags. 160 IAS. 10/10 Cu. 10-11,000 ft. Via very good. Ident. by red smoke puffs - M/B clearly heard. Bombed centre of cluster of 3-4 red smoke puffs on M/B in- structions. Smoke puffs and bombing well concentrated. 15 mins. from target white cloud or smoke seen bulging up above level cloud tops. If markers on attack should be good. See faded between 0530-0600. Route good. Halifax gaggle good. A/G S and L. Heard pilot of another A/G discussing with his Navigator, course, navigation, etc over W/E.	A-414
31st March	LANCASTER X KB 857 M	J82144 FO	MARTIN WF	Pilot	0604	1214	Target HAMBURG with 2 x 1000 lb USA GP ANM.65 TD.025; 4 x 1000 lb USA SAP ANM.59 TD.025; 10 x 500 USA GP ANM.64 TD.025; 2 x 250 GP TI; Primary at 0905.5 hrs from 18,700 ft. 029 IAS. 220 IAS. 10/10th cloud tops 12,000 ft. Via good. Ident. by red smoke puffs and M/B. Bombed centre of red smoke puffs as per M/B instructions, left before A/G had got there. Apparently thought all the stream had passed through. Could see nothing - marking was poor. Gaggle about 10 mins. late. Gaggle good going in and exceptionally good coming out. Good concentration of A/G and bombs seen dropping accordingly. 1 x 500 lb USA GP ANM.64 TD.025 hung up and jett. hrs. at 0942 0850 at 0942.5 hrs from 18,700 ft. Route and tactics sat. A/G S and L. Light west on.	A-415
31st March	LANCASTER X KB 748 O	J27870 FL	MANNING WE	Pilot	0609	1222	Target HAMBURG with 6 x 1000 lb USA SAP ANM.59 TD.025; 10 x 500 lb USA GP ANM.64 TD.025; 2 x 250 lb GP TI; 150 IAS. 182 Miles. Primary at 0905.6 hrs from 18,400 ft. 030 Dags. 213 IAS. 10/10 cloud. Vis good. Cloud top 12,000 ft. Ident. by red smoke puffs. Bombed area red smoke puffs - several others were seen on Etd. but appeared to have drifted out of position. Think attack will not be successful. Marking was alright but our gaggle about 10 mins. late. HQ O/S. Gaggle on time to sunny coast but after that became late. Leader wasted time unnecessarily. A/G S and L.	A-416
31st March	LANCASTER X KB 869 Q	J57559 FO	BOWEN DS	Pilot	0601	--	MISSING. Target HAMBURG with bombload same as "Q" less Nicola. Nothing has been heard of this aircraft since time of take-off. The names of the missing crew members are: Op. J57559 P/O D.S. Stone with 18 sorties; 66 pts. and 131.43 op. hrs. (N) E255556 P/S Berry, G.R. (W) E292565 P/S MacLennan, J.D. op. hrs. (N) E281867 Sgt. MacLennan, (W) E281867 P/S Rowlands, R.W. (R/A) E280457 P/S Wilson, W.H. with 16 sorties; 60 pts. and 119.20 op. hrs. (N) J39988 P/O J.J. Gladish with 17 sorties, 64 pts. and 126.05 op. hrs. P20	A-417

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

By No. 439 (R.C.A.F.) Squadron

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FOR THE MONTH OF **M A R C H** 1945

13221-9271 Wt. 2872-2150 754 1064 T.S. 988

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES		
				Up	Down				
31st March	LANCASTER X KD 746 S	0670	SL	MCMURTRIE GS	Pilot	0618	1146	Target HAMBURG with bombload same as "H". Primary at 0905.7 hrs from 18,750 ft. 029T Dega. 235T IAS. 10/10th cloud. Ident. by red sky markers. Bombing on pink haze over target as marking not concentrated - not sufficient. No results observed. Considered poor attack. Tactics poor. Bombing 11 mins. late. N/E not heard. Fighter cover incomplete. All fighter cover on top while enemy attacks were from below.	A.418
31st March	LANCASTER X KD 823 U	092676	FO	MACKREIL JC	Pilot	0559	1158	Target HAMBURG with bombload same as "Q". Primary at 0905.5 hrs from 18,400 ft. 028 Dega. 205 IAS. Ident. by red smoke puffs. H2S and M/B. Bombed on port smoke puffs as per M/B. No results seen due to cloud. 1 x 1000 USA SAP ATCL 59 TD. 025 (Safe) 5357E 0718E at 0952 hrs. from 18,400 ft. Route and tactics fair. Setting course over base at too low a height. Could have broken cloud at 4,000 ft. Gaggle late. A poor gaggle going into target but excellent coming out. Good bombing run - camera operated.	A.419
31st March	LANCASTER X KD 851 W	058059	FO	LAMBROUGHTON DER	Pilot	0600	1148	Target HAMBURG with bombload same as "O". Primary at 0904.5 hrs from 18,800 ft. 036 T Dega. 215T IAS. 10/10th cloud tops 6,000 ft. Vis. above good. Ident. by red smoke puffs. Bombed on worn out smoke puffs as M/B. Decided to go home 10 mins. before a/c reached target. Heard his instructions. No estimate of target possible. Gaggle late and poor on way out owing to vis. A/C S and L during entire run.	A.420

0074 s/v

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