

OPERATIONS RECORD BOOK

APPENDIX "A"

R.A.F.
FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 449 (R.O.A.F.) SQUADRON

SECRET

PAGE No. 18

(7472) W/L 2422(145) 1800. 840. P.L. 51-771.

FOR THE MONTH OF MARCH, 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
1st March	HALIFAX II DE-547	S/Ldr. D.E. Kenney Sgt. Hether, S.F. Sgt. Dodson, F. P/O R. G. Hise Sgt. Goodson, G.H. Sgt. Hether, G.G. P/O G.J. Villeneuve	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. Rear Gunner Snd Pilot	10.43	20.36	Unsuccessful. Target BULLY with 2 x 1,000-lb. T.D. 430 x 4-lb. and 20 x 20-lb. incendiaries. Bomb doors were open and could not be closed, and aircraft was unable to climb more than 3,000 feet in 20-45 minutes. Bombs jettisoned safe from 2,500 feet at 1935 hours.	185 206
1st/2nd March	HALIFAX II W.7017	Sgt. Mallock, J.F. P/O A.L. Powell P/Sgt. Ross, S. P/Sgt. Hartman, H.H. Sgt. Cocher, A.H. Sgt. Joussek, P. P/Sgt. Goring, C.J.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. Rear Gunner	10.42	08.59	Successful. Target BULLY with 2 x 1,000-lb. H.H.B. 430 x 4-lb. and 20 x 20-lb. incendiaries. Bombs very good. Bombs seen in photo flashes. BULLY RIVER illuminated. Green PLANE in built-up area. Results of own bombing not seen. Target area well alight then aircraft left.	186 207
1st/2nd March	HALIFAX II W.1271	S/Ldr. H.V.S. Clark P/Sgt. Williams, R.J. P/O I. G. Purson Sgt. Jackson, P. Sgt. Lee, V. Sgt. Gatten, W.H. Sgt. Thompson, J.H. Sgt. Harris, J.H.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. Rear Gunner Snd Pilot	10.4	08.31	Successful. Target BULLY with own bomb load as aircraft DE-547 above. Visibility perfect. Built-up areas seen in flashes. Results of own bombing not seen. Aircraft was damaged by blast and door of rear turret was blown off by flash. Bomb flash encountered over target and hundreds of searchlights over northern part of route. Fire painting and P.P.V. clouds good. Target left burning.	187 208
1st/2nd March	HALIFAX II DE-536	Sgt. Hether, S.F. Sgt. Hether, A. P/Sgt. Thompson, H.H. Sgt. Simpson, G. Sgt. Hether, F. Sgt. Hether, G.H. P/Sgt. Bell, G.H.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. Rear Gunner	10.40	08.55	Successful. Visibility good, slight haze. Target identified by P.P.V. search clouds, and visually by search buildings and BULLY RIVER. Haze in built-up area at time of bombing but results not seen. Color of flames visible 100 miles away from target. Bomb load as aircraft DE-547 above.	188 207
1st/2nd March	HALIFAX II DE-500	Sgt. Harrison, F.S. P/Sgt. Richards, G.P. Sgt. Ross, L.J.A. Sgt. Hether, S.F. Sgt. Foster, G.J. Sgt. Bell, J.C. Sgt. Hether, S.F.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. Rear Gunner	10.32	00.42	Unsuccessful. Target BULLY with bomb load as for aircraft W.7017 above. Side aircraft turned back owing to high wind correction which would have resulted in landing late in the target area with insufficient altitude. Bombs jettisoned safe from 2,000 feet at 21-45 hours.	189 210
1st/2nd March	HALIFAX II DE-529	S/Ldr. H.H. Hocking P/O G. E. Fisher P/Sgt. Nelson, G.B. P/O A. P. Smith Sgt. Bell, S.F. Sgt. Clark, S.F.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. Rear Gunner	10.51	08.05	Successful. Target BULLY with own bomb load as for aircraft W.7017 above. Visibility very clear. No cloud, little haze. Target identified by red and green search. No results of own bombing seen. Target burning well. BULLY LAKE reflected southern fires starting.	190 211

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
1st/2nd March	HALIFAX II DE.583	W/Sgt. Hall, R.A.F. W/Sgt. White, R.I. W/Sgt. Williston, R.C. Sgt. Armstrong, J.F. Sgt. Taylor, E.B. Sgt. Graham, J.F. W/Sgt. Adams, G.R. Sgt. Bennett, R.F.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner 2nd Pilot	18.46	02.11	Successful. Target BHEIN with 2 x 1,000-lb. H.L.B. 430 x 4-lb. and 24 x 20-lb. incendiaries. Good visibility, no cloud. Target identified by red and green R.F.F. flares, also visually by RIVER SEARCH. Results of gun bombing not observed. Many fires seen, the glow of which was visible 150 miles away from the target.	191 242
1st/2nd March	HALIFAX II DE.548	W/O W. B. Shack W/Sgt. R.G. Newison W/Sgt. Owen, F.H. W/O G.G. Holladay Sgt. Robinson, D.G. W/Sgt. Harvey, G.F.D. W/Sgt. Woodson, H.E.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner	18.46	02.19	Successful. Target BHEIN with 2 x 1,000-lb. H.L.B. 430 x 4-lb. and 24 x 20-lb. incendiaries. Good visibility was aided by flares and photo flashes. Built up area clearly seen. Target identified by red and green master flares. One engine of the aircraft was hit by flak but was not affected. A very successful raid. Many large fires seen.	192 273
1st/2nd March	HALIFAX II DE.616	Sgt. Johnson, L. W/Sgt. Brown, D.D. W/Sgt. Marvel, J.H. Sgt. Bennett, J.A. Sgt. Turner, A.G. Sgt. Cook, R.J. W/Sgt. Cooper, J.R.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner	18.47	02.30	Successful. Target BHEIN with same bomb load as aircraft DE.548 above. Visibility good. No clouds, light ground haze. Target identified by red and green R.F.F. master flares, and visually by RIVER SEARCH. Flares were concentrated round aiming point, and the glow was visible 100 miles away on the return journey.	193 274
1st/2nd March	HALIFAX II DE.672	Sgt. Jackson, E.E. W/Sgt. Corbett, J.H. W/Sgt. Fry, J.R. Sgt. Greenall, T.H. Sgt. Sebastian, G.F. Sgt. Jony, E. W/O A. E. Wallace W/O W. J. Hayes	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner 2nd Pilot	18.49	02.47	Successful. Target BHEIN with same bomb load as aircraft DE.548 above. Target identified by red and green master flares. Building seen in photo flashes. Very successful raid. Good flares burning, well concentrated. Visible 150 miles away. Many searchlights and heavy flak. Both planes of aircraft were struck by flak.	194 275
1st/2nd March	HALIFAX II DE.609	W/O J. D. McKean W/O H. Gabel Sgt. Harris, A.G. Sgt. Wright, F.S. Sgt. Allen, J.G. W/O R. J. Wagner Sgt. Smith, J.A.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner	18.53	02.44	Successful. Target BHEIN with same bomb load as aircraft DE.548 above. Visibility good. Slight smoke haze. Target identified by red and green master flares, also visually. Results of gun bombing not observed. Aiming point covered with many flares burning well. Many beds also seen burning.	195 276
1st March	HALIFAX II DE.644	W/O A. J. Huxtable Sgt. Fennell, W.G. Sgt. Johnson, A.L. Sgt. Gray, J.H. Sgt. Chisholm, A.E. Sgt. Donald, J. Sgt. Woodhouse, A.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner	18.50	-	This aircraft took off to attack BHEIN with same bomb load as aircraft DE.548. Nothing further was heard from this aircraft after take off, and its failure to return must be presumed to be due to enemy action.	196 277

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OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

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PAGE No. 19

FOR THE MONTH OF MARCH 1943

(1943) Wt. 245-25 60,000 516 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
2nd/4th March	HELIKAX II HR.500	Sgt. Jackson, G.E. 2/Sgt. GIBSON, J.E. 2/Sgt. Fry, J.E. Sgt. GIBSON, J.E. Sgt. Johnston, G.E. Sgt. JURY, I. Sgt. GIBSON, G.E. P/O H. J. DAVIS	Captain Navigator Bomb Aimer 2/Op. A.G. Flight Eng. N-3 Gunner Rear Gunner 2nd Pilot	18.25	00.37	Successful. Target HANDED with 2 x 1,000-lb. H.L.B. 510 x 4-in. and 32 x 50-lb. incendiaries. Visibility fairly good. No cloud but smoke haze. Target identified by P.O.D. markers and visual pin-point of river and lake to north-of-aiming point. Target area seemed to be burning and there was a dense smoke screen. Flak holes made in aircraft between STOPPING POINT before and FUELING.	197 210
2nd March	HELIKAX II HR.645	Sgt. BARNWELL, L. 2/Sgt. GIBSON, J.E. 2/Sgt. HARVEY, J.E. Sgt. BARNWELL, J.E. Sgt. GIBSON, J.E. Sgt. HUGH, L.F. 2/Sgt. GIBSON, J.E.	Captain Navigator Bomb Aimer 2/Op. A.G. Flight Eng. N-3 Gunner Rear Gunner	18.22	23.55	Successful. Target HANDED with 2 x 1,000-lb. H.L.B. 510 x 4-in. and 32 x 50-lb. incendiaries. Fair visibility. No smoke, slight haze. Target identified by P.O.D. markers, and visually by RIFLE MARK. Results of one bombing not observed. Incendiaries were well concentrated around aiming point. One large fire and others taking hold.	198 219 //
3rd March	HELIKAX II HR.628	Sgt. HARRIS, R.F. Sgt. GIBSON, J.E. 2/Sgt. THOMPSON, G.E. Sgt. GIBSON, J.E. Sgt. HARRIS, G.E. 2/Sgt. DILL, G.E.	Captain Navigator Bomb Aimer 2/Op. A.G. Flight Eng. N-3 Gunner Rear Gunner	18.29	26.30	Successful. Target HANDED with same bomb load as aircraft HR.645 above. This aircraft returned to base as top of the gun in the rear turret was H/L. Bombs jettisoned with 2000 ft. at 19.45 hours.	199 220
3rd/4th March	HELIKAX II HR.677	P/O G. R. FURBER Sgt. BARNWELL, A.E. 2/Sgt. HUGH, L.F. Sgt. LATHING, G.E. Sgt. DICKINSON, H.E. Sgt. LATHING, R. Sgt. TAYLOR, A.H. P/O G.E. THOMPSON	Captain Navigator Bomb Aimer 2/Op. A.G. Flight Eng. N-3 Gunner Rear Gunner 2nd Pilot	18.28	00.29	Successful. Target HANDED with same bomb load as aircraft HR.645 above. Moderate visibility. Slight haze but no cloud. Target identified by marker flares, and visually by rifle. Bombs on gross marker in height. One 1,000-lb. bomb seen to explode in aiming point. Numerous fires seen and a number of bombs burning in aiming point. One of three seen from aircraft on return trip. Intense heavy and light flak encountered with large searchlight cones.	200 221
3rd/4th March	HELIKAX II HR.669	P/O J. R. DICKINSON P/O H. GIBB Sgt. HARRIS, A.G. Sgt. DICKINSON, F.J. Sgt. ALLEN, G.E. P/O R. J. GIBSON Sgt. DICKINSON, J.E.	Captain Navigator Bomb Aimer 2/Op. A.G. Flight Eng. N-3 Gunner Rear Gunner	18.21	00.16	Successful. Target HANDED with same bomb load as aircraft HR.645 above. Good visibility, no cloud. Built-up area seen in flames. Bombs on marker flares but one results not observed. Intense flak over target and many enemy aircraft appearing. Two H/L claimed to destroy by TO WRECK.	201 222
3rd/4th March	HELIKAX II HR.623	2/Sgt. DILL, R.A.H. 2/Sgt. HUGH, L.F. 2/Sgt. HILLIARD, G.E. Sgt. GIBSON, J.E. Sgt. TAYLOR, J.E. 2/Sgt. GIBSON, G.E. Sgt. HARRIS, J.E.	Captain Navigator Bomb Aimer 2/Op. A.G. Flight Eng. N-3 Gunner Rear Gunner 2nd Pilot	18.28	00.08	Successful. Target HANDED with same bomb load as aircraft HR.645 above. Visibility very good. No cloud. Target identified and bombed by markers, and visually by rifle and later, built-up area and flares. Incendiaries seen to start fires. One very intense and others of fire seen as aircraft left. Intense flak over target.	202 223

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
3rd March	HALIFAX II DE-348	W/O Hamilton, G.A. Sgt. Mann, E.J. W/O R. Smever Sgt. Allison, G.H.D. Sgt. Howell, H.J. W/O A. R. Wallace Sgt. Doug, H.C.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner	18.27	23.37	Unsuccessful. Target HAMBURG with 2 x 1,000-lb. H.B., 540 x 4-lb. and 56 x 30-lb. incendiaries. This aircraft was obliged to return to base early owing to engine trouble. H.M.'s jettisoned safe and incendiaries 1500 at 24.25 hours.	203 204
3rd/4th March	HALIFAX II W.1271	Sgt. McCreedy, R.F. Sgt. Johnson, A. Sgt. Watts, G.I. Sgt. Holden, A.J. Sgt. Scullion, R.O. Sgt. Connor, H.H. Sgt. Ridgway, W.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner			Successful. Target HAMBURG with same bomb load as aircraft W.516 above. Visibility good. No cloud but slight ground haze. Target identified by P.P.F. marker flares, and visually by late and dark. Incendiaries seem to burst. Heavy fires seen in target area.	201 205
3rd/4th March	HALIFAX II DE-749	F/Sgt. Johnson, R.G. Sgt. Johnson, H. F/Sgt. Johnson, H.H. Sgt. Jones, E.L.J. Sgt. Coy, W.H. Sgt. Johnson, S.E. F/Sgt. Smith, S.E. Sgt. Barrett, R.F.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner 2nd Pilot	18.28	00.48	Successful. Target HAMBURG with same bomb load as above. Good visibility, no cloud. Target identified by marker flares, and visually by H.M. H.M. Incendiaries well concentrated in attack point. H.M. bombs scattered in a circle round attack point burning well. Intense fire.	205 206
5th/6th March	HALIFAX II W.7017	Sgt. Maddock, J.T. W/O P. Campbell Sgt. Chevrolet-Chapman, F. F/Sgt. MacFarlan, H.H. Sgt. Walker, A.H. Sgt. Pearson, P. F/Sgt. Corring, G.A.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner	18.00	00.38	Successful. Target HAMBURG with 4 x 1,000-lb. H.L.B., 2 x 1,000-lb. E.D., 720 x 4-lb. and 52 x 30-lb. incendiaries. Visibility good. No cloud; haze in patches. Bursts on marker flares. On roads not seen. Exceptional and well concentrated fire bursts. One terrific explosion seen while leaving target. Sparks and flames flew up to 2,000 feet, followed by smoke.	206 207
5th/6th March	HALIFAX II DE-678	Sgt. Jackson, E.R. F/Sgt. Jackson, J.H. F/Sgt. Fry, J.H. Sgt. Oswald, E.H. Sgt. Sebastian, C.F. Sgt. Hill, J.A. Sgt. Amy, E.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner	18.51	00.48	Successful. Target HAMBURG with same bomb load as for aircraft W.7017 above. Visibility good; moderate smoke haze. Target identified and bombed by marker flares. Bursts of incendiaries seen over attack point. One large explosion and heavy fire. Bombs seen burning round markers. Glow of fires visible 100 miles away.	207 208
5th/6th March	HALIFAX II DE-636	Sgt. Holton, R.F. Sgt. Simpson, A. F/Sgt. Youngblood, H.E. Sgt. Tompkins, G. Sgt. Henson, H. Sgt. Morrison, S.R. F/Sgt. Bell, G.H.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. W-U Gunner Rear Gunner	18.59	00.08	Successful. Target HAMBURG with same bomb load as for aircraft W.7017 above. Visibility good. No cloud, slight haze. Ground detail visible in flames. Concentration of incendiaries, especially on and near sheds. Heavy pre-attack fire at accurate height.	208 209

OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

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By No. 449 (R.C.A.F.) SQUADRON

SECRET

PAGE No. 20

(1941) Wt. 225-25 50,000 514 T.S. 700

FOR THE MONTH OF MARCH 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
29th March	HALIFAX II DE. 617	W/Lt. G. de G. Sells P/O G. T. Loney Sgt. McLeod, R.F. P/O G. Driskill, A. Sgt. Taylor, G.S. P/O R. E. Macdonald P/Sgt. Sells, J.F.	Captain Navigator Bomb Aimer W/O.P.A.S. Flight Eng. N-G Gunner Rear Gunner	18.58	00.05	Successful. Target BOMB with 1 x 1,000-lb. H.L.B., 2 x 1,000-lb. H.B., 700 x 2-lb. and 30 x 20-lb. incendiaries. Visibility good. No cloud, thick ground haze. Bombed on P.F.S. marker flares. Results not seen. Target area burning furiously. Clear visible from Dutch coast.	209 250
29th March	HALIFAX II DE. 616	P/O G. E. Porter Sgt. Robinson, A.E. P/O G. L. Bell Sgt. Loutch, G.S. Sgt. Blakey, R.F. Sgt. Lendon, R. P/Sgt. Taylor, A.E.	Captain Navigator Bomb Aimer W/O.P.A.S. Flight Eng. N-G Gunner Rear Gunner	18.40	00.18	Successful. Target BOMB with same bomb load as for aircraft DE. 617 above. Target identified and bombed by marker flares. 1 x 1,000-lb. bomb seen to explode. Target area covered with incendiaries. Large number of heavy explosions observed. A very concentrated effort.	210 251
29th March	HALIFAX II DE. 609	P/Sgt. Goddard, R.G. Sgt. Johnson, E. P/Sgt. Hutton, R.H. Sgt. Dimes, E.L.F. Sgt. Jay, R.F. Sgt. McNeill, J.S. P/Sgt. Grant, R.E. P/O R. B. Boyd	Captain Navigator Bomb Aimer W/O.P.A.S. Flight Eng. N-G Gunner Rear Gunner Sd Pilot	18.56	23.40	Successful. Target BOMB with same bomb load as for aircraft DE. 617 above. Visibility good. No cloud but haze. Bombed on marker flares. Bombs seen to explode at sliding point. Ind glow from target area seen from coast while on return journey. Much searchlight activity and heavy searchlight flash.	211 252
29th March	HALIFAX II DE. 605	P/Sgt. Bell, R.A.E. P/Sgt. White, G.L. P/Sgt. Williams, G.D. Sgt. Anderson, J.D. Sgt. Taylor, R.H. Sgt. Graham, J.F. P/Sgt. Athan, G.E.	Captain Navigator Bomb Aimer W/O.P.A.S. Flight Eng. N-G Gunner Rear Gunner	18.58	23.47	Successful. Target BOMB with same bomb load as for aircraft DE. 617 above. Visibility good. No cloud, slight haze. Target identified by marker flares, and visually by watches of team. Incendiaries were concentrated round marker flares. Bombs seen bursting sound sliding point and fires taking hold.	212 253
29th March	HALIFAX II DE. 615	P/Lt. R.V.S. Clark P/Sgt. Williams, R.L. P/O L. G. Dimes Sgt. Jackson, F. Sgt. Lee, V. Sgt. Thompson, G.H. P/Sgt. Grant, G.A.L.	Captain Navigator Bomb Aimer W/O.P.A.S. Flight Eng. N-G Gunner Rear Gunner	18.50	00.10	Successful. Target BOMB with same bomb load as for aircraft DE. 617 above. Visibility good, no cloud. Bombed on green marker flares. Own results not seen. Target area covered with incendiaries. Heavy searchlight around target. Not much flash in target area.	213 254
29th March	HALIFAX II DE. 709	Sgt. Levinger, R.F. Sgt. White, G.L. Sgt. Baker, A.C. Sgt. Butler, R.O. Sgt. Green, G.L. Sgt. Ridgway, V.	Captain Navigator Bomb Aimer W/O.P.A.S. Flight Eng. N-G Gunner Rear Gunner	18.52	00.22	Successful. Target BOMB with same bomb load as for aircraft DE. 617 above. Good visibility. Cloud negligible. Build-up over seen in flashes. Own results not observed. Attack concentrated within marker area. Heavy large fires seen.	214 255

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
3th March	HALIFAX II HE.646	Capt. Johnson, L. 2/ Sgt. Brown, D.S. 2/ Sgt. Marshall, J.E. 2/ Sgt. Bennett, J.A. 2/ Sgt. Turner, A.G. 2/ Sgt. Clark, R.J. 2/ Sgt. Cooper, J.R.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-3 Gunner Rear Gunner	19.57	-	This aircraft took off to attack HESSE with 1 x 1,000-lb. H.L.B., 2 x 1,000-lb. T.B., 750 x 1-lb. and 22 x 20-lb. incendiaries. Nothing was heard from the aircraft after take off, and its failure to return can only be assumed to be due to enemy action.	215 256
3th/4th March	HALIFAX II N.7017	Capt. Macdonald, J.E. 2/ O. L. Nelson 2/ Sgt. Macdonald, R.H. 2/ Sgt. Gordon, A.H. 2/ Sgt. Bennett, F. 2/ Sgt. Spring, G.A.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-3 Gunner Rear Gunner	19.01	04.16	Successful. Target HESSE with 1 x 1,000-lb. H.L.B., 1 x 500-lb. H.L.B., 600 x 1-lb. and 22 x 20-lb. incendiaries. Visibility good. No cloud, slight ground haze. Target identified and bombed by number flares. Gun results not seen. Attack very concentrated. Two large fires seen.	216 229
3th/4th March	HALIFAX II HE.672	2/ O. L. Nelson 2/ O. L. Nelson 2/ Sgt. Bennett, J.E. 2/ Sgt. Allen, J.C. 2/ O. L. Nelson 2/ Sgt. Spring, G.A.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-3 Gunner Rear Gunner	19.11	04.26	Successful. Target HESSE with one bomb load as for aircraft N.7017 above. No cloud, slight haze. Target identified by number flares, and visually by built-up area and surrounding ground. Gun results not observed. Three good fires and several small ones seen. Also visible 210 miles away.	217 228
3th/4th March	HALIFAX II HE.674	2/ O. L. Nelson 2/ O. L. Nelson 2/ Sgt. Bennett, J.E. 2/ Sgt. Allen, J.C. 2/ O. L. Nelson 2/ Sgt. Spring, G.A.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-3 Gunner Rear Gunner	19.09	04.26	Successful. Target HESSE with one bomb load as for aircraft N.7017 above. No cloud, slight haze. Target identified by number flares and visually. Gun clearly seen. One big and explosion seen, also incendiaries seen burning. Red glow visible 115 miles away on return journey.	218 227 #
3th/4th March	HALIFAX II HE.617	2/ O. L. Nelson 2/ Sgt. Bennett, J.E. 2/ Sgt. Allen, J.C. 2/ O. L. Nelson 2/ Sgt. Spring, G.A.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-3 Gunner Rear Gunner	19.04	04.20	Successful. Target HESSE with one bomb load as for aircraft N.7017 above. Visibility good, no cloud. Ground detail occasionally seen through haze. Target identified by numbers. Bombs dropped on large fire in built-up area. First N.B.P. markers were 2 miles apart. Aircraft finished on three engines.	219 226
3th/4th March	HALIFAX II HE.616	2/ O. L. Nelson 2/ Sgt. Bennett, J.E. 2/ Sgt. Allen, J.C. 2/ O. L. Nelson 2/ Sgt. Spring, G.A.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-3 Gunner Rear Gunner	19.05	04.21	Successful. Target HESSE with one bomb load as for aircraft N.7017 above. Visibility good, no cloud. Ground seen by light of flares. Target identified by number flares. Gun results not observed. First flares were well apart but attack quickly became concentrated.	220 224

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OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

By No. 442 (R.C.A.F.) SQUADRON

SECRET

Page No. 21

(1943) Wt. 925-26 No. 200 Size T.S. 700

FOR THE MONTH OF MARCH 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
20th/30th March	BALISAR II DR. 609	Cpt. Jones, R.A. Sgt. Dunn, G.N. Sgt. Pritchard, R.F. Sgt. Hill, R.E. Sgt. Ballantyne, G.D. Sgt. Douglas, G.L. Sgt. Brown, R.E.	Captain Navigator Bomb Aimer W/O A.S. Flight Eng. N-G Gunner Rear Gunner	19.22	03.25	Successful. Target HITTED with one bomb load as for Aircraft DR. 609 above. Good visibility apart from slight ground haze. Bombs fall on large factory which was marked by red flames.	221 202
20th/30th March	BALISAR II DR. 205	Sgt. Bell, R.A.S. S/O B. Curry Sgt. Williams, R.G. Sgt. Atkinson, J.B. Sgt. Taylor, R.E. Sgt. Graham, J.F. Sgt. Allan, G.E. Sgt. Stewart, R.E.	Captain Navigator Bomb Aimer W/O A.S. Flight Eng. N-G Gunner Rear Gunner 2nd Pilot	19.00	04.30	Successful. Target HITTED with one bomb load as for Aircraft DR. 609 above. Visibility clear. Ground detail visible. Target identified by markers. Bombs seen after bombing. Secondary aim to fall on town and N.E. area to burst. Best fires in west side of town. Spreading and taking good hold. Aircraft landed at KINGS CALLAR.	222 203
20th/30th March	BALISAR II V. 1271	Sgt. Goddard, R.E. Sgt. Johnson, R. Sgt. Norman, R.M. Sgt. Dunn, R.L.S. Sgt. Jay, G.E. Sgt. McManis, J.E. S/O G. G. Galt S/O P. D. Boyd	Captain Navigator Bomb Aimer W/O A.S. Flight Eng. N-G Gunner Rear Gunner 2nd Pilot	19.10	04.10	Successful. Target HITTED with one bomb load as for Aircraft DR. 609 above. Good visibility, ground seen. Target identified by markers which were confirmed. Bombs seen burning and illumination starting. Big flames over strike point. Attack unopposed. One large fire seen.	223 204 4
20th/30th March	BALISAR II DR. 307	Sgt. Mackay, R.F. Sgt. Adams, A. Sgt. White, G.L. Sgt. Hildon, A.S. Sgt. Doolan, R.A. Sgt. Brown, R.E. Sgt. Adams, V.	Captain Navigator Bomb Aimer W/O A.S. Flight Eng. N-G Gunner Rear Gunner	19.03	03.39	Successful. Target HITTED with one bomb load as for Aircraft DR. 609 above. Visibility good but haze obscured ground detail. Target identified by marker flames which were scattered. Target successfully attacked.	224 205
20th/30th March	BALISAR II DR. 709	S/O L. P. Almond Sgt. Brown, A. Sgt. Allan, R.E. Sgt. Logan, S.A. Sgt. Brown, R. Sgt. Clark, V. Sgt. Stewart, R.	Captain Navigator Bomb Aimer W/O A.S. Flight Eng. N-G Gunner Rear Gunner	19.05	02.10	Successful. Target HITTED with one bomb load as for Aircraft DR. 609 above. This aircraft returned early due to 40th - 60th MP at 22.00 hours because bombs were returned while in contact with an I/O. Bombs 1/2 in and one gun stoppage.	225 206

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
9th/10th March	HALIFAX II E.7047	2/Lt. G. G. Sells 2/O G. H. Lamy Sgt. Crowfoot-Chapman, Sgt. Deitchell, A. Sgt. Taylor, G.H. 2/O M. S. Macdonald Sgt. Halls, J.A. 2/O G.J. Vallancey	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-3 Gunner Rear Gunner 2nd Pilot	19.42	05.25	Successful. Target HUNDE with 4 x 1,000-lb. G.P., 1 x 500-lb., 600 x 4-lb. and 20 x 20-lb. incendiaries. Visibility poor. Initial ground base not clear. Target identified and bombed by marker flares. Heavy explosions seen in centre of incendiaries which illuminated river running through the town. One tremendous explosion seen which lit up the ground like day. A very concentrated attack.	226 247
9th March	HALIFAX II E.617	2/O V. J. Bayne 2/O R. L. Black 2/O G. L. Buck Sgt. Chambers, R.H.C. Sgt. Stewart, R.H. Sgt. Hall, R.H. Sgt. Gray, J.B.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-3 Gunner Rear Gunner	19.39	21.28	Unsuccessful. Target HUNDE with same bomb load as for aircraft E.7047 above. Immediately after take-off it was discovered that the Wireless Operator was not aboard. Pilot reported to base Northwick and was ordered to jettison bomb load in sea. This was done at 20.35 hours and aircraft returned to base.	227 248
9th/10th March	HALIFAX II E.672	Sgt. Jackson, E.H. 2/Sgt. Garton, J.H. 2/Sgt. Fry, J.L. Sgt. Gammell, R.H. Sgt. Sebastian, G.F. Sgt. Gray, J. 2/Sgt. Clarke, H.S.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-3 Gunner Rear Gunner	19.30	04.59	Successful. Target HUNDE with same bomb load as for aircraft E.7047 above. No cloud but considerable haze. Target identified by marker flares and river visually pin- pointed. Results of on landing not observed. Several flares burning which appeared to be spreading. Marker flares rather scattered.	228 249 5
9th/10th March	HALIFAX II E.624	Sgt. Harris, R.F. 2/O E. H. Hart 2/Sgt. Tomblin, G.H. Sgt. Tomblin, G. Sgt. Brown, J. Sgt. Harrison, G.H. 2/Sgt. Bell, G.H.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-3 Gunner Rear Gunner	19.44	05.17	Successful. Target HUNDE with same bomb load as for aircraft E.7047 above. Haze with scattered cloud above. Bombed on E.E.E. marker flares. Incendiaries seen to fall and one bomb burst at the same time. One immense explosion and about sixty small fires seen. Several large searchlight beams and heavy flak. No enemy aircraft encountered.	229 250
9th March	HALIFAX II E.616	Sgt. Falson, J. Sgt. Walsh, R. 2/O E. Brown Sgt. Neely, R. Sgt. Stewart, R.A. Sgt. Reddie, R.H.H. Sgt. Coating, A.E.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-3 Gunner Rear Gunner	19.37	25.57	Unsuccessful. Target HUNDE with same bomb load as for aircraft E.7047 above. Rear Gunner reported that his target was U/S soon after crossing the English Coast so Captain decided to return to base.	230 251
9th/10th March	HALIFAX II E.555	2/Lt. D.V.G. Clark 2/Sgt. Williams, R.H. 2/O I. B. Dunne Sgt. Jackson, F. Sgt. Lee, F. Sgt. Thompson, J.H. 2/Sgt. Street, J.A.L.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-3 Gunner Rear Gunner	19.47	05.26	Successful. Target HUNDE with same bomb load as for aircraft E.7047 above. Visibility. No cloud but industrial haze. Ground detail seen. One large explosion and ten to twelve large fires seen. Whole town along river bank appeared to be well alight. Not glow of fires seen for many miles.	231 252

OPERATIONS RECORD BOOK

APPENDIX "A"

R.A.F.
Form 541.

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SECRET

Page No. 22

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FOR THE MONTH OF MARCH, 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
9th March	HALIFAX II HD.327	Cpt. Tetherell, H.G. P/O G. D. Rypsway E. K. GILL Sgt. Stinson, W.G. Sgt. Eason, H.E. Sgt. Dewey, R. Sgt. Ross, H.J.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	19.28	23.45	Unsuccessful. Target <u>BERNE</u> with 1 x 1,000-lb. G.P., 1 x 500-lb., 630 x 4-lb. and 26 x 30-lb. incendiaries. While crossing the French Coast the Mid-Upper Gunner's oxygen tube connection became broken and could not be repaired. Aircraft returned to base.	232 253
9th/10th March	HALIFAX II HD.325	Sgt. Green, A.G. P/O B. Gortney Sgt. Brooking, A.J. Sgt. Harrison, H.A. Sgt. Dean, P.A. Sgt. Thurston, J.G. Sgt. Cowling, G.R.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	19.44	01.45	Successful. Target <u>BERNE</u> with same bomb load as for aircraft HD.327 above. No cloud, slight haze. Target identified by master flares. One large explosion seen and a few incendiaries catching hold. Intense light and heavy flak. No enemy aircraft seen.	233 254
9th/10th March	HALIFAX II HD.285	P/O J. A. Under Sgt. Pope, R.H. Sgt. Evans, A.H.A. P/Sgt. Paddy, H.S. Sgt. Johnson, J.B. P/Sgt. Goodridge, V.H.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. Rear Gunner	19.45	05.11	Successful. Target <u>BERNE</u> with same bomb load as for aircraft HD.327 above. Slight haze. Ground details discernible in glow from red flares. Bomb bursts seen, also large number of fires. Exceptionally large number of searchlight cones on east and west side of town. One large and bright explosion seen close to dining point in centre of town.	234 255
11th/12th March	HALIFAX II HD.285	P/Sgt. Hall, R.A.H. P/Sgt. White, W.L. P/Sgt. Wallington, R.G. Sgt. Johnson, J.B. Sgt. Taylor, W.H. Sgt. Gibson, J.F. P/Sgt. Alden, G.F.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	19.12	05.15	Successful. Target <u>STUTTGART</u> with 6 x 1,000-lb. G.P. and 1 x 500-lb. Visibility clear with patches of cumulus cloud at 16,000 feet. Bombed on master flares. Bombs fell on red marker across railway station.	235 256
11th/12th March	HALIFAX II HD.327	P/Sgt. Goddard, R.G. Sgt. Johnson, R. P/Sgt. Burton, H.E. Sgt. Jones, R.L.S. Sgt. Jay, W.H. Sgt. McQuinn, J.J. P/Sgt. Smart, V.E.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	19.43	02.26	Successful. Target <u>STUTTGART</u> with same bomb load as for aircraft HD.285 above for 11/12 March. No cloud over target but haze. Ground details visible in flashes. River identified visually. Aircraft hit several times by flak when caught in searchlight cone at <u>BERNE</u> . Many bombs seen bursting round markers.	236 257 258
11th/12th March	HALIFAX II HD.325	Sgt. Hocking, R.F. Sgt. Lavery, A. Sgt. Watts, G.L. Sgt. Holden, A.J. Sgt. Boulton, P.C. Sgt. Gomer, W.H. Sgt. Ridgway, V.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	19.07	05.05	Successful. Target <u>STUTTGART</u> with same bomb load as for aircraft HD.285 above for 11/12 March. Visibility good. No cloud. Target identified by master flares and visually by river. Four bombs seen to burst just south-east of marshalling yards. Two large fires burning in centre of target. Intense and accurate heavy flak. No searchlights or enemy aircraft seen.	237 258

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
11th/12th March	HALIFAX II DT.709	C/O J. D. Snider Sgt. Pope, W.H. W/Sgt. Pretty, H.G. Sgt. Johnson, J.B. W/Sgt. Goodridge, W.H. Sgt. Bucknell, W.H.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. H-U Gunner (Rear) Tail Pilot	19.11	03.25	Successful. Target SEUTZMART with 6 x 1,000-lb. G.P. and 1 x 500-lb. G.P. Poor visibility. Thick ground haze. Bombed on marker flashes. Gun results not seen. Several sticks of bombs seen to explode in target area. Red glow visible 50 miles away on return journey.	238 239
11th/12th March	HALIFAX II DT.609	W/Ldr. D.W.S. Clark W/Sgt. Williams, R.J. W/O L. G. Dunson Sgt. Johnson, F. Sgt. Lee, V. Sgt. Thompson, J.H. W/Sgt. Brown, J.A.L.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. H-U Gunner Rear Gunner	19.09	03.36	Successful. Target SEUTZMART with same bomb load as aircraft DT.709 above. No cloud but haze. Target identified by markers and visually by river. Results not observed. Had encounter with enemy aircraft on outward journey, aircraft being claimed as shot down. Another aircraft also seen shot down on way out.	239 240
11th/12th March	HALIFAX II DT.248	Sgt. Green, A.E. W/O D. Garvey Sgt. Rowley, A.J. Sgt. Harrison, H.A. Sgt. Dani, F.A. Sgt. Thomson, J.G. Sgt. Godling, G.R.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. H-U Gunner Rear Gunner	19.11	02.50	Successful. Target SEUTZMART with bomb load as aircraft DT.709 above. No cloud, slight haze. Bombed on red marker flashes. A heavy fire was observed north of target. Aircraft was damaged by heavy flak. Starboard engine rendered W/S. Aircraft landed at LIZYU.	240 241
11th March	HALIFAX II DT.500	C/O E. F. Ashworth Sgt. Simpson, A. Sgt. Oldham, J.K. Sgt. Layton, S.A. Sgt. Ebbens, H. Sgt. Christie, W. Sgt. Elouat, B.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. H-U Gunner Rear Gunner	19.10	23.56	Unsuccessful. Target SEUTZMART with same bomb load as DT.709 above. Aircraft returned empty. Reflector sight in rear turret W/S (upper H.L. gun). Both peacocks jammed W/S. Both port and starboard I.F.P. oscillating. All bombs jettisoned safe. Aircraft landed at LIZYU.	241 242
11th/12th March	HALIFAX II DT.672	Sgt. Jackson, E.E. W/Sgt. Gordon, J.H. W/Sgt. Fry, J.H. Sgt. Crandall, E.H. Sgt. Sebastian, G.J. Sgt. Juby, E. W/Sgt. Stone, R.G.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. H-U Gunner Rear Gunner	19.06	03.34	Successful. Target SEUTZMART with same bomb load as DT.709 above. Visibility fair. No cloud, moderate haze. Built-up area visible in flashes. Bombed on markers. Results not observed. Many explosions seen.	243 242
11th/12th March	HALIFAX II DT.634	Sgt. Palmer, J. Sgt. Hales, H.H. C/O B. Brown Sgt. Wood, R. Sgt. Bennett, E.A. Sgt. Roberts, R.H.L. Sgt. Goering, A.J.	Captain Navigator Bomb Aimer W/Op.A.G. Flight Eng. H-U Gunner Rear Gunner	19.05	03.43	Successful. Target SEUTZMART with same bomb load as DT.709 above. Visibility very good. No cloud. River and pattern of built-up area seen in flashes. Bombed on marker flashes. Searchlight comes over KARLSRUHE. Very little light flak experienced.	243 244

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OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541.

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SECRET

PAGE No. 23

(Form W. 1025-25 6x10 size T.S. 700)

FOR THE MONTH OF MARCH 43

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
11th/12th March	HALIFAX II DE.617	Sgt. Johnson, P.S. Sgt. Schmidt, R.S. Sgt. Ross, R.S. Sgt. Shepley, G. Sgt. Thornhill, R. Sgt. Whelan, J.H. Sgt. Willis, L.A.	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. N-U Gunner Rear Gunner	19.39	04.22	Successful. Target BUNTON with 6 x 1,000-lb. G.F. and 4 x 500-lb. G.F. Visibility good. 2/10ths cloud at 15,000 feet. Ground details seen through haze. Bombed on red and green markers, results not observed. Attack appeared concentrated. Glow of fires visible 70 miles away on return journey. Extensive and scattered heavy flak encountered over target. Many searchlight beams between BUNTON and target.	244 365 to 245 245
11th/12th March	HALIFAX II DE.616	P/O R. G. Mason P/O P. Campbell P/O R. E. Stobell Sgt. Wigglesworth, R. Sgt. Weston, G.W. Sgt. Poole, S. Sgt. Piggot, R.G.	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. N-U Gunner Rear Gunner	19.08	03.13	Successful. Target BUNTON with 6 x 1,000-lb. and 1 x 500-lb. G.F.'s. Slight haze in target area. No cloud, visibility unobscured. Target identified and bombed by master flares. Lots of heavy and light flak. Results of bombing not observed.	246 247
12th/13th March	HALIFAX II DE.617	P/O W. J. Joyce P/O D. I. Mack P/O G. L. Rank Sgt. Chambers, R.L.G. Sgt. Stewart, R.H. Sgt. Hill, R.L. Sgt. Gray, J.H.	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. N-U Gunner Rear Gunner	19.10	03.10	Unsuccessful. Target BUNTON with 6 x 1,000-lb. H.L.B., 2 x 1,000-lb. H.D., 750 x 1-lb. and 38 x 50-lb. incendiaries. Port engine engine and cut at 21.17 hours, causing aircraft to lose height. Bomb dropped at 23.25 25.25 N. of 00.22 at 21.00 hours. Saw white markers and saw bombs explode.	246 247
12th/13th March	HALIFAX II DE.616	P/O J. S. Dickson P/O H. Gabel Sgt. Harris, A.G. Sgt. Wright, P.F. Sgt. Allen, J.G. P/O R. J. Rogers Sgt. Vack, J.A.	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. N-U Gunner Rear Gunner	19.12	03.25	Successful. Target BUNTON with same bomb load as for aircraft DE.617 above for 12/13th March. Visibility good. No cloud but slight haze. Bombed on green marker flares. Bombs seen exploding in communication of markers. One large fire and many small ones seen. Aircraft returned on three engines from 21/00N.	247 368
12th/13th March	HALIFAX II DE.609	P/O G. G. G. G. G. P/O G. R. Rogers P/O R. E. Gell Sgt. Thornhill, A. Sgt. Taylor, G.S. P/O R. E. McDonald Sgt. Gell, J.S.	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. N-U Gunner Rear Gunner	19.17	03.17	Successful. Target BUNTON with same bomb load as for aircraft DE.617 above for 12/13th March. Visibility good. Slight haze, no cloud. Bombed on red markers. Results not seen. Lot of incendiaries seen in target area and flares had taken a good hold when aircraft left. Fires visible from Dutch Coast. Defenses more intense than on previous raid but attack was more concentrated.	248 248
12th March	HALIFAX II No. 253	Sgt. Gray, H.F. P/O G. H. Hancock, G.O. P/O G. J. Bennett Sgt. Lee, G.F. Sgt. Villy, G. Sgt. Bennett, H.S. P/O R. Harding Sgt. Bennett, H.S.	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. N-U Gunner Rear Gunner 2nd Pilot	19.18	03.30	Successful. Target BUNTON with same bomb load as for aircraft DE.617 above for 12/13th March. Visibility good. No cloud, light haze, slight haze. Bombed on marker flares. One marker not seen. Red glow visible from Dutch Coast. Some of searchlights and heavy flak encountered over BUNTON target.	249 370

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
12th/13th March	BALDRAK II BB-327	P/O P. D. Boyd P/O R. W. Loney Sgt. Longley, C.B. Sgt. Swanson, J.E. Sgt. Turner, J.G. Sgt. Hunt, G.C. Sgt. Agor, G.E.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	09.15	09.41	Successful. Target HERN with 1 x 1,000-lb. H.L.D., 2 x 1,000-lb. T.D., 720 x 4-lb. and 32 x 30-lb. incendiaries. Visibility good. No cloud, bright moon. Dashed on marker above. Results not observed. Target area recognized by flash glow when crossing the coast. Centre of target area 1/2 mile W of frame with high water rising to 2,000 feet. One large explosion seen while approaching target area.	250 271
12th/13th March	BALDRAK II BB-325	Sgt. Jensen, H.G. Sgt. Ross, G.H. P/O H. Brown Sgt. Hill, H.R. Sgt. Holland, G.C. Sgt. Douglas, C.L. W/Sgt. Howard, E.J.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	09.11	09.57	Successful. Target HERN with same bomb load as for aircraft BB-327 above. Visibility good. No haze or cloud. Picked up coast to the north of the beam. Red markers seen in beamlight and few bombs seen to burst. Large number of fires seen starting.	251 272
12th/13th March	BALDRAK II DE-789	P/O G. H. McIntosh P/O K. V. Inverold Sgt. Hancock, R.J.G. Sgt. Swanson, H.E. Sgt. McMillan, R.S. Sgt. Lewis, A.J. P/O E. L. Robbs	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	09.16	09.50	Successful. Target HERN with same bomb load as for aircraft BB-327 above. Visibility good. No cloud, bright moon. Red markers seen in beamlight. One big explosion seen throwing up debris in the air. Centre of beam burning.	252 273
12th/13th March	BALDRAK II DE-609	Sgt. Reids, R.F. P/O J. E. Hart W/Sgt. Douglas, R.S. Sgt. Taylor, G. Sgt. Brown, E. Sgt. Morrison, G.R. W/Sgt. Hill, G.M.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	09.16	09.58	Successful. Target HERN with same bomb load as for aircraft BB-327 above. No cloud, bright moon. Dashed on red marker above. Incendiaries seen to burst in built-up area. Haze column of dense black smoke seen, preceded by a large explosion with flames billowing up. Intense searchlight activity, principally in large cone. Flash lights but not accurate.	253 274
12th/13th March	BALDRAK II DE-609	P/O H. E. Fleming P/O G. H. Taylor W/Sgt. Brown, G.B. P/O A. P. Smith Sgt. Hill, R.G. W/Opt. B. L. Kasper Sgt. Clark, G.F.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	09.33	09.58	Successful. Target St. Nazaire with 2 x 1,000-lb., 600 x 4-lb. and 2 x 30-lb. incendiaries. Good visibility. Dashed on by light of moon. Target identified visually and by marker above. First markers were west of docks. Changed direction and burst visually. Results not observed. Large flame rising point was burning well after aircraft burst. All had not then turned back.	254 275 8
12th March	BALDRAK II DE-678	P/O E. H. Robble P/O R. H. Bell P/O A. S. Maxwell Sgt. Walker, E.H. Sgt. Nelson, E.H. Sgt. Humble, E.H. Sgt. Longe, A.J.	Pilot Navigator Bomb Aimer W/Opt.A.G. Flight Eng. N-U Gunner Rear Gunner	09.40	09.51	Successful. Target St. Nazaire with same bomb load as aircraft preceding. A hydraulic fluid leak developed and as this could not be repaired Captain decided to return to base. Fuel jetted out safe at 09.50 hours.	255 276

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OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541.

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PAGE No. 24

FOR THE MONTH OF MARCH 1943

(9311) Wt. 645-55 80,000 516 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
22nd/23rd March	HALIFAX II DE.617	S/Ldr. D.H. Kenney Sgt. Dodson, G.E. Sgt. Dodson, E. S/O W. G. Rice Sgt. Gordon, G.H. Sgt. DeWick, W.G. Sgt. Smallwood, G.H.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. Rear Gunner Sgt. Pilot	18.33	00.45	Successful. Target ST. HAZARD with 2 x 1,000-lb. 500 x 4-in. and 32 x 30-lb. incendiaries. No clouds, visibility good. Target identified visually and by markers. Aiming point in bombight but gun results not observed. Incendiaries white while approaching target area but turning red when leaving.	256 377
22nd/23rd March	HALIFAX II DE.609	S/O S. D. Dobson Sgt. Harris, J.G. Sgt. Wright, J.O. Sgt. Allen, J.O. S/O R. S. Rogers Sgt. Hobbs, J.A.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. Rear Gunner	18.36	00.36	Successful. Target ST. HAZARD with some bomb load as for aircraft DE.617 above. Little cloud, visibility moderate. Ground haze. Target identified visually by flares and bombs, and also by markers. Results of gun bombing not observed but one big explosion, two large fires and several scattered ones seen. Almost no scattered flak and searchlights only moderate.	257 378
22nd/23rd March	HALIFAX II DE.616	S/O G. H. Porter Sgt. Bellinger, L.E. S/O G. J. Dwyer Sgt. Lambton, G.E. Sgt. Bishop, R.H. Sgt. Lambton, B. S/Ogt. Taylor, A.H.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. Rear Gunner	18.38	01.00	Successful. Target ST. HAZARD with 1 x 1,000-lb. F.D. 1 x 1,000-lb. H.L.B., 500 x 4-in. and 32 x 30-lb. incendiaries. No clouds but ground haze. Target identified by markers and visually by flares. Aiming point in bombight. Other engines were 11/15 miles before reaching target. Few searchlights seen. One burst seen near aiming point followed by large explosion with orange flames.	258 379
22nd/23rd March	HALIFAX II DE.609	Sgt. Johnson, R.E. Sgt. Wright, R.H. Sgt. Bishop, G. Sgt. Thornhill, R. Sgt. Hanson, J.H. Sgt. Wallis, L.A.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. Rear Gunner	18.40	01.25	Successful. Target ST. HAZARD with some bomb load as for aircraft DE.617 above. Hazy soon through smoke and haze. Target identified by markers. Gun results not observed. One large fire and many small ones seen. Appeared to be the beginning of a good blast.	260 379
22nd/23rd March	HALIFAX II DE.605	S/Ogt. Bell, R.A.E. S/Ogt. White, W.L. S/Ogt. Middleton, R.O. Sgt. Aronson, J.D. Sgt. Taylor, R.H. Sgt. Gordon, J.F. S/Ogt. Atkinson, G.H.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. Rear Gunner	18.49	01.06	Successful. Target ST. HAZARD with some bomb load as for aircraft DE.617 above. Visibility good, bright moon. Target identified visually and by markers. Gun results not observed but several bombs seen to explode. Much light flak encountered near target.	260 381
22nd/23rd March	HALIFAX II V.1871	S/Ogt. Goddard, R.G. S/Ogt. Johnson, R. S/Ogt. Hanson, H.H. Sgt. Jones, R.A.E. Sgt. Coy, W.H. Sgt. Atkinson, J.F. S/Ogt. Smith, R.E.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. Rear Gunner	18.59	01.29	Successful. Target ST. HAZARD with some bomb load as for aircraft DE.617 above. A little low scattered cloud and much smoke. Aiming point seen and bombs exploded. Gun results not observed. Bombs well scattered with incendiaries but no real big fires seen. A trouble-free trip. Searchlights and flak very faint.	261 382

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
22nd/23rd March	HALIFAX II BB-327	Sgt. Tetterwell, H.G. 2/0 E. B. Ferguson 2/0 B. E. Gill Sgt. Chapman, W.G. Sgt. Platten, H.H. Sgt. Dewey, E. Sgt. Roe, H.J.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. W-U Gunner Rear Gunner	18.35	00.50	Successful. Target ST. MARIUS with 1 x 1,000-lb. 1 x 1,000-lb. H.L.B., 210 2 1/2-lb. and 32 x 30-lb. incendiaries. Visibility good. Heavy but ground seen by light of moon. Target identified visually and by markers. Landing point in bushlight but gun results not observed.	E.D. 262 382
22nd/23rd March	HALIFAX II BB-325	Sgt. McCordley, R.F. Sgt. Johnson, A. Sgt. White, G.L. Sgt. Holden, A.J. Sgt. Drucker, F.G. Sgt. Gorman, H.H. Sgt. Higgins, V.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. W-U Gunner Rear Gunner	18.41	01.31	Successful. Target ST. MARIUS with 2 x 1,000-lb. 2 x 500 x 4-lb. and 32 x 30-lb. incendiaries. Good visibility. No clouds, slight haze. Landing point in bushlight but gun results not observed. Four incendiaries and fires seen in target area.	E.D. 263 382
22nd/23rd March	HALIFAX II DE-729	Sgt. Harris, J.A. Sgt. Goehls, L.H. 2/0 A. R. Hickey Sgt. Ames, R.G. Sgt. Connor, L.H. Sgt. Doe, L.H. Sgt. May, R.G.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. W-U Gunner Rear Gunner	18.37	01.40	Successful. Target ST. MARIUS with same bomb load as for aircraft BB-325 above. Visibility good. Bushlight. Slight haze. Target identified by markers and by view of docks. Bombs seem to burst. Incendiaries concentrated on ship's points. One large explosion seen near building slips, with orange flames shooting sky high. Many large fires also seen.	E.D. 264 382 382
22nd March	HALIFAX II JB-062	Sgt. Green, A.S. 2/0 D. Garvey Sgt. Brooking, A.F. Sgt. Harrison, H.A. Sgt. Day, H.A. Sgt. Morrison, J.G. Sgt. Goring, G.R.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. W-U Gunner Rear Gunner	18.44	23.42	Unsuccessful. Target ST. MARIUS with same bomb load as for aircraft BB-325 above. Engine trouble developed and Captain decided to return to base. Bombs jettisoned and except for 1 x 1,000-lb. which hung up. Incendiaries brought back.	E.D. 265 382 ER
22nd/23rd March	HALIFAX II BB-361	2/Sgt. Palmer, J. Sgt. Walsh, H. 2/0 E. Brown Sgt. Dewey, E. Sgt. Marshall, H. Sgt. Smith, L.H. Sgt. Goring, A.J.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. W-U Gunner Rear Gunner	18.43	01.13	Successful. Target ST. MARIUS with same bomb load as for aircraft BB-327 above. Bushlight. Visibility good. Haze and low cloud. Target identified by markers. River banks also seen. Results of our bombing not seen. One large explosion seen at start of run-up. Fires just started sound along piers.	E.D. 266 387
25th/27th March	HALIFAX II DE-672	2/0 W. J. Sayer 2/0 D. I. Black 2/0 G. L. Rank Sgt. Chubb, H.H.G. Sgt. Stamer, H.H. Sgt. Hill, H.H. Sgt. Gray, J.D.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. W-U Gunner Rear Gunner	19.45	01.04	Successful. Target MARIUS with 2 x 1,000-lb. 2 x 500 x 4-lb. and 32 x 30-lb. incendiaries. 10/10ths cloud at 15,000 feet. Dashed by red flares. Results not observed. Publications seemed to be late. Dashed in patches of heavy flak concentrations.	E.D. 267 387

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OPERATIONS RECORD BOOK

APPENDIX "A"

A.F.
FORM 541.

DETAIL OF WORK CARRIED OUT

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

SECRET

Page No. 25

(Form W. 957-45 60,000 5/48 T.S. 700)

FOR THE MONTH OF MARCH 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
26th/27th March	HALIFAX II No. 283	P/O G. L. Porter Sgt. Duffinger, A.T. P/O G. J. Swanson Sgt. Loutigne, G.S. Sgt. Bishop, R.V. Sgt. London, R. P/Sgt. Taylor, A.R.	Captain Navigator Bomb Aimer W/O.A.S. Flight Eng. N-3 Gunner Rear Gunner	19.15	00.27	Successful. Target BIRMINGHAM with 1 x 1,000-lb. H.E. 1 x 1,000-lb. H.L.D. 30 x 4-lb. and 36 x 30-lb. incendiaries. 10/10ths cloud. Bombed on red and green flares. No results observed. Aircraft's engine 4 minutes for E.L. markers which were very scattered.	268 389
26th/27th March	HALIFAX II No. 283	P/O W. H. Riddle P/O R. E. Blair P/O A. H. Whistell Sgt. O'Brien, G.S. Sgt. Bishop, R.V. Sgt. Howells, R.D. Sgt. Longe, J.A.	Captain Navigator Bomb Aimer W/O.A.S. Flight Eng. N-3 Gunner Rear Gunner	19.10	00.49	Successful. Target BIRMINGHAM with same bomb load as for aircraft No. 283 above. 10/10ths cloud. Bombed on red, green and white marker flares. No results observed.	269 390
26th/27th March	HALIFAX II No. 283	P/Lt. G. de S. Rolfe P/O L. H. Nelson Sgt. Higgins, J.R. Sgt. Howells, A. Sgt. Taylor, R.R. Sgt. Walls, J.J.	Captain Navigator Bomb Aimer W/O.A.S. Flight Eng. N-3 Gunner	19.23	00.30	Successful. Target BIRMINGHAM with 2 x 1,000-lb. H.E. 30 x 4-lb. and 36 x 30-lb. incendiaries. 10/10ths cloud. Bombed by E.L.A. from green track flares. Green and red star flares were still dropping when aircraft left.	270 391
26th March	HALIFAX II No. 280	P/Lt. D.H. Kenny Sgt. Wether, G.S. Sgt. Dodlan, W. P/O W. G. Rice Sgt. Graham, G.M. Sgt. Cook, R.S. Sgt. Smith, R.G. Sgt. Swallow, G.S.	Captain Navigator Bomb Aimer W/O.A.S. Flight Eng. N-3 Gunner Rear Gunner Rad Pilot	19.18	23.41	Successful. Target BIRMINGHAM with same bomb load as for aircraft No. 283 above. 10/10ths cloud. Bombed on E.L.A. Results not observed. Captain stated "Falls finders very late. Possible we were over target and many of the aircraft did the same. Curious that the release point flares should have been so long after the green flares"	271 392
26th March	HALIFAX II No. 289	P/O P. G. Hudson P/O P. Campbell P/O R. E. Shields Sgt. Widdowson, W. Sgt. Rodman, G.S. Sgt. Mayle, D.G.	Captain Navigator Bomb Aimer W/O.A.S. Flight Eng. Rear Gunner	19.21	23.45	Successful. Target BIRMINGHAM with same bomb load as for aircraft No. 283 above. 10/10ths cloud. Bombed on red flares seen above cloud. Fallsfinders were late dropping markers.	272 393
26th/27th March	HALIFAX II No. 281	P/Sgt. Palmer, J. Sgt. Walsh, R. P/O E. Brown Sgt. Brady, E. Sgt. Howells, R. Sgt. Roberts, R.E.L. Sgt. Gearing, A.F.	Captain Navigator Bomb Aimer W/O.A.S. Flight Eng. N-3 Gunner Rear Gunner	19.13	00.36	Successful. Target BIRMINGHAM with same bomb load as for aircraft No. 283 above. 10/10ths cloud. Visibility good. Bombed by red and green flares. Saw incendiaries through break in cloud when leaving. Clouds burnt away for about 20 minutes waiting for the markers. Mark very intense. Came down to 18,000 feet to bomb.	273 394

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
26th/27th March	HALIFAX II W.1271	1/Sgt. Goddard, R.G. 2/Sgt. Johnson, R. 2/Sgt. Shuman, E.M. Sgt. Mann, L.L.J. Sgt. Jay, H.H. Sgt. McKenzie, J.J. 2/Sgt. Grant, K.S.	Captain Navigator Bomb Aimer W/Op.A.S. Flight Eng. N-U Gunner Rear Gunner	19.22	00.06	Successful. Target DUISBURG with 1 x 1,000-lb. 29 1 x 1,000-lb. H.H.B., 500 x 4-lb. and 56 x 30-lb. incendiaries. 10/10ths cloud. Visibility good. Bombed on red and green W/I flames. No results observed owing to cloud. Several flames seen from reflection in cloud.	274 295
26th/27th March	HALIFAX II W.327	1/0 L.F. Aldenorth Sgt. Mayson, A. 2/Sgt. Saunders, R.V. Sgt. Legden, G.A. Sgt. Brown, H. Sgt. Glavin, H. Sgt. Mearns, B.	Captain Navigator Bomb Aimer W/Op.A.S. Flight Eng. N-U Gunner Rear Gunner	19.09	00.11	Successful. Target DUISBURG with 2 x 1,000-lb. 29 500 x 4-lb. and 56 x 30-lb. incendiaries. 10/10ths cloud. Bombed by red and green flames. Release point flames were late.	275 296
26th/27th March	HALIFAX II W.323	Sgt. Macleod, R.E. Sgt. Lavery, J. Sgt. White, G.L. Sgt. Holden, J.J. Sgt. Redfern, F.G. Sgt. Curran, W.H. Sgt. Ridgway, W.	Captain Navigator Bomb Aimer W/Op.A.S. Flight Eng. N-U Gunner Rear Gunner	19.12	01.07	Successful. Target DUISBURG with same bomb load as for Aircraft W.327 above. 10/10ths cloud. Bombed on red flames. Red glow of incendiaries seen on cloud. Remainder flames were late and scattered.	276 297
26th March	HALIFAX II W.709	1/Lt. J. D. Gidder Sgt. Pope, E.B. Sgt. Bruce, A.V.A. 2/Sgt. Freedy, H.G. Sgt. Johnson, J.B. Sgt. Hills, J.A. 2/Sgt. Goodridge, W.	Captain Navigator Bomb Aimer W/Op.A.S. Flight Eng. N-U Gunner Rear Gunner	19.17	23.53	Successful. Target DUISBURG with same bomb load as for Aircraft W.1271 above. 10/10ths cloud. Visibility hazy above cloud. Bombed on R.T.A. Aircraft made two circuits waiting for release point flames.	277 298
26th March	HALIFAX II W.522	Sgt. Harris, J.A. Sgt. Curley, J.V. 1/0 A. R. Hickey Sgt. Amos, H.J. Sgt. Turner, L.H. Sgt. Doe, L.H. Sgt. Key, D.C.	Captain Navigator Bomb Aimer W/Op.A.S. Flight Eng. N-U Gunner Rear Gunner	19.20	21.14	Unsuccessful. Target DUISBURG with same bomb load as for Aircraft W.1271 above. First runner engines went W/S as aircraft was taking off. Bombs were jettisoned in sea and aircraft returned to base.	278 299
27th/28th March	HALIFAX II W.524	1/0 G.R. Hindle 1/0 K.V. Harold Sgt. Hancock, E.F.E. Sgt. Dunlop, H.H. Sgt. McCallum, R.A. Sgt. Murphy, L.J. Sgt. Lewis, A.E.	Captain Navigator Bomb Aimer W/Op.A.S. Flight Eng. N-U Gunner Rear Gunner	19.56	03.29	Successful. Target DUISBURG with 2 x 1,000-lb. 29, 400 x 4-lb. and 40 x 30-lb. incendiaries. Visibility fair, flight haze. Target identified by smoke. Bombed on red flames. White flames seen in area south of DUISBURG. Intense smoke produced from DUISBURG cloud. Fairly clear to west. Four target area flares did in intensity but became intense over target area. Scattered fires over wide area.	279 300

OPERATIONS RECORD BOOK

"A"
APPENDIX A.F. FORM 541.

DETAIL OF WORK CARRIED OUT
By 80.449 (R.C.A.F.) SQUADRON

SECRET

PAGE No. 26

FOR THE MONTH OF MARCH 43
19

(7522) Wt. 255-25 50,000 Max T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
27th/28th March	HALIFAX II DE.672	2/0 E. R. Jackson 2/Sgt. Carlton, R.E. 2/Sgt. Fry, S.R. Sgt. Greenhill, R.E. Sgt. Robinson, G.S. Sgt. Fry, S. 2/Sgt. Clark, R.C.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. R-7 Gunner Rear Gunner	19.53	03.35	Successful. Target BHELEN with 4 x 1,000-lb. H.L.D., 1 x 1,000-lb. E.D., 400 x 4-lb. and 40 x 30-lb. incendiaries. Thick cloud which gave way to clear sky over target area. Ground base. Target identified by gunners. Gun results not observed. Heavy red fires seen mixed with incendiaries. Number of bombs seen in target area. 4/L-fuses and less concentrated. Heavy flak less intense.	280 281
27th March	HALIFAX II DE.634	2/0 G. E. Parker Sgt. Robinson, A.E. 2/0 G. J. Swinner Sgt. Lambie, G.S. Sgt. Bishop, H.W. Sgt. Lambie, S. 2/Sgt. Taylor, A.E.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. R-7 Gunner Rear Gunner	19.02	-	This aircraft took off to attack BHELEN with 2 x 1,000-lb. H.D., 400 x 4-lb. and 40 x 30-lb. incendiaries. Holding further was based from the aircraft's fuel tank-out and the failure to return can only be assumed to be due to engine action.	281 282
27th/28th March	HALIFAX II DE.660	2/Ldr. D.H. Kenney Sgt. Vothar, S.J. Sgt. Dodson, V. 2/0 E. G. Hise Sgt. Goodwin, R.E. Sgt. Cook, R.S. Sgt. Hobbin, V.C.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. R-7 Gunner Rear Gunner	19.55	03.55	Successful. Target BHELEN with same bomb load as for aircraft DE.672 above. No cloud, ground base. Target identified by gunners. Gun results not observed. 17 flares, lamps and small bombs. One great explosion seen on approach. Heavy flares in build-up area. Very intense and concentrated flak near HANOVER and BHELEN.	282 283
27th/28th March	HALIFAX II DE.663	2/0 P. G. Wootton 2/0 P. Campbell 2/0 E. E. Shields Sgt. Wignall, R. Sgt. Mottin, S.V. Sgt. Parnell, P. Sgt. Wylley, R.G.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. R-7 Gunner Rear Gunner	19.57	03.01	Successful. Target BHELEN with same bomb load as for aircraft DE.672 above. Target clear. Ground visible. Gun results not seen but many others. Predicted flak from Dutch Coast to target. BHELEN clearly visible. Incendiaries well alight and bombs burning round perimeter which were widely spaced out. Gun large fires as aircraft left.	283 284
27th/28th March	HALIFAX II DE.609	Sgt. Martin, J.A. Sgt. Garday, J.H. 2/0 A. R. Halsey Sgt. Allen, R.S. Sgt. Turner, R.E. Sgt. Mount, S. Sgt. Orr, R.C.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. R-7 Gunner Rear Gunner	19.58	03.48	Successful. Target BHELEN with same bomb load as for aircraft DE.672 above. Visibility good. Break in cloud over target. River and ground features seen. Gun results not seen. One very large flare seen and many others starting.	284 285
27th/28th March	HALIFAX II E.1274	2/0 J. D. Dickson 2/Lt. A. L. Penhall Sgt. Harris, A.E. Sgt. Bright, P.S. Sgt. Allen, J.D. 2/0 E. J. Sagar Sgt. Hahn, J.A.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. R-7 Gunner Rear Gunner	19.54	03.45	Successful. Target BHELEN with same bomb load as for aircraft DE.672 above. No cloud in target area but some clouds base. Based on northern. Gun results not seen. One very large flare seen and many others starting.	285 286

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
27th/28th March	HALIFAX II HD.327	1/Sgt. Goddard, R.G. 2/Sgt. Johnson, R. 2/Sgt. Sherman, H.H. Sgt. Jones, E.L.J. Sgt. Joy, W.H. Sgt. McManis, J.J. 2/Sgt. Gantt, R.S.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. N-U Gunner Rear Gunner	20.01	03.20	Successful. Target BHELIN with 1 x 1,000-lb. H.L.B., 1 x 1,000-lb. S.B., 400 x 4-10, and 40 x 30-35. Incendiaries. Cloud encountered all the way but target itself clear. Identified by markers, and visually by River BRMS. Markers in bombight but results not observed. Incendiaries, fires and bomb bursts seen in target area. One of the best results of a target area.	286 409
27th/28th March	HALIFAX II HD.323	Sgt. McSorley, R.S. Sgt. Lavery, A. Sgt. Votaw, G.L. Sgt. Holton, A.S. Sgt. Boulter, F.O. Sgt. Gannon, H.H. Sgt. Midway, W.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. N-U Gunner Rear Gunner	20.04	03.44	Successful. Target BHELIN with one bomb load as for aircraft HD.327 above. No cloud over target but heavy smoke with markers in bombight. One burst seen among buildings. Pathfinder flares concentrated and two very large fires seen which lit up buildings.	287 408
27th/28th March	HALIFAX II DT.709	1/Lt. J. D. Sneider Sgt. Page, R.E. Sgt. Brown, A.W.A. 2/Sgt. Purdy, H.G. Sgt. Johnson, R.H. Sgt. Hills, J.A. 2/Sgt. Goodridge, W.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. N-U Gunner Rear Gunner	19.52	01.58	Unsuccessful. Target BHELIN with one bomb load as for aircraft HD.327 above. 10/10ths cloud, heavy smoke. Bomb dropped at 22.45N 00.30E at 22.15 hours from 17,000 ft. Aircraft returned early because of cloud but in port outer engine. Heavy and light flak seemed to be in a line along the route.	40 288 407
27th/28th March	HALIFAX II HD.323	1/Sgt. Gray, R.S. 2/Sgt. Hancock, G.O. 2/O E. J. McEneaney Sgt. Low, G.H. Sgt. Hill, G. Sgt. Hamrick, H.G. Sgt. Austin, R.S.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. N-U Gunner Rear Gunner	20.00	03.15	Successful. Target BHELIN with one bomb load as for aircraft HD.327 above. Target fairly clear apart from one bomb. Identified by markers and concentrated fires. Markers in bombight. Rear Gunner reported one large explosion as aircraft was leaving target area. Submarine flak accurate in height and position, encountered all way from Dutch Coast. Heavy flak to miles north of target area.	289 410
28th/29th March	HALIFAX II DT.615	1/O W. K. Kettle 2/O R. E. Blair 2/O A. E. Finchill Sgt. Gibson, G.S. Sgt. Kitchin, R.H. Sgt. Loughe, J.A. Sgt. Neville, R.D.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. N-U Gunner Rear Gunner	19.44	01.42	Successful. Target ST. MARAINE with 2 x 1,000-lb. H.L.B., 700 x 5-10, and 40 x 30-35. Incendiaries. Visibility good. Target identified by markers and visually by river. Markers in bombight but own results not observed. Heavy red flares burning all around aiming point. A very successful trip.	290 411
28th/29th March	HALIFAX II HD.327	1/O R. D. Boyd 2/Sgt. Williams, R.S. Sgt. Langley, G.S. Sgt. Bennett, J.H. Sgt. Hill, G.S. Sgt. Scott, G.A. Sgt. Agar, G.S.	Captain Navigator Bomb Aimer W/Op. A.G. Flight Eng. N-U Gunner Rear Gunner	19.45	01.17	Successful. Target ST. MARAINE with one bomb load as for aircraft HD.615 above. Visibility good. Water and clouds in bombight. Markers seen in bombight. Pathfinder markers were accurately placed and attack was very successful. Two large fires slightly west of aiming point and light flares east of aiming point. One big incendiary seen. Glow of fires visible 110 miles away on return journey.	412 291

FORM RECORD

OPERATIONS RECORD BOOK

APPENDIX "A"

R.A.F.
Form 541.

DETAIL OF WORK CARRIED OUT

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Page No. 27

(4772) Wt. 242291600. 1800g. 840. P.L. 81-7781.

FOR THE MONTH OF MARCH, 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
28th/29th March	HALIFAX II DE.616	Sgt. Johnson, F.S. P/Sgt. Morris, V.J. Sgt. Ross, R.E. Sgt. Humphreys, G. Sgt. Thornhill, R. Sgt. Thomas, J.H. Sgt. Hallie, L.A.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. N-U Gunner Rear Gunner	19.39	00.17	Unsuccessful. Target St. HAZARD with 1 x 1,000-lb. H.B., 1 x 1,000-lb. H.L.B., 510 x 4-lb. and 40 x 2-lb. incendiaries. This aircraft returned early to base as the starboard engine cut. Bombs jettisoned about 49 30'N 03 40'W.	#11 292
28th/29th March	HALIFAX II DE.323	Sgt. Bushnell, W.H. P/O R. V. Lowry Sgt. Reid, W.H. Sgt. Duggan, W.J.H. Sgt. Wilkinson, F.H. Sgt. Burton, A.H. Sgt. Bernard, W.L.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. N-U Gunner Rear Gunner	19.42	00.01	Unsuccessful. Target St. HAZARD with same bomb load as for aircraft DE.616 above. Visibility good over Channel and French Coast. Aircraft returned early on intercomms was U/S. Bombs jettisoned safe at 21.59 hours.	#13 293
28th/29th March	HALIFAX II DE.649	Sgt. Smallwood, G.E. Sgt. Conley, J.V. Sgt. Douglas, R.G. Sgt. Jones, S. Sgt. Allen, J.A. Sgt. Huxley, L.S. Sgt. Coombs, R.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. N-U Gunner Rear Gunner	19.44	02.08	Successful. Target St. HAZARD with 2 x 1,000-lb. H.B., 720 x 4-lb. and 40 x 2-lb. incendiaries. Very good visibility, no cloud. Target identified by markers and visually by river. Gun results not seen but large illumination in bay. After being caught in searchlight aircraft was turned over by a burst of flak. Bombs were either to explode, and Bomb Aimer baled out. Rear Gunner was on point of bailing out when Captain regained control at 7,000 feet. Only Bomb Aimer baled out.	#15 294
28th/29th March	HALIFAX II DE.672	P/O R. J. Dwyer P/O D. I. Black P/O G. I. Bush Sgt. Chubb, D.R.C. Sgt. Stewart, D.K. Sgt. Hill, R.H. Sgt. Gray, J.B.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. N-U Gunner Rear Gunner	19.45	01.46	Successful. Target St. HAZARD with same bomb load as for aircraft DE.616 above. Visibility good. A little high cloud. Target identified by markers and visually by searchlight. Gun results not observed. Fires were very well concentrated over target area.	#16 295
28th/29th March	HALIFAX II DE.861	Sgt. Harrison, F.S. Sgt. Morgan, A. Sgt. Paul, R.E.A. Sgt. Bony, R.H. Sgt. Foster, V.J. Sgt. Duff, R.G. Sgt. Morgan, R.A.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. N-U Gunner Rear Gunner	19.45	01.29	Successful. Target St. HAZARD with same bomb load as for aircraft DE.616 above. Good visibility. No cloud. Target identified by markers and visually by river. Markers in searchlight but gun results not observed. When aircraft entered a large concentration of red flares was burning in the middle of the markers.	#17 296
28th March	HALIFAX II	Sgt. Bostock, R.F. Sgt. Anley, D. Sgt. Milne, R.H. Sgt. Day, W.J.S. Sgt. Foster, G.S. Sgt. Golding, J.H. Sgt. Holwell, G.	Captain Navigator Bomb Aimer W/O p.A.G. Flight Eng. N-U Gunner Rear Gunner	19.40	-	Nothing was heard from this aircraft after it took off to attack St. HAZARD, and its failure to return must be presumed to be due to enemy action. The bomb load was the same as for aircraft DE.616 above.	#18 297

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
29th/30th March	HALIFAX II DE.664	P/Sgt. Palmer, J. Sgt. Adams, A. P/O E. Brown Sgt. Wood, E. Sgt. Simons, W. Sgt. Hatfield, R.E.L. Sgt. George, A.J.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-U Gunner Rear Gunner	21.43	05.03	Successful. Target HELLIN with 1 x 1,000-lb. T.D., 1 x 1,000-lb. H.B.D., 450 x 1-lb. and 40 x 30-lb. incendiaries. No cloud but much haze. Target identified by markers, which were in backlight. Our results not observed. Many small red fires fairly concentrated. Markers well placed and concentrated.	298 449
29th/30th March	HALIFAX II DE.672	P/O G.L. Macintosh P/O K.V. Harwood Sgt. Hancock, R.J.G. Sgt. Dawson, H.E. Sgt. Mulholland, R.E. Sgt. Peck, J.L. Sgt. Lennie, A.J.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-U Gunner Rear Gunner	21.35	00.01	Unsuccessful. Target HELLIN with 2 x 1,000-lb. T.D., 450 x 1-lb. and 40 x 30-lb. incendiaries. This aircraft encountered severe icing conditions and could not climb above 10,000 feet, so Captain decided to return to base. Bombs jettisoned.	299 420
29th/30th March	HALIFAX II DE.615	P/O W. H. Kettle P/O F. E. Hair P/O A. S. Winkill Sgt. Gibson, G.S. Sgt. Kitchin, H.R. Sgt. Lunge, G.A. Sgt. Stanley, P.E.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-U Gunner Rear Gunner	21.41	05.51	Successful. Target HELLIN with same bomb load as for aircraft DE.672 above. No cloud but considerable ground haze. Target identified by lake illuminated by flare and by markers. Bombs seen to explode in built-up area in concentration of markers. Many concentrated red fires seen when leaving target. An excellent attack with perfect marking of target.	300 421
29th/30th March	HALIFAX II DE.660	P/O I.P. Almonorth Sgt. Simpson, A. Sgt. Olden, J.K. Sgt. Logan, S.A. Sgt. Sibson, E. Sgt. Glavin, W. Sgt. Blood, B.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-U Gunner Rear Gunner	21.31	00.51	Unsuccessful. Target HELLIN with same bomb load as for aircraft DE.661 above. This aircraft encountered severe icing conditions between eight and ten thousand feet, which necessitated reducing height to clear controls. Captain decided to return to base. Bombs jettisoned.	72 301
29th/30th March	HALIFAX II DE.669	P/O F. S. Warden P/O P. Campbell P/O R. I. Shields Sgt. Widdoworth, H. Sgt. Norton, G.V. Sgt. Poole, S. Sgt. Whyte, D.G.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-U Gunner Rear Gunner	21.40	00.45	Successful. Target HELLIN with same bomb load as for aircraft DE.664 above. Aircraft encountered severe icing conditions. Controls started getting stiff at 10,000 feet and aircraft began losing height at the rate of 500 feet a minute. Captain therefore jettisoned bomb load and returned to base.	302 422
29th/30th March	HALIFAX II DE.669	Sgt. Harris, J.A. Sgt. Gurnell, L.R. P/O A. R. Halsey Sgt. Jones, R.E. Sgt. Turner, L.R. P/O A. R. Halsey Sgt. Hay, D.C.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. N-U Gunner Rear Gunner	21.35	00.29	Unsuccessful. Target HELLIN with same bomb load as for aircraft DE.672 above. This aircraft also turned back owing to icing conditions which started about 7,000 feet. Bombs jettisoned.	303 423

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OPERATIONS RECORD BOOK

APPENDIX 5A

R.A.F.
FORM 541.

DETAIL OF WORK CARRIED OUT

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

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PAGE No. 28

(2472) Wt. 2422/1450. H.M.S. 844. P.L. 81-7281.

FOR THE MONTH OF MARCH, 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
29th/30th March	HALIFAX II HM.383	1/Lt. R.H.S. Clark 2/Sgt. Williams, R.J. 3/O L. G. Dawson Sgt. Johnson, F. Sgt. Lee, V. Sgt. Chapman, J.H. 2/Flight-Engineer, J.A.L.	Captain Navigator Bomb Aimer W/O P.A.S. Flight Eng. H-U Gunner Rear Gunner	21.35	05.40	Successful. Target BUNNIV with 4 x 1,000-lb. H.B., 4 x 1,000-lb. H.L.B., 450 x 4-lb. and 40 x 2-lb. bombs. No cloud, ground base. Target identified by searchlights which were in daylight. Bomb seen near runway. Landing was rather unsmooth. About 45 good fires were seen burning and the glow was visible 100 miles away.	304 425
29th/30th March	HALIFAX II HM.347	2/Sgt. Goddard, R.G. 2/Sgt. Johnson, R. 2/Sgt. Houston, H.H. Sgt. Davis, L.L.J. Sgt. Jay, L.H. Sgt. Williams, J.J. 2/Sgt. Grant, R.E.	Captain Navigator Bomb Aimer W/O P.A.S. Flight Eng. H-U Gunner Rear Gunner	21.35	05.40	Successful. Target BUNNIV with same bomb load as for aircraft HM.383 above. No cloud but considerable ground base. Target identified by searchlights and by lights illuminated by flares. One bomb seen to burst in south-east of BUNNIV and incendiaries also seen to burst. Over 100 fires seen, including several large ones. Glow of fires visible 100 miles away. Whole of target was burning well and attack seemed even more successful than the previous one.	12 305
						J. White H.S. OFFICER COMMANDING No. 419 (R.C.A.F.) SQUADRON	

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