

# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

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

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PAGE No. 39

(9211) Wk 9211-25 60,000 3167 T.S. 700  
(9211) Wk 9211-2545 1024 2547 T.S. 700

FOR THE MONTH OF MAY 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
4th/5th May	HALIFAX II W.7917	P/O G.J. Vaillassant P/O R. Grimshaw Sgt. Douglas, R.W. Sgt. Macrihan, A.S. Sgt. Ferriss, J. Sgt. Posh, G.R. Sgt. Stanley, F.T.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	23.01	-	Target DOWNED with 2 x 1,000-lb., M.C., 630 x 4-lb. and 48 x 50-lb. Anomalous. Nothing further was heard from this aircraft after take-off, and its failure to return is presumed to be due to enemy action.	A-420
4th/5th May	HALIFAX II JB.742	Sgt. Johnson, P.S. Sgt. Johnson, E. Sgt. Potts, T.V. Sgt. Humphreys, G. Sgt. Thornhill, E. Sgt. White, D.J. Sgt. Armstrong, R.L.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.50	04.35	Target DOWNED with bomb load as above. Good visibility in target area. No cloud, some haze. Target identified by red and green T.I. Target in bombight and debris seen coming up. Several small flak holes in aircraft.	A-421
4th/5th May	HALIFAX II JB.864	P/Sgt. Palmer, J. Sgt. Walsh, E. P/O T. Brown Sgt. Hardy, R. Sgt. Simmott, V.A. P/Sgt. Adams, G.E. Sgt. Gearing, A.J.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.45	03.7	Target DOWNED with bomb load as above. Good visibility. Some haze. Bombed on red T.I. Large fires were seen concentrated in target area.	A-422
4th/5th May	HALIFAX II JB.879	P/O J.D. Dickson P/O E.H. Hutchinson Sgt. Macrie, A.G. Sgt. Wright, T.F. Sgt. Allen, J.G. Sgt. Miller, J.A. Sgt. Posh, J.A.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.39	03.28	Target DOWNED with bomb load as above. Good visibility, no cloud. Target identified by green and red T.I. Green T.I. in bombight. No results seen. Bombs were well concentrated. Many small fires and one large orange fire in centre of concentration.	A-423
4th/5th May	HALIFAX II DE.646	P/O W.E. Keadie P.S. Hair P/O A.S. Winchill Sgt. Quinn, G.S. Sgt. Kitchen, R.E. Sgt. Burt, J.A. Sgt. Long, J.A.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.39	03.54	Target DOWNED with bomb load as above. No cloud, visibility good. Target identified by green T.I. Target in bombight. Big explosion seen after releasing bombs. Intensive fires in target area and one large explosion seen.	A-424
4th/5th May	HALIFAX II DE.672	Sgt. Coulson, G.H. P/O W.E. Humber Sgt. Hayes, W.E. Sgt. Norman, J.A. Sgt. Booth, R.A. Sgt. Child, F. Sgt. Barnes, W.H.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.57	04.35	Target DOWNED with bomb load as above. No cloud, visibility good. Target identified by red and green T.I. Target in bombight. Results not seen. Attack fairly concentrated. Glow of fires seen when aircraft was crossing coast.	A-425

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
4th/5th May	HALIFAX II JB-900	P/O R.F. Hester P/O J.R. Hart P/Sgt. Youngblood, S.E. Sgt. Tomkins, G.V. Sgt. Rippon, E. Sgt. Harrison, S.H. P/Sgt. Hall, O.H.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22.36	03.18	Target DOWNED with 2 x 1,000-lb., 630 x 4-lb. and 14 x 30-lb. incendiaries. Visibility very good, no cloud. Target in bombight. Own bursts not distinguishable among many others. Many large fires blazing and one building seen.	A-426
4th/5th May	HALIFAX II JB-929	Sgt. Harrison, S.H. P/Sgt. Patrick, G. Sgt. Prov. R.F.A. Sgt. Snow, R.W. Sgt. Young, E. Sgt. Duff, J.G. Sgt. Higgins, R.A.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22.25	04.29	Target DOWNED with bomb load as above. No cloud and no moon. Rather smoky. Bombed on ground S.E. Large explosion seen and concentration of fires round S.E. markers.	A-427
4th/5th May	HALIFAX II JB-669	P/O R.C. Neeson P/O R. Campbell P/O R.L. Shields Sgt. Wigham, M. Sgt. Neeson, G.H. Sgt. Fooks, E. Sgt. Hilder, R.G.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22.52	03.46	Target DOWNED with bomb load as above. Smoke haze over target. Attention good visibility. Target identified as P.F.F. markers. Bombed on concentration of red S.E. Large concentration of fires and explosions seen.	A-428
4th/5th May	HALIFAX II JB-383	P/Sgt. Gray, M.E. P/Sgt. Hancock, G.O. P/O R. McLeod Sgt. Lee, G.H. Sgt. Wiley, G. P/Sgt. Russell, M.S. P/O R. Harding	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22.55	04.01	Target DOWNED with bomb load as above. No cloud, visibility good. Dense smoke over target. Green S.E. in bombight. Bursts seen. Tremendous large fires and two huge explosions seen. Target well defined.	A-429
4th/5th May	HALIFAX II JB-689	W/Opt. H.M. Fleming P/O G.H. Parker P/Sgt. McLean, G.B. P/O A.P. Smith Sgt. Hall, R.G. P/O R.L. Knyon Sgt. Clark, G.F.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22.55	03.25	Target DOWNED with bomb load as above. Visibility excellent. Target identified by red and green S.E. Target in bombight. Impossible to distinguish own bomb bursts among so many others. Attack concentrated.	A-430
4th/5th May	HALIFAX II W.769	P/O J.E.E. Taylor P/Sgt. Cook, E.B. Sgt. Moore, H.A. Sgt. Brown, R.A. Sgt. Riley, E.G. Sgt. Schell, J.L.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22.49	04.20	Target DOWNED with bomb load as above. Target identified by red markers and fires. Target not in bombight. Aircraft was on the outskirts owing to being late. Both explosions seen. One colossal explosion seen to south-east of target.	A-431

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A.F. FORM 541

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

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PAGE No. 40

(7531) W. 915-56 60,000 244 T.S. 790

FOR THE MONTH OF MEY 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
4th/5th May	HALIFAX II 22-726	1/1st J.D. Miller Cpt. Pope, R.N. 2/2nd J.C. Jones, A.S.A. 3/3rd J.A. Jones 4/4th J.C. Jones, R.N. 5/5th J.C. Jones, R.N.	Captain Navigator Bomb Altnr 1/Op.A.S. 2/Op.A.S. 3rd Gunner Rear Gunner	22.57	03.42	Target DOWNED with 2 x 4,000-lb., 600 x 4-lb. and 40 x 30-lb. incendiaries. Visibility good. No cloud cover and red S.L. seen. Target in bombight but no results seen. Target well lit.	A-432
4th/5th May	HALIFAX II 22-689	Cpt. Mitchell, J. 1/1st R.C. Murray 2/2nd J.C. Jones, R.N. 3/3rd J.C. Jones, A.S.A. 4/4th J.C. Jones, R.N. 5/5th J.C. Jones, R.N.	Captain Navigator Bomb Altnr 1/Op.A.S. 2/Op.A.S. 3rd Gunner Rear Gunner	23.00	03.45	Target DOWNED with bomb load as above. Bomb load rather low dumped when aircraft was hit by 20-lb. and 30-lb. incendiaries to rear from 25-30-0-04-10-0. Bomb load good.	A-433
4th/5th May	HALIFAX II 22-945	1/1st J.D. Williams 2/2nd J.C. Jones, R.N. 3/3rd J.C. Jones, A.S.A. 4/4th J.C. Jones, R.N. 5/5th J.C. Jones, R.N.	Captain Navigator Bomb Altnr 1/Op.A.S. 2/Op.A.S. 3rd Gunner Rear Gunner	22.58	04.07	Target DOWNED with bomb load as above. No cloud. Visibility good apart from smoke over target area. Red and green S.L. seen. Dashed on red S.L. Several large explosions seen.	A-434
4th/5th May	HALIFAX II 22-791	1/1st J.D. Williams, C.A. 2/2nd R. Jones, R.N. 3/3rd J.C. Jones, R.N. 4/4th J.C. Jones, R.N. 5/5th J.C. Jones, R.N.	Captain Navigator Bomb Altnr 1/Op.A.S. 2/Op.A.S. 3rd Gunner Rear Gunner	22.57	03.50	Target DOWNED with bomb load as above. No cloud, visibility good. Slight haze over target. Red and green S.L. seen. Dashed on red. Gun results not seen. 27 good flares and about 20 smaller ones seen.	A-435
4th/5th May	HALIFAX II 22-756	1/1st J.D. Williams 2/2nd R.C. Murray 3/3rd J.C. Jones, R.N. 4/4th J.C. Jones, A.S.A. 5/5th J.C. Jones, R.N.	Captain Navigator Bomb Altnr 1/Op.A.S. 2/Op.A.S. 3rd Gunner Rear Gunner	22.51	-	Target DOWNED with bomb load as above. Nothing further was heard from this aircraft after take-off, and its failure to return to base is presumed to be due to enemy action.	A-435
4th/5th May	HALIFAX II 22-113	Cpt. Mitchell, J. 1/1st R.C. Murray 2/2nd J.C. Jones, R.N. 3/3rd J.C. Jones, A.S.A. 4/4th J.C. Jones, R.N. 5/5th J.C. Jones, R.N.	Captain Navigator Bomb Altnr 1/Op.A.S. 2/Op.A.S. 3rd Gunner Rear Gunner	22.56	04.42	Target DOWNED with bomb load as above. Good visibility. Smoke haze over target area. Red and green S.L. seen. Dashed on green. One bomb burst believed seen. Saw the large explosions over target area. Flares scattered in northern part of target. Burning well when aircraft left target area.	A-437

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
12th/13th May	HALIFAX II 28-643	W/O G.J. Evans W/O G.L. Black W/O G.L. Black Sgt. Gumbert, R.N.C. Sgt. Stewart, R.N. Sgt. Hill, R.N. Sgt. Gray, S.S.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. Sgt Gunner Rear Gunner	23.25	04.46	Target HUNTERS with 2 x 1,000-lb. G.P.E.B.C. 025; 40 x 1-lb. and 40 x 30-lb. incendiaries. No cloud but visibility poor owing to haze. No ground detail visible. Bombed on given T.I. markers which were in haze. Large explosion seen 30 seconds after release of bombs. Large number of incendiaries but no effective ones. Heavy flak in hazy haze.	A-438
12th/13th May	HALIFAX II 28-629	Sgt. Johnson, P.S. Sgt. Heston, R.N. Sgt. Potts, W.S. Sgt. Walker, W.S. Sgt. Durrant, R. Sgt. Smith, R.S. Sgt. Armstrong, R.S.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. Sgt Gunner Rear Gunner	23.22	04.42	Target HUNTERS with bomb load as above. Returned early from position 53 40'N 01 30'W at 04.51 hours due to breaking of all windows in aircraft and landing fuel tank of aircraft. Wgt 25,000 lbs. Bombs jettisoned in haze.	A-439
12th/13th May	HALIFAX II 28-564 RAF RAF	W/Ogt. Palmer, J. W/Ogt. Cook, R.J. W/O G. Brown Sgt. Waddy, R.C. Sgt. Gilmartin, R.A. Sgt. Hobbins, R.S.L. Sgt. Gooding, A.S.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. Sgt Gunner Rear Gunner	23.34		Target HUNTERS with bomb load as above. Nothing further was heard from this aircraft after take-off, and its failure to return is presumed to be due to enemy action.	A-440
12th/13th May	HALIFAX II 28-576	W/O G.N. Kiddle W/O G.A. Blair W/O A.G. Davidson Sgt. Gibson, G.S. Sgt. Kitchin, R.S. Sgt. Hume, G.A. Sgt. Leung, J.A.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. Sgt Gunner Rear Gunner	23.23	04.32	Target HUNTERS with bomb load as above. No cloud good visibility. Bombed on given T.I. markers, which were in centre of haze. Bombs seen in centre of concentration. Good flares seen to be taking hold. At 02.17 hours terrific explosion seen which produced a huge orange-red glow, which lit up aircraft at 15,000 feet. At 02.22 hours a second large explosion occurred but not so great as the first. Flare visible 100 miles away.	A-441
12th/13th May	HALIFAX II 28-629	W/O G.N. Dickson W/O G.S. Davidson Sgt. Hume, A.S. Sgt. Wright, S.S. Sgt. Allen, G.O. W/Ogt. Brown, W.S. Sgt. Hume, S.S.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. Sgt Gunner Rear Gunner	23.16	04.29	Target HUNTERS with bomb load as above. Visibility clear, no cloud, but at one time target was completely obscured by haze. Bombs on T.I. markers; results not observed. One terrific explosion seen at 02.17 hours which lit up the aircraft. Many flares seen.	A-442
12th/13th May	HALIFAX II 28-529	Sgt. Hamilton, R.S. Sgt. Lufford, W.S. Sgt. Park, R.S.A. Sgt. Gray, R.S. Sgt. Graham, G.S. Sgt. Day, J.S. Sgt. Morgan, R.A.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. Sgt Gunner Rear Gunner	23.25	04.32	Target HUNTERS with bomb load as above. No cloud slight haze, visibility good. No ground detail seen. Given T.I. in haze at release. Large explosion seen at 02.16 hours, accompanied by thick black smoke and dark red flares. Aircraft damaged by flak. Rear turret W/S; both and flammable wall hit on both sides, and part inner aircraft holes.	A-443

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 341

DETAIL OF WORK CARRIED OUT

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Page No. 41

(2211) WL 921-24 60,000 214 T.S. 700  
(2212-2213) WL 921-242 2204 2144 T.S. 700

FOR THE MONTH OF MAY 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
12th/13th May	HALIFAX II JD, 306	W/O G.E. Macintosh W/O R.V. Hancock Sgt. Hancock, R.J.G. Sgt. Dawson, R.E. Sgt. Jay, W.E. Sgt. Mann, R.W. W/O R.L. Noble	Captain Navigator Bomb Aimer W/O.A.G. Flight Eng. 2nd Gunner Rear Gunner	23.15	08.45	Target <b>ROSEN</b> with 2 x 1,000-lb., 630 x 4-lb. and 16 x 30-lb. incendiaries. Visibility clear, no cloud, some haze. Red and green markers in haze. No results seen. One large explosion seen at 02.19 hours which lit up the mine clearly. One large and many smaller fires seen burning.	A-444
12th/13th May	HALIFAX II JD, 114	Sgt. Macintosh, J. W/O G.J.M. Harvey Sgt. Henry, R.H. Sgt. Brown, A.B. Sgt. Buchanan, R.E. Sgt. McKenzie, J.S. Sgt. Doe, R.H.	Captain Navigator Bomb Aimer W/O.A.G. Flight Eng. 2nd Gunner Rear Gunner	23.17	02.14	Target <b>ROSEN</b> with bomb load as above. Returned early from 55,137M 02 50M due to cold front on track. Height 25,000 feet which was considered too high to attack over. Bomb load jettisoned.	A-445
12/13th May	HALIFAX II JD, 303	W/O G.W. Gray, W.E. W/O G.W. Hancock, G.O. W/O R.J. Mitchell Sgt. Row, G.H. Sgt. Wilby, G. W/O G. Brunck, R.E. W/O G. Brunck, J.A.H.	Captain Navigator Bomb Aimer W/O.A.G. Flight Eng. 2nd Gunner Rear Gunner	23.20	04.39	Target <b>ROSEN</b> with bomb load as above. No cloud but considerable haze and smoke. Bombs seen to explode in centre of concentration of markers. Many fires seen, the concentration being particularly large. One large explosion observed at 02.18 hours. Target area heavily defended with heavy flak.	A-446
12th/13th May	HALIFAX II JD, 791	W/O McEllen, R.A. Sgt. Klein, W.J. W/O R. Brown Sgt. Allen, W.H.A. Sgt. Smith, W.E. W/O A.R. Bellone Sgt. Ross, R.E.	Captain Navigator Bomb Aimer W/O.A.G. Flight Eng. 2nd Gunner Rear Gunner	23.48	04.48	Target <b>ROSEN</b> with bomb load as above. Nothing further was heard from this aircraft after take-off, and the failure to return to base is presumed to be due to enemy action.	A-447
12th/13th May	HALIFAX II JD, 413	W/O R.J. Dwyer W/O G.L. Mack W/O G.L. Mack Sgt. Gumbour, R.E.C. Sgt. Stewart, R.H. Sgt. Hill, R.E. Sgt. Gray, J.D.	Captain Navigator Bomb Aimer W/O.A.G. Flight Eng. 2nd Gunner Rear Gunner	23.46	05.36	Target <b>ROSEN</b> with bomb load as above. Visibility clear, no clouds or haze. Bombed on green S.I. markers. No results seen. Defences to the south of the mine very strong. Searchlights were everywhere.	A-448
12th/14th May	HALIFAX II JD, 905	Sgt. Schann, P.S. Sgt. Heston, R.H. Sgt. Potts, R.H. Sgt. Rutherford, G. Sgt. Russell, R. Sgt. Smith, R.S. Sgt. Armstrong, R.L.	Captain Navigator Bomb Aimer W/O.A.G. Flight Eng. 2nd Gunner Rear Gunner	23.42	05.53	Target <b>ROSEN</b> with bomb load as above. Bombed on red S.I. markers. Good fires burning in target area. Bombs seen burning. Fighters were operating in markers throughout the mine area. Searchlights and flak were operating together.	A-449

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
13th/14th May	HALIFAX II DH.67E	Sgt. Adams, G. P/O. B.H. Rabe Sgt. Bowden, R. W. H. Sgt. KENNEDY, W. E. Sgt. Neal, F. B. Sgt. Hamilton, W. J. Sgt. Johnson, L. H.	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. 2nd Gunner Rear Gunner	23.44	-	Target BOCHUM with 2 x 1,000-lb., 630 x 4-lb. and 48 x 30-lb. incendiaries. Nothing further was heard from this aircraft after take-off, and its failure to return to base is presumed to be due to enemy action.	A-450
13th/14th May	HALIFAX II JB.900	P/O. K.W. Colledge Sgt. Smalls, A. E. P/O. Ruffell, S. V. P/O. H. A. Sims Sgt. Yates, J. F. W. Sgt. Taylor, H. A. P/O. J. H. Stewart	Captain Navigator Bomb Aimer W/Opt. A. G. Flight Eng. 2nd Gunner Rear Gunner	23.39	04.57	Target BOCHUM with bomb load as above. Reached 53 04'N 00 25'W at 00.3 hours. Height 12,000 feet. Decided to abandon operation. Bombs jettisoned - auto. Compass recorder units U/S on take-off.	A-451
13th/14th May	HALIFAX II DH.57E	P/O. W. H. Kiddle P/O. F. S. Rade P/O. A. S. Winstanley Sgt. Adams, W. H. Sgt. Hume, R. A. Sgt. Lammie, J. A.	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. 2nd Gunner Rear Gunner	23.35	05.09	Target BOCHUM with bomb load as above. Bombed on green markers. Incendiaries were seen scattered to south of target, and some concentrated on sinking point. Attack not considered to be as good as last previous raid. An intense but of incendiaries dropped short of the W. I. markers, and a considerable number of the bombs fell within the target area. Defences very strong, particularly in southern hills.	A-452
13th/14th May	HALIFAX II DH.616	P/O. J. D. Robinson P/O. R. B. Hutchinson Sgt. Harris, A. G. Sgt. Wright, E. J. Sgt. Allen, J. E. P/O. R. B. Smith, W. G. Sgt. Wain, J. A.	Captain Navigator Bomb Aimer W/Opt. A. G. Flight Eng. 2nd Gunner Rear Gunner	23.32	05.07	Target BOCHUM with bomb load as above. No cloud sight seen. Bombed on green markers. One very good fire seen above red marker went down. Fires quite well concentrated. Built up area seen in light of camera flash. Searchlights covered a large area but were mainly ineffective. Flak intense over target area.	A-453
13th/14th May	HALIFAX II DH.584	P/O. G. E. MacIntosh P/O. K. V. Finlayson Sgt. Hancock, E. J. G. Sgt. Robinson, R. E. Sgt. Jay, W. E. Sgt. Macdonald, J. H. P/O. W. J. Kiddle	Captain Navigator Bomb Aimer W/Opt. G. Flight Eng. 2nd Gunner Rear Gunner	23.37	05.15	Target BOCHUM with bomb load as above. No cloud but some ground haze or smoke. Bombed on green W. I. markers. No results observed. One large and several smaller fires seen. Heavy defences encountered on way in.	A-454
13th/14th May	HALIFAX II DH.639	Sgt. Gordon, S. E. P/O. K. A. Hargry Sgt. Brown, R. E. Sgt. Brown, J. A. Sgt. Smith, E. A. Sgt. Child, P. G. Sgt. Brown, W. E.	Captain Navigator Bomb Aimer W/Opt. A. G. Flight Eng. 2nd Gunner Rear Gunner	23.38	05.56	Target BOCHUM with bomb load as above. Bombs jettisoned 51 00'N 05 30'W. Unable to get to target in time.	A-455

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A.F. FORM 541.

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Page No. **42**

(2211) Wt. 200-25 60,000 312 T.S. 700  
(1204) (2211) Wt. 2021-2345 1008 1242 T.S. 700

FOR THE MONTH OF **MAY** 19**43**

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
13th/14th May	HALIFAX II JD-114	Sgt. McIntosh, J. Sgt. Foley, J.C.G. Sgt. Kenny, R.M. Sgt. Brown, A.B. Sgt. McMillan, H.B. Sgt. McNamee, J.S. Sgt. Dox, K.E.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	23.41	05.34	Target BOHEM with 2 x 1,000-lb., 630 x 4-lb. and 48 x 30-lb. incendiaries. No cloud, ground haze, visibility good. When near target area encountered a twin-engine enemy fighter. As a result of the evasive action taken, BOHEM was not attacked, and aircraft bombed a defended area near BOHEM.	A-456
13th/14th May	HALIFAX II JB-353	P/O J.E.R. Sykes P/Sgt. Cook, W.E. Sgt. McLean, H.A.B. Sgt. Wilson, R.G. Sgt. Brown, A.G. Sgt. Ridley, A.G. Sgt. Somers, J.A.E.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	23.45	05.27	Target BOHEM with bomb load as above. Visibility good. Ground detail seen. Bombed just short of red P.P.T. Three large fires seen in target area, with smoke rising 20,000 feet. Incendiaries scattered south of target. 1 x 1,000-lb. bomb hung up and had to be released manually when over the sea. Aircraft sustained some damage from flak.	A-457
13th/14th May	HALIFAX II V. 7069	P/O A.H. Quille P/O L.E. Appinall P/O G.E. Graham Sgt. Mitchell, F. Sgt. Martin, L.F. P/O R.G. Gray P/O H.F. Smith	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	23.43	05.46	Target BOHEM with bomb load as above. No cloud but haze, probably due to smoke. No S.E. section seen so bombed middle of concentration of fires. BOHEM appeared to be a mass of orange coloured fires. One large column of smoke seen rising to 40,000 feet. Aircraft sustained minor damage from flak, which was very heavy in target area.	A-458
13th/14th May	HALIFAX II BE-770	P/O J.D. Seider Sgt. Pope, R.H. Sgt. Burns, J.A.E. P/O H.G. Rice Sgt. Johnson, J.H. Sgt. Cook, R.J. Sgt. Martin, R.E.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	23.53	05.05	Target BOHEM with bomb load as above. Visibility clear. No cloud but very haze. Bombed on marker flares. One large explosion seen at 04.52 hours, which lit up whole target area. A few small fires and lots of smoke in target area. Defences on way in very strong.	A-459
13th/14th May	HALIFAX II JB-862	Sgt. Green, A.E. P/O R. Kerby Sgt. Brooker, A.J. Sgt. Morrison, H.A. Sgt. Dunn, F.A. P/Sgt. Lewis, A.E. Sgt. Godding, G.E.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	23.54	05.12	Target BOHEM with bomb load as above. Visibility fairly good. Slight haze or patches of cloud at 4,000 ft. Bombed on green markers. Both bursts seen. Large red fires, fairly scattered but well under way. Dense black smoke seen coming from east side of target as aircraft left.	A-460
13th/14th May	HALIFAX II JB-955	P/O J.D. Pattison P/Sgt. Williams, L.J. P/O L.G. Dunne Sgt. Jackson, F. Sgt. Lee, F. Sgt. Thompson, J. P/Sgt. Smith, H.A.L.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	23.31	05.23	Target BOHEM with bomb load as above. Visibility good. No cloud, slight haze. Bombed on green markers. Very low bursts seen. Incendiaries well concentrated. One large explosion seen at 05.25 hours, just prior to bombing. Many incendiaries in target area, well concentrated.	A-461

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
13th/14th May	HALIFAX II JD-443	Sgt. Buchanan, W.E.S. P/O R.V. Lewis Sgt. Reid, W.E. Sgt. Rogers, W.E.S. Sgt. Vallentine, R.E. Sgt. Hartopp, A.E. Sgt. Reynolds, V.L.	Captain D/P Navigator P/W Bomb Aimer P/W W/Opt.A.G. P/W Flight Eng. D/D 2nd Gunner D/D Rear Gunner D/D	23-57	+	Target DOWNED with 2 x 1,000-lb., 630 x 4-lb. and 48 x 30-lb. incendiaries. Nothing further was heard from this aircraft after take-off, and its failure to return to base is presumed to be due to enemy action.	A-462
23rd/24th May	HALIFAX II JD-443	P/O W.J. Byrne P/O D.L. Black P/O G.I. Cook Sgt. Chambers, D.E.S. Sgt. Stewart, R.E. Sgt. Hall, R.E. Sgt. Gray, J.C.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22-58	04-29	Successful. Target DOWNED with 2 x 1,000-lb., 630 x 4-lb. and 48 x 30-lb. incendiaries. No cloud. Some haze and lots of black smoke. Red P.T. markers and built-up area seen in glow of fire. Target area well carpeted with incendiaries. Three fires seen, one of them particularly large. Results of own bombing not observed.	A-463
23rd/24th May	HALIFAX II JD-805	Sgt. Johnson, F.E. Sgt. Mohr, R.E. Sgt. Poole, E.V. Sgt. Hougham, G. Sgt. Thornhill, R. Sgt. Skittin, R.J. Sgt. Armstrong, E.L.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22-44	02-32	Unsuccessful. Target DOWNED with bomb load as above. Returned early from 52 10'N 04 30'W. No. 2. heard fuel tank was found to be W/S. Bomb load estimated from 47,000 feet at 04.45 hours, position 52 30'N 04 50'W.	A-464
23rd/24th May	HALIFAX II JD-447	P/O G.E. Harris P/O G.E. Johnson, R. P/O J.R. Alexander Sgt. Lee, W.V. Sgt. Goodson, G.H. Sgt. McKinn, R.H. P/O G. Lewis, A.H.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22-45	04-07	Successful. Target DOWNED with bomb load as above. Visibility clear, no haze. Bombed on red and green P.T. markers. Slight delay in bombing caused by bomb doors sticking but bombs fell in target area. No results observed. Many fires seen, though said was only just starting.	A-465
23rd/24th May	HALIFAX II JD-458	P/O G.E. Macintosh P/O E.V. Macdonald Sgt. Brown, R.F.G. Sgt. Douglas, F.H. Sgt. Jay, W.H. Sgt. Lewis, A.F. P/O W.L. Noble	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	22-57	02-02	Unsuccessful. Target DOWNED with bomb load as above. Returned early from 52 52'N 04 30'W with interest. W/S. Bomb load estimated live at 52 52'N 04 30'W from 48,000 feet at 04.34 hours.	A-466
23rd/24th May	HALIFAX II JD-900	P/O R.F. Harkin P/O E.E. Hart P/O J. Young, R.E. Sgt. Tomkins, G.V. Sgt. Rogers, R. Sgt. Morrison, R.E. P/O G. Hall, G.E.	Captain Navigator Bomb Aimer W/Opt.A.G. Flight Eng. 2nd Gunner Rear Gunner	23-05	02-45	Successful. Target DOWNED with bomb load as above. Visibility poor. No cloud, slight ground haze. Bombed on red P.T. markers. Results not observed. Tall chimney seen illuminated by a fire. H.E. and incendiaries all concentrated.	A-467

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# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 412 (R.C.A.F.) SQUADRON

**SECRET**

PAGE No. 43

(9211) Wt. 9400 60,000 544 T.S. 700  
(9212-9213) Wt. 2511-2512 500 1144 T.S. 700

FOR THE MONTH OF MAY 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
23rd/24th May	HALIFAX II BR. 376	P/O W.H. Kiddle P/O M.R. Lillie P/O P.S. Blair P/Sgt. Gervase Chapman Sgt. Coburn, G.B. Sgt. Kitchin, E.E. Sgt. Brown, E.A. Sgt. Isaacs, J.A.	Captain 2nd Pilot Navigator Bomb Aimer W/Opt. A.G. Flight Eng. 2nd Gunner Rear Gunner	22.59	04.11	Successful. Target DORND with 2 x 1,000-lb., 50 x 1-lb. and 18 x 50-lb. incendiaries. Bombed on concentration of I.L. markers. No results observed. One large explosion, accompanied by an orange flame, which appeared to be about 1/2 mile west of concentration of fires. 20 red fires counted, not including scattered ones on outskirts of target area.	A-469
23rd/24th May	HALIFAX II DE. 616	P/Lt. W.W. Colledge P/Sgt. Kerstiff, J.V. P/O R.A. Sims Sgt. Yates, J.E.W. Sgt. Taylor, K.A. P/O J.H. Stewart	Captain Navigator Bomb Aimer W/Opt. A.G. Flight Eng. 2nd Gunner Rear Gunner	23.03	04.18	Successful. Target DORND with bomb load as above. Visibility excellent. Bombed on red I.L. markers but too many bursts to identify own. Fires well concentrated over aiming point. Bombs seen bursting well all round P.E.F. markers. Not much searchlight concentration to east or DORND but many aircraft caught in beam to the west of the town.	A-469
23rd/24th May	HALIFAX II JD. 163	W/Opt. M.H. Fleming P/O G.H. Williams P/O G.H. Parker P/Sgt. McLean, O.D. P/O J.P. Smith Sgt. Hall, R.G. P/O H.W. Gray Sgt. Clark, A.F.	Captain 2nd Pilot Navigator Bomb Aimer W/Opt. A.G. Flight Eng. 2nd Gunner Rear Gunner	22.16	03.38	Successful. Target DORND with bomb load as above. Visibility good. Target identified by red and green I.L. markers. Appeared to be a definite band of incendiaries backward to north of markers from aiming point. Concentration at 01.07 did not seem too good. Route in seemed a bit too quick. Very little flak and on the way out not a shot fired.	A-470
23rd/24th May	HALIFAX II JD. 114	Sgt. Holbrook, J.E. P/O G.J.M. Harvey Sgt. Kemp, R.H. Sgt. Brown, A.D. Sgt. Williams, E.E. Sgt. Williams, J.F. Sgt. Day, E.H.	Captain Navigator Bomb Aimer W/Opt. A.G. Flight Eng. 2nd Gunner Rear Gunner	23.02	03.59	Successful. Target DORND with bomb load as above. Visibility good, no cloud. Bombed position between two green markers but own bursts not distinguishable among many others. Four large fires seen and many others starting, well concentrated all over aiming point. 18 aircraft thought to be down, seen glow from over hills at 03.00 hours, 5,000 feet.	A-471
23rd/24th May	HALIFAX II DE. 798	P/O J.V.E. Tyler P/Sgt. Cook, W.E. Sgt. McLean, E.A.H. Sgt. Vickers, E.A. Sgt. Brown, E.G. Sgt. Hilday, E. Sgt. Smith, J.A.H.	Captain Navigator Bomb Aimer W/Opt. A.G. Flight Eng. 2nd Gunner Rear Gunner	23.04	04.15	Successful. Target DORND with bomb load as above. Visibility good. No cloud, slight haze. Bombed on red and green I.L. markers. One large explosion seen. I.L. and incendiaries well concentrated. Route good. I.L. markers well concentrated. Defences did not appear to be so effective.	A-472
23rd/24th May	HALIFAX II BR. 862 R.A.F. R.A.F.	Sgt. Green, A.S. P/O D. Garby Sgt. Brockway, L.S. Sgt. Harrison, H.A. Sgt. Day, E.H. Sgt. Brown, J.E.S. Sgt. Cowling, G.R.	Captain Navigator Bomb Aimer W/Opt. A.G. Flight Eng. 2nd Gunner Rear Gunner	23.06	-	This aircraft took off to attack DORND with bomb load as above. Nothing further was heard from it after take-off, and its failure to return is presumed to be due to enemy action.	A-473

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
23rd/24th May	HALIFAX II JD-965	S/Ldr. J.D. Pattison Sgt. Purdy, R.J. F/Sgt. Williams, R.J. F/O L.G. Duncan Sgt. Jackson, P. Sgt. Lee, V. Sgt. Thompson, J. F/Sgt. Brunet, J.L.L.	Captain 2nd Pilot Navigator Bomb Aimer W/O, A.G. Flight Eng. 2nd Gunner Rear Gunner	22.41	04.08	Successful. Target DORMUND with 2 x 1,000-lb., 630 x 1-lb. and 48 x 50-lb. incendiaries. No cloud but rather haze. Bombed on red markers. No results observed. Three big fires seen and numerous bombs seen to burst. Some incendiaries seen short of target area. Route good. Considerable heavy flak seen coming from DORMUND on way into target area. About 50 seconds after start of run flak completely ceased and all seemed to be reasonably quiet.	A-475
23rd/24th May	HALIFAX II DP-609	Sgt. Eickman, R.D. Sgt. Taylor, R.A. Sgt. Whitaker, R.E. Sgt. Callaghan, R.F. Sgt. Hamilton, R.J. Sgt. Humber, J.L. Sgt. Gray, D.L.	Captain Navigator Bomb Aimer W/O, A.G. Flight Eng. 2nd Gunner Rear Gunner	22.52	04.25	Successful. Target DORMUND with bomb load as above. No cloud, ground haze, visibility poor. Bombed on green E.L. markers. Several bursts seen. 1 large and several smaller fires seen. Good concentration of fires on target. Route good.	A-475
23rd/24th May	HALIFAX II MB-373	F/O R.A.H. Bell Sgt. Wainwright, F. F/Sgt. White, W.L. F/Sgt. Williston, R.D. Sgt. Aronson, S.B. Sgt. Taylor, W.B. Sgt. Graham, J.F. F/Sgt. Atkin, G.E.	Captain 2nd Pilot Navigator Bomb Aimer W/O, A.G. Flight Eng. 2nd Gunner Rear Gunner	22.51	03.21	Successful. Target DORMUND with bomb load as above. Visibility good. No cloud but much smoke from fires. Bombed on red E.L. markers. Both bursts seen and incendiaries seen to start burning. One huge explosion seen as aircraft left, leaving an orange glow, with smoke rising to about 3,000 feet. Fires were well concentrated around red markers.	A-476
23rd/24th May	HALIFAX II JD-793	F/O J.H. Dickson F/O E.H. Hutchinson Sgt. Harris, A.G. Sgt. Knight, E.J. Sgt. Allen, S.G. F/Sgt. Harkin, W.C. Sgt. West, J.A.	Captain Navigator Bomb Aimer W/O, A.G. Flight Eng. 2nd Gunner Rear Gunner	22.42	03.33	Successful. Target DORMUND with bomb load as above. Visibility good. No cloud but considerable ground haze. Bombed on G.L. markers but no results observed. One good red fire seen but aircraft was too easy to get full result of attack. Route very good. No trouble except at DORMUND, where searchlights and heavy flak were encountered.	A-477
23rd/24th May	HALIFAX II MB-584	F/O R.G. Trench F/O R.K. Shields F/O R. Campbell Sgt. Wigham, H. Sgt. Irvine, G.W. Sgt. Todd, S. Sgt. Hargy, R.G.	Captain Bomb Aimer Navigator W/O, A.G. Flight Eng. 2nd Gunner Rear Gunner	21.01	03.49	Successful. Target DORMUND with bomb load as above. Visibility good. No cloud but haze and smoke. Target identified by E.L. markers. Bombed on red markers, no results seen. Aircraft damaged by flak, port engine being holed. While over base on return, two engines cut and aircraft crashed near DORMUND. Crew unhurt.	A-478

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# OPERATIONS RECORD BOOK

APPENDIX 9A

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 412 (R.O.C.A.F.) SQUADRON

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PAGE No. 44

(1911) Wt. 500—5 6000 3/4 T.S. 700  
(1944—45) Wt. 511—540 1000 1314 T.S. 700

FOR THE MONTH OF MAY 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
27th/28th May	HALIFAX II JD-643	W/O W.J. Boyce S/Sgt. Fisher, P.J. W/O D.L. Black W/O G.L. Bost Sgt. Chambers, R.E.C. Sgt. Burnett, R.M. Sgt. Bell, R.M. Sgt. Gray, J.D.	Captain 2nd Pilot Navigator Bomb Aimer W/O A.S. Flight Eng. 2nd Gunner Rear Gunner	22.56	04.05	Successful. Target ESEW with 2 x 1,000-lb., 48 x 30-lb. and 420 x 4-lb. incendiaries. 2/10ths low and thin cloud, tops 7,000 feet. 5/10ths at 20,000 feet. Target identified by marker flares. Bombed on ground flares. No results observed. Many fires seen 2 or 6 miles short of target. Fires fairly concentrated although some short of aiming point. Neb. very bad.	A-479
27th/28th May	HALIFAX II JD-647	S/Ldr. G.R. Harris W/Sgt. Johnson, R. W/O J.R. Alexander Sgt. Lamb, R.E. Sgt. Gordon, G.M. Sgt. Quinn, R.M. W/Sgt. Lewis, A.D.	Captain Navigator Bomb Aimer W/O A.S. Flight Eng. 2nd Gunner Rear Gunner	23.02	04.09	Successful. Target ESEW with bomb load as above. 2/10ths to 7/10ths cloud. Target identified by marker flares. Bombed on red and white. No results observed. Two fires seen, and one large explosion, with greenish smoke on cloud about 01.17 hours. Flak encountered from risk signs on the coast, and all the way in on both sides. Many white fighter flares seen, which appeared to come from the air. Not bad.	A-480
27th/28th May	HALIFAX II JD-500	W/O R.F. Rodds W/O J.R. Luffell W/O J.R. Hart W/Sgt. Douglas, S.E. Sgt. Hopkins, G.V. Sgt. Brown, E. Sgt. Harrison, R.R. W/Sgt. Bell, G.H.	Captain 2nd Pilot Navigator Bomb Aimer W/O A.S. Flight Eng. 2nd Gunner Rear Gunner	23.04	03.16	Successful. Target ESEW with bomb load as above. Clear above clouds with tops about 8,000 feet. Target identified by marker flares. Bombed on white. Bomb bursts seen beneath the cloud. One large explosion under clouds at 01.16 hours. Fires seen through breaks in the cloud. Not much flak encountered.	A-481
27th/28th May	HALIFAX II JD-576	W/O W.R. Rodds Sgt. Beale, G.R. W/O R.L. Bear W/O A.S. Woodhill Sgt. Brown, G.H. Sgt. Hinton, R.E. Sgt. Hunt, R.A. Sgt. Longe, J.A.	Captain 2nd Pilot Navigator Bomb Aimer W/O A.S. Flight Eng. 2nd Gunner Rear Gunner	23.00	04.16	Successful. Target ESEW with bomb load as above. 5/10ths to 7/10ths cloud. Flares had gone out when aircraft bombed but bombs were released on estimated position of flares as last seen. Many fires seen through breaks in cloud, and one greenish-blue explosion, the light of which lasted for several minutes. One particularly large fire three or four miles to the north-east of the general conflagration.	A-482
27th/28th May	HALIFAX II JD-616	Sgt. Harrison, R.R. Sgt. Luffell, G.H. Sgt. Ford, R.J.A. Sgt. Walker, R.H. Sgt. Brown, E. Sgt. Giddie, V. Sgt. Ross, R.J.	Captain Navigator Bomb Aimer W/O A.S. Flight Eng. 2nd Gunner Rear Gunner	22.58	04.26	Successful. Target ESEW with bomb load as above. Target identified by flares, which were in bomb height. Glow of fires seen beneath cloud. Flares from bursting bombs could be seen. About 10 or 12 fighter flares were also seen. 1 x 1,000-lb. bomb hung up and was jettisoned in the sea.	A-483
27th/28th May	HALIFAX II JD-114	Sgt. McIntosh, J.V. W/O G.J.K. Harvey Sgt. Kenny, R.M. Sgt. Brown, A.D. Sgt. McMillan, R.S. Sgt. McManis, J.J. Sgt. Ross, R.J.	Captain Navigator Bomb Aimer W/O A.S. Flight Eng. 2nd Gunner Rear Gunner	22.54	03.29	Successful. Target ESEW with bomb load as above. Visibility poor, except through breaks in cloud. Bombed on combination of marker flares. Glow of fires seen under cloud. No enemy fighters, but several fighter flares. A-484 seen. Some flak encountered on the coast over the northern tip of SEW.	A-484

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
27th/28th May	HALIFAX II NR-325	1/Sgt. Gray, M.E. 2/O R.A. Williams 1/Sgt. Hunsbeck, G.O. 1/Sgt. Summers, R.V. Sgt. Lee, G.H. Sgt. Wilby, G. 1/Sgt. Brumby, M.E. 2/O R. Harding	Captain 2nd Pilot Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.55	03.50	Successful. Target BOMB with 2 x 1,000-lb. bombs. 10 x 30-sec and 100 x 4-sec flares seen. 10/10ths broken cloud with gaps over attack point. Target identified by flares. Flares in beamlight. No bursts seen. Glow of several fires and incendiaries seen through gap in cloud. Bomb good both ways. Good concentration of fires. Flak not bad. Searchlights ineffective.	A-45
27th/28th May	HALIFAX II DR-798	1/O J.W.E. Tyler Sgt. Cooke, W.E. Sgt. Wilson, W.A.R. Sgt. Brown, R.H. Sgt. Hillier, R. Sgt. Smith, J.A.M.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.59	04.12	Successful. Target BOMB with bomb load as above. 7/10ths to 10/10ths cloud, tops about 5,000 feet. Visibility poor. Target identified by flares. No bursts observed. Concentrated glow of fires seen. 1 x 1,000-lb. bomb hung up and was jettisoned in the sea.	A-45
27th/28th May	HALIFAX II JD-965	1/Lt. J.B. Pattison Sgt. Faray, R.J. 1/Sgt. Williams, R.S. 2/O J.G. Dunson Sgt. Jackson, F. Sgt. Lee, V. Sgt. Thompson, J. 1/Sgt. Brown, J.A.L.	Captain 2nd Pilot Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.52	04.20	Successful. Target BOMB with bomb load as above. 7/10ths cloud at 7,000 feet. Target identified by flares. Based on concentration of fires as flares had all disappeared. Translucent canopy of incendiaries and one very large fire seen through cloud. A red glow was seen to be covered by fires and incendiaries. BOMB very quiet. Defences negligible.	A-47
27th/28th May	HALIFAX II JD-159	1/O R.A.H. Bell Sgt. Vinogradov, F. 1/Sgt. White, W.L. 1/Sgt. Milliken, R.O. Sgt. Aronson, J.H. Sgt. Taylor, R.R. Sgt. Graham, J.F. 1/Sgt. Aitken, G.R.	Captain 2nd Pilot Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.53	03.31	Successful. Target BOMB with bomb load as above. 5/10ths cloud, tops 7,000 feet. Visibility fairly good. Target identified by flares. One red glow and large explosion seen just prior to bombing. Glow of other fires also seen.	A-45
27th/28th May	HALIFAX II JD-158	1/O G.H. McCreck 2/O K.V. Harold Sgt. Brown, R.H. Sgt. Dawson, R.E. Sgt. Jay, W.E. Sgt. Lewis, A.J. 2/O H.L. Noble	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	23.05	04.00	Successful. Target BOMB with bomb load as above. 8/10ths to 10/10ths cloud at 7,000 feet, and considerable haze. Target identified by flares. Reflections seen. Aircraft was hit by flak, damaging the port and starboard inboard engines W/O and causing the turret and port wing. W/O engine also W/O. Aircraft landed safely at R.A.F. GOLFBRIDGE. Crew uninjured.	A-49

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# OPERATIONS RECORD BOOK

APPENDIX NA

I.A.F.  
FORM 541.

DETAIL OF WORK CARRIED OUT

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

**SECRET**

PAGE No. 45

(9211) WL 9211-05 62mm 1214 T.S. 700  
(9212-9213) WL 9212-0545 1024 1214 T.S. 700

FOR THE MONTH OF MAY 1943

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
29th/30th May	HALIFAX II No. 143	W/O F.G. Woodson W/O P. Campbell W/O R.K. Shields Sgt. Wigglesworth Sgt. Norris, G.W. Sgt. Poole, G. Sgt. Flylay D.G.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.39	04.08	Successful. Target WUPPERHAL with 4 x 1,000-lb. S.P., 250 x 40-lb. and 48 x 50-lb. incendiaries. Visibility good. Target identified by T.I. markers. Green T.I. markers in bombight. Explosion and many fires seen in target area.	A-490
29th/30th May	HALIFAX II No. 305 <i>RW</i>	Sgt. Johnson, F.S. Sgt. Motz, E.S. Sgt. Marks, E.E. Sgt. Rughays, G. Sgt. Baker, G.F. Sgt. Haldin, D.S. Sgt. Armstrong, E.I.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.18	-	This aircraft took off to attack WUPPERHAL with bomb load as above but nothing further was heard from it. Its failure to return to base is presumed to be due to enemy action.	A-491
29th/30th May	HALIFAX II No. 147	W/O G.K. MacLennan W/O S.M. Beard W/O K.V. Harvold Sgt. Hancock, J.J.G. Sgt. Dawson, K.E. Sgt. Jay, W.H. Sgt. Lewis, A.J. W/O W.L. Roberts	Captain 2nd Pilot Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.36	03.53	Successful. Target WUPPERHAL with bomb load as above. Visibility very clear, no cloud. Target identified by red and green T.I. markers. Fires seen on each side of the track. Practically no flick over the target. Numerous searchlights over the Rhine but flick not intense in this area.	A-492
29th/30th May	HALIFAX II No. 302	W/O E.F. Hains W/O J.R. Hart W/Sgt. Tughill, S.E. Sgt. Stephens, G.V. Sgt. Brown, S. Sgt. Morrison, R.R. W/Sgt. Doll, G.E.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.34	04.04 <i>BR</i>	Unsuccessful. Target WUPPERHAL with bomb load as above. Aircraft reached a position 52 30'N - 08 09'W, but with starboard outer engine W/S, Captain decided to return to base. All bombs brought back.	A-493
29th/30th May	HALIFAX II No. 376	W/O W.L. Liddle W/O S.S. Hird W/O A.S. Winchill Sgt. Coburn, G.S. Sgt. Haldin, R.H. Sgt. Burt, R.A. Sgt. Long, J.A.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.25	04.12	Successful. Target WUPPERHAL with bomb load as above. Visibility moderate. Base with thin layers of cloud at 8,000 and 16,000 feet. Target identified by red and green markers. Green T.I. in bombight. Considerable number of fires in WUPPERHAL and neck between WUPPERHAL and BARRON. Good concentration of fires over BARRON. Particularly large explosions seen at 01.15 and 01.25 hours.	A-494
29th/30th May	HALIFAX II No. 382	W/Sgt. Gray, M.F. W/Sgt. Hancock, G.O. Sgt. Lee, G.H. Sgt. Wiley, G. W/Sgt. Bowler, R.S. W/O R. Harding	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.37	04.29	Successful. Target WUPPERHAL with 2 x 1,000-lb. S.P., 48 x 50-lb. and 630 x 4-lb. incendiaries. Good visibility. No cloud, ground base. Target identified by red and green T.I. markers. No results observed.	A-495

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
29th/30th May	HALIFAX II M. 114	Sgt. Parry, R.J. Sgt. Dobbson, M. Sgt. Farwell, G.G. Sgt. Gilchrist, J.G. Sgt. Milton, J. Sgt. Brown, G.A. Sgt. Ross, J.I.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.54	04.34	Successful. Target WUPPERHAL with 2 x 1,000-lb. M.C., 48 x 30-lb. and 650 x 4-lb. incendiaries. Visibility good, no cloud. Ground detail seen. Target identified by red and green E.I. markers. No results of bombing observed, but many fires seen in BAHNEN. Aircraft landed at H.A.F. LEBENS in error.	A-496
29th/30th May	HALIFAX II M. 128	W/O J.W.R. Taylor Sgt. Cook, H.L. Sgt. McKinn, H.A.R. Sgt. Waters, H.A. Sgt. Brown, R.G. Sgt. Ridley, H. Sgt. South, J.A.K.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.49	04.04	Successful. Target WUPPERHAL with bomb load as above. Visibility clear except for one patch of cumulus cloud west of target. Target identified and bombed by red and green markers. Large reddish explosion seen after bombing. Three large fires seen all burning well.	A-497
29th/30th May	HALIFAX II M. 1225	P/O H.H. Ludlow P/O G.A. Wright Sgt. MacLaren, A.S. Sgt. Smith, G.R. Sgt. Scott, H.L. Sgt. Cox, R.E. Sgt. de Koster, V.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.53	05.01	Successful. Target WUPPERHAL with 2 x 1,000 lb. S.P. 0.025, 48 x 30-lb. and 650 x 4-lb. incendiaries. No cloud below smoke and haze. Target identified by red and green markers. No results of our bombing observed. One large explosion seen at 04.25 hours to west of aiming point, and incendiaries burning to east of aiming point.	A-498
29th/30th May	HALIFAX II M. 615	Sgt. Elsham, R.B. Sgt. Taylor, A.E. Sgt. Whitmore, D.R. Sgt. Colledge, R.F. Sgt. Hamilton, R.F. Sgt. Hunter, J.L. Sgt. Gray, R.H.	Captain Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.50	04.25	Successful. Target WUPPERHAL with bomb load as above. Visibility good, no cloud. Clouds of smoke up to 7,000 feet over target. Target identified and bombed by red and green E.I. markers. No results observed, fires were well concentrated and burning well.	A-499
29th/30th May	HALIFAX II M. 962	P/O J.A. Fothergill Sgt. Smith, G.F. P/Sgt. Williams, R.J. P/O J.G. Duncan P/O A.E. Smith Sgt. Thornhill, R. Sgt. Thompson, J. P/Sgt. Hunter, J.L.L.	Captain 2nd Pilot Navigator Bomb Aimer W/O A.G. Flight Eng. 2nd Gunner Rear Gunner	22.33	05.36	Successful. Target WUPPERHAL with bomb load as above. Clear sky with ground haze. Target identified and bombed by red and green E.I. markers. Results not observed, whole area completely black fire and large orange fires started about one mile by half mile in area covered by E.I. markers.	A-500
29th/30th May	HALIFAX II M. 689	Sgt. Douglas G.H. P/O W.S. Dandy Sgt. Payne W.H. Sgt. Brown J.A. Sgt. Booth R.A. Sgt. Child P.G. Sgt. James H.L.	Captain Navigator Bomb Aimer W/O A.G. Flt./Eng. 2nd Gunner Rear Gunner	22.47	04.44	Successful. Target WUPPERHAL with bomb load as above. Visibility clear. Sky and ground detail could be seen. Target identified and bombed by red and green markers. Results not observed. A large number of fires seen burning in BAHNEN with one huge column of smoke rising up to 10,000 feet.	A-501

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