

# OPERATIONS RECORD BOOK

APPENDIX "A"

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

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

**SECRET**

PAGE No. 108

(11251-521) W1. 5222-1124 2nd Ed. T.D. 598

FOR THE MONTH OF JANUARY 1944

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				UP	DOWN		
4/5th Jan.	HALIFAX II LW. 327 "A"	R123865 P/S Ryjolfson, H.O. JL3832 P/O G.E. Siddall J20262 P/O S.H.E. Humphrey 1043547 Sgt. Pattle, J.H. 158857 Sgt. Tunstall, R.D. R190231 Sgt. Duley, R.R. 1559512 Sgt. Callaghan, G.	P. N. A/B W/O P/B U/G R/G	0829	0821	Successful. Target Gardening in BAY OF BISCAY with 1 x F.622, 1 x A.111 mines. Hazy, 2/10ths scattered cloud. H2B very poor; finally w/s. - George w/s. - Gardened at 46.07N 01.37W 46.02N 01.25W 04.11 hrs., 6,000 ft. 022 degs.	A.1191
4/5th Jan.	HALIFAX II "H" LW. 325	159023 P/O J.G. Hamilton 1398137 P/S Rogers, B. 1516315 P/S Elsie, V.G. 1387471 Sgt. Spinks, S.E. 1806465 Sgt. Fickera, D.G. 1890004 Sgt. Wiggins, W.H. 653746 Sgt. Harris, R.W.	P. N. A/B W/O P/B U/G R/G	00.34	08.38	Successful. Target Gardening in BAY OF BISCAY with 1 x F.622, 1 x A.111 mines. Gardened at 46.07 34 mins. N. 01.36 W 04.20 hrs. 6,000 ft. 134 degs. Visibility good, very little cloud. Very quiet trip.	A.1192
4/5th Jan.	HALIFAX II EX. 159 "B"	J22470 P/O A.L. Warren 1387061 Sgt. Sutton, S. R158757 Sgt. Coulting, S.A. 1835821 Sgt. King, W.J.F. R98044 Sgt. Egan, H.D. 1510888 Sgt. Ordover, H. R189979 Sgt. Minett, M.	P. N. A/B W/O P/B U/G R/G	06.30	08.19	Successful. Target Gardening in BAY OF BISCAY with 1 x F.622, 1 x H.800 mines. Gardened at 46.06 40N, 01.35 10W. H2B position 46.10 30N, 10.45 30W 04.46 hrs. 6,000 ft. 137 degs. Visibility good, 10/15 miles. Both parachutes seen.	A.1193
4/5th Jan.	HALIFAX II LW. 239 "K"	J10959 P/O J.G. Stewart 120130 P/O W.H. Coleman CAN. 102184 P/S Cooper, D.M. 143653 P/O S.E. Bedford 1534906 Sgt. Chambers, J. R173303 Sgt. Curran, H.O. 1811123 Sgt. Endacott, D.R.	P. N. A/B W/O P/B U/G R/G	08.32	08.30	Successful. Target Gardening in BAY OF BISCAY with 1 x F.622, 1 x H.800 mines. 46.06N 01.34W homed to position by radar from north tip ISLES OF D'OLERON. 04.28 hrs. 6,000 ft. 126 degs. Slight haze. Both parachutes seen to open.	A.1194
4/5th Jan.	HALIFAX II JP. 125 "L"	J20078 P/O B.E. Betcher R147617 P/S Johnson, T.B. CAN. 1530 Sgt. Barlow, J.A. 1317446 Sgt. Barney, B. 1282476 Sgt. Baylis, H.J. R197135 Sgt. Turbitt, D.G. R158726 Sgt. Rabb, T.M.	P. N. A/B W/O P/B U/G R/G	08.26	08.06	Successful. Target Gardening in BAY OF BISCAY with 1 x G.700, 1 x H.802 mines. 49.14N 01.34W. GEE fix obtained 46.21N 01.50W at 04.11 hrs., last pinpoint as in 1 H2B working. 04.19 hrs. - 6,000 ft. - 182 degs. - One parachute only seen to open. Visibility 20/30 miles.	A.1195
4/5th Jan.	HALIFAX II DT. 731 "M"	J3747 P/O A.C. Hermitage R157319 P/S Walton, R.H. R112853 Sgt. Tobin, W.E. R110885 W/O Cheas, J.B. 1709160 Sgt. Wood, R.E.H. 1570543 Sgt. Shields, R. R180425 Sgt. Edwards, R.W.	P. N. A/B W/O P/B U/G R/G	08.11	08.25	Unsuccessful. Target Gardening in BAY OF BISCAY with 1 x G.700, 1 x H.802 mines. Brought mines back, from position 46.20N 01.40W 04.16 hrs. 6,000 ft. GEE w/s from near HERBY, could not pinpoint on coast and GEE not working. Visibility heavy.	A.1196

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
4/5th Jan.	HALIFAX II JP. 119 "0"	R110962 P/S MacLean, E.H. J20409 P/O A.R. Baker R146767 P/S Clancy, P.G. 1575653 Sgt. Woodhall, A.R. 1607179 Sgt. Harris, D.W.H. R86321 Sgt. Auld, J.H. 1590775 Sgt. Stephenson, E.V.	P. N. A/B W/O P/E U/C R/C	00.38	06.32	Successful. Target Gardening in Bay of Biscay with 1xG.700 1xG.710 mines. Gardened at 46.07 ON 01.31 50W. 04.29 hrs. 6,000 feet, 131 degs., G/S 183. Visibility 3/4 miles, slightly hazy, no cloud. Operation considered successful. Vegetables planted where ordered.	A-1197
4/5th Jan.	HALIFAX II LW. 238 "2"	R128415 P/S Krenke, W.T. J20924 P/O J. Ferris R159001 Sgt. Scott, A.N. 1349784 Sgt. Thomson, T.R. 1590804 Sgt. Palmer, M. G14255 Sgt. Jenkins, E.R. 2239079 Sgt. Dye, S.O.	P. N. A/B W/O P/E U/C W/C	00.33	07.32	Unsuccessful. Target Gardening in Bay of Biscay with 1xG.700 1xG.710 mines. Furthest point reached 46.00N 00.50W 04.50 hrs. 49,500 ft. light haze, limited visibility, unable to pinpoint. Aircraft landed at Gratten owing to shortage of petrol.	A-1198
4/5th Jan.	HALIFAX II JD. 459 "Q"	R146528 P/S Quinn, J.D. R128151 Sgt. Gars, R.J. J25352 P/O D.L. Louis-Watts R390306 Sgt. Robinson, P.W.H. R51651 Sgt. Patricia, M.J. R133251 P/S Dwyer, R.G. J16079 P/L L.J. Tomu	P. N. A/B W/O P/E U/C R/C	00.28	08.10	Successful. Target Gardening in Bay of Biscay with 1xG.800 1xG.114 mines. Gardened at 46.07 14N 01.36W 04.20 hrs., 6,000 feet, 134 degs. G/S 195 m.p.h. <del>Heavy about 2/4ths scattered cloud. Considered vegetables successfully planted.</del>	A-1199
4/5th Jan.	HALIFAX II JN. 953 "R"	J9072 P/L J.E. Westland JD. 776 P/O J.B. Hall J22864 P/O J.W. Galvin 1311306 Sgt. Beer, S.W. 1653123 Sgt. Davies, H.G. 1179709 W/O Stapley, G.G. R141311 P/S Atkinson, W.S. R147417 P/S McIvor, B.A.	P. N. A/B W/O P/E U/C R/C 2nd P.	00.40	08.12	Successful. Target Gardening in Bay of Biscay with 1xG.700 1xG.710 mines. Gardened at 46.06 40N, 01.30W. 04.28 hrs. 6,000 feet, 125 degs. G/S 195 m.p.h. Visibility excellent. Mission considered successful.	A-1200
4/5th Jan.	HALIFAX II JP. 121 "S"	J21570 P/O J.C. Turnbull J14793 P/O E.T. Albert J23638 P/O A.H.A. McBain 1575683 Sgt. Gillett, R.G. R60144 Sgt. Michael, R.G. R393130 Sgt. Hutt, G.A. R225229 Sgt. Malec, H.	P. N. A/B W/O P/E U/C R/C	00.35	08.34	Successful. Target Gardening in Bay of Biscay with 1xG.700 1xG.710 mines. Gardened at 46.06 40N. 01.31 40W. Homed on Radar 04.25 hrs, 6,000 feet, 132 degs. G/S 228 m.p.h. some haze, ineffective. Mission considered successful.	A-1201
4/5th Jan.	HALIFAX II JD. 114 "T"	J18989 P/O R.K. Matherai, R131751 W/O Ghiswell, H. B. R121885 P/S Edwards, R. 1377811 P/S Kelsall, R.R. R69309 Sgt. Ballard, G.H. R108409 P/S Mervier, J.L. R123028 P/S Murrill, R.H.	P. N. A/B W/O P/E U/C R/C	00.37	08.04	Successful. Target Gardening in Bay of Biscay with 1xG.800 1xG.114 mines. Gardened at 46.06 38N 01.39W, 46.25 38N, 01.39W, 04.21 hrs. 6,000 feet. 179 degs. G/S 212 m.p.h. heavy haze but visibility not greatly impaired. Mission considered successfully completed.	A-1202

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A.F.  
FORM 541.

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

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PAGE No. 109

(2511) Wt. 6000 lbs. 6000 lbs. U.S. 700  
17500-2511 Wt. 9500-10000 lbs. U.S. 700

FOR THE MONTH OF JANUARY 1944

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
6/7th Jan.	HALIFAX II LN 327 "A"	J21384 P/O M.F. Stronach P.		18.20	00.09	Successful. Target Mining off BREST with 1 x B.204, 1 x C.302 mines. Dropped by Radar, last pinpoint before counting, 21.23.30 hrs. 14,000 feet. <del>One</del> U/S from start. A/G slightly S. of track, remained track by Radar. Possibly a few seconds late owing to bursts of heavy Flak shaking A/G both parachutes seen.	A.1203
		J21336 P/O A.T. Armstrong N.					
		E150844 P/S Phillips, R.J. A/B					
		1333987 Sgt. Thornhill, M.A. W/O					
		1865144 Sgt. Sharples, J.W. P/S					
6/7th Jan.	HALIFAX II LN 325 "H"	E117102 P/S Child, P.O. R/G		18.15	00.01	Successful. Target mining off BREST with mines as above. Vegetables garden successfully, 21.13.54 hrs. 14,600 feet. B28, Monica II/S.	A.1204
		J22145 P/O L.T. Lucas P.					
		J21633 P/O G.F. Davies N.					
		E146421 P/S Hairshin, J.S. A/B					
		E115610 P/S Fluta, J. W/O					
6/7th Jan.	HALIFAX II JP 125 "I"	E133223 Sgt. Hewitt, C.R. P/S		18.15	23.55	Successful. Target Mining off BREST with 2 x B.204 mines. Gardened at 21.07 hrs. 15,000 feet, Mission considered extremely successful. No difficulties encountered, both parachutes seen to open.	A.1205
		E190892 Sgt. Dehoux, J.F.G.R. U/C					
		E189480 Sgt. Johnson, T.R.N. R/G					
		J22479 P/O A.L. Warren P.					
		1367861 Sgt. Britton, R. N.					
6/7th Jan.	HALIFAX II JP 119 "G"	E112955 P/O McGeaughey, L.A. A/B		18.10	23.58	Successful. Target mining off BREST with 2 x B.204 mines. Gardened at 21.13 hrs., 13,000 feet, at POINT LES ESPAGNOL. A/G going in to drop on Radar when evasive action had to be taken, so mines dropped visually from POINT LES ESPAGNOL, but owing to night fighter following A/G again parachutes were not seen to open.	A.1206
		E109044 Sgt. King, W.J.P. W/O					
		E320888 Sgt. Crabtree, H. U/C					
		E189979 Sgt. Minett, M. R/G					
		E147417 P/S Morley, R.H. P.					
6/7th Jan.	HALIFAX II JP 151 "S"	E157928 P/S Brown, J.D. W.		18.18	00.13	Successful. Target Mining off BREST with 1 x B.204, 1 x C.302 Mines. First mine dropped seven seconds ahead of schedule in error, scheduled at 21.13 hrs. Dropped at 21.12.47 hrs. Gardening considered successful, parachutes seen to open.	A.1207
		E102868 P/O Cooper, D.M. A/B					
		E139693 P/O Sir, Bedford W/O					
		E60144 Sgt. Michael, R.G. P/S					
		E173303 Sgt. Curran, H.O. U/C					
6/7th Jan.	HALIFAX II JN 955 "P"	E181123 Sgt. Endacott, S.R. R/G		18.21	23.51	Successful. Target Mining off BREST with mines as above. Gardened at 21.11.55 hrs. 14,850 feet, considered Gardening carried out perfectly. <del>One</del> operated to 45M, very slight jamming.	A.1208
		J21295 P/L D.D. Liddlow P.					
		E11426 P/O W.E. Rempel N.					
		E2472 P/O R.W. Kemp A/B					
		E18984 P/O C.W. Nevins P/S					

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
20/21st. Jan.	HALIFAX II LW. 327 "A"	J. 5679 S/Ldr H. B. Dyer P. J. 22482 P/O H. A. MacKenzie N. J. 22543 P/O E. D. Swenerton A/B 4070070 Sgt. Brooks W. B. W/O 1800967 Sgt. Bolton W. F. P/E 1577681 W/O. Greenhall J. U/G R. 165298 Sgt. Duncan E. J. R/G	P. N. A/B W/O P/E U/G R/G	16.12	23.35	Successful. Target BERLIN with 2 x 1000 lb. M.C., 24 x 50 lb. L.G. and 810 x 4 lb. incendiaries. Target identified by red T.I., 3 green TI, and many sky markers. Ran up on twelve sky markers, stream-spaces seen, so bombed on H2S approx. S centre of BERLIN. No results other than a large glow seen. Red TI seen over KIEL, and N/F flares to E. of BERLIN, also spoof route markers near HANNOVER. Few N/F flares seen.	A. 1209
20/21st. Jan.	HALIFAX II JD. 456 "B"	J. 18875 P/O D. T. Cook P. J. 21948 P/O G. W. Ponget N. R. 120893 F/Sgt. Campbell H. H. A/B 1148066 Sgt. Foster R. W/O 1019358 Sgt. Grieve J. F. P/E R. 169934 Sgt. Legault A. E. U/G R. 176124 Sgt. Robertson D. W. R/G	P. N. A/B W/O P/E U/G R/G	16.07	00.02	Successful. Target BERLIN with 2 x 1000 lb. M.C., 24 x 50 lb. L.G. and 810 x 4 lb. incendiaries. Target identified by sky markers in two or three definite groups. Bombed on about 3 sky markers approx. 3,000 ft. below. No results seen, too early for fires. A/C slightly S of track on leg to second route markers. Spoof attack on KIEL, and spoof route markers over HANNOVER seen. Message received near BERLIN to fly at 16,000 ft. at 01.30 E. and return to base.	A. 1210
20/21st. Jan.	HALIFAX II JD. 420 "D"	R. 144883 F/Sgt. Patterson G. G. P. R. 158761 F/Sgt. Bailey W. A. N. R. 129879 Sgt. Derbyshire D. E. A/B 1587160 Sgt. Jones G. W/O 1708160 Sgt. Wood R. E. N. P/E R196076 Sgt. Chawanski A. P. U/G J. 16679 P/Lt. L. J. Toms R/G	P. N. A/B W/O P/E U/G R/G	16.11	00.12	Successful. Target BERLIN with bombload as above. Target identified by route and sky markers, concentration of sky markers in S/S. No results observed owing to cloud. Route markers seen, six winds broadcasts received and found useful. Concentration of flares over target good.	A. 1211
20/21st. Jan.	HALIFAX II JD. 466 "H"	J. 22142 P/O A. J. Byford P. J. 21355 P/O R. V. Daly N. R. 44754 P/Sgt. Frenchie P. W. A/B 124934 Sgt. Terry R. W/O 1249031 Sgt. Helmer A. E. P/E R. 188973 Sgt. Fraser M. C. U/G 1834457 Sgt. Barkley L. R/G	P. N. A/B W/O P/E U/G R/G			This aircraft did not take-off owing to engine trouble.	
20/21st. Jan.	HALIFAX II LW. 325 "H"	159023 P/O J. G. Hamilton P. 1398137 F/Sgt. Rogers E. N. 169496 P/O W. E. Elsey A/B 1387471 Sgt. Spinks S. E. W/O 1806465 Sgt. Vickers D. G. P/E 4890002 Sgt. Higgins W. H. U/G 691746 Sgt. Harris R. W. G. R/G	P. N. A/B W/O P/E U/G R/G	16.09	23.51	Successful. Target BERLIN with bombload as above. Target identified by sky markers rather widely dispersed in line from E. to W. Sky markers in S/S. Big white glow seen below cloud presumed to be incendiaries. H2S w/a. Markers at KIEL, spoof route markers near HANNOVER, and spoof N/F flares E. of BERLIN seen. C only route marker not seen.	A. 1212
20/21st. Jan.	HALIFAX II MX. 189 "J"	J. 13055 P/O H. T. Brown P. J. 24710 P/O L. Lunick N. R. 82501 F/Sgt. Finer P. S. A/B R. 225013 W/O Green J. J. W/O 1571133 Sgt. McDonald W. P/E 1821722 Sgt. Whitbrooks F. U/G R. 17462 P/O M. G. Willard R/G	P. N. A/B W/O P/E U/G R/G	16.14	23.43	Successful. Target BERLIN with bombload as above. Target identified by sky markers, which were in S/S. Two large explosions seen, 19.45 and 20.09 hours. Cloud obscured results of attacks. One can of 4 lb. incendiaries hung up, jettisoned over sea. Route markers, sky markers seen, sky markers being dropped right angles to track. N/F flare path laid for run out from T/A for ten miles.	A. 1213

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A.F. FORM 541

DETAIL OF WORK CARRIED OUT

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

**SECRET**

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(1945-1951) Wk. 2222-2224, 2225, 2226

FOR THE MONTH OF January 1944

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES	
				Up	Down			
20/21st. Jan.	HALIFAX II JP. 125 "L"	R. 123865 F/Sgt. Kjellsson H.C. J. 73832 F/O. C.E. Siddall N. R. 142995 V/O. McLaughy L.A. A/B 104354.7 Sgt. Pattie J.H. W/O 158857 Sgt. Tunstall H.D. F/O R. 152121 Sgt. Cospar A.E. U/O 1559512 Sgt. Gallecher G. R/O	H.C.	P.	16.04	23.32	Successful. Target BERLIN with 2 x 1000 lb. H.C., 24 x 30 lb. L.C. and 800 x 4 lb. incendiaries. Target identified by red and green TI going into cloud, and H2S. Centre of line of sky markers in B/S. Marking consisted of 2 large stars, with other flares making line between at right angles to track. No results seen owing to cloud. Route markers seen.	A.1214
20/21st. Jan.	HALIFAX II DT. 731 "M"	R. 151588 F/Sgt. Hopkins L.V. R. 65193 F/Sgt. Mackenzie W.E. 10601391 T/Sgt. Pauls F.S. J. 27779 F/O. A. Chrasak 1534906 Sgt. Chambers J. 614255 Sgt. Jenkins E.E. R. 206973 Sgt. McLaughy W.D.	L.V.	P.	15.54	---	This aircraft took off to attack BERLIN with 2 x 1000 lb. H.C., 24 x 30 lb. L.C. and 900 x 4 lb. incendiaries, since which time nothing has been heard from it and its loss must be presumed to be due to enemy action.	A.1215
20/21st. Jan.	HALIFAX II JP. 119 "Q"	J. 20065 F/O. R.L. Roe R. 141490 F/O. J.V. Smith R. 141512 F/Sgt. McCalland J.G. 1312230 Sgt. Hayter A.J. 1804234 Sgt. Deakin L.W. R. 141373 F/Sgt. Fox K.G. R. 151215 Sgt. Salkeid H.A.	R.L.	P.	16.05	23.47	Successful. Target BERLIN with bombload as above. Target identified by route and sky markers, sky markers in B/S. No results seen owing to cloud. Route markers seen about 35 miles from target on way in, red and green TI seen cascading into cloud, in good concentration.	A.1216
20/21st. Jan.	HALIFAX II JD. 452 "Q"	G. 1395 W/O. W.F. Flossance J. 21210 F/O. L.A. Roberts J. 22498 F/O. D.H. Taylor 1243521 Sgt. Sadler R.M. R. 166007 Sgt. McMill M.C. R. 493440 Sgt. Tegg J.F. R. 159397 Sgt. Dine R.H.	W.F.	P.	15.52	23.57	Successful. Target BERLIN with 2 x 1000 lb. H.C., 24 x 30 lb. L.C. and 810 x 4 lb. incendiaries. Target identified by sky markers, glow of markers in cloud in B/S. At 18.28 hrs, extra petrol used gaining height at 20,000 ft. First wave on E.M. A/c made orbit as overshoot, re-entered stream and bombed at end of last wave. Port outer engine w/s 10 degs. A-1217 B. so made for diversion base as petrol getting low. Encountered fog off English Coast and as ditching thought imminent 1st on side pulsed. Saw flare path at WOODRIDGE, landed with 30/40 gallons of fuel left.	A-1217
20/21st. Jan.	HALIFAX II JP. 431 "S"	J. 9072 F/Lt. J.A. Westland J. 14776 F/O. G.V. Hall J. 22864 F/O. G.W. Galvin 1211366 Sgt. Deane R.W. 155123 Sgt. Davies H.G. R. 104429 F/Sgt. Lytt J.H. R. 141311 F/Sgt. Atkinson W.S.	J.A.	P.	16.35	23.53	Successful. Target BERLIN with bombload as above. Target identified by TI well concentrated, centre of green three red flares with green stars in B/S. Route markers seen, B/S and H2S w/s. B/S set by hand and used. Spoof route markers seen. 1 x 1000 lb. H.C. hung up, jettisoned live at 53.35 W 05.13 E. 21.54, 17,000 ft.	A-1218
20/21st. Jan.	HALIFAX II JN. 953 "R"	R. 146528 F/Sgt. Quinn J.D. R. 128551 Sgt. Gales A.G. J. 25332 F/O. D.L. Lewis - Watta 1390386 Sgt. Hickson F.J.H. R. 51631 Sgt. Paulson E.J. R. 181212 Sgt. Weeks D.F. R. 133231 F/Sgt. Neper R.O.	J.D.	P.	16.02	18.32	Unsuccessful. Target BERLIN with bombload as above. A/O returned early as boost on port inner engine w/s. All bombs jettisoned safe 17.22 hrs., 13,000 ft., 54.21 N 01.03 E.	A-1219
20/21st. Jan.	HALIFAX II JE. 130	J. 10959 F/O. J.G. Stewart 123430 F/O. W.K. Gillman CAN. 162184 F/Sgt. Cooper D.M. 143853 F/O. S.W. Beiford 1615050 Sgt. Hildford W.A. 1817303 Sgt. Curran W.C. 1811123 Sgt. Endacott E.R.	J.G.	P.	16.15	00.04	Successful. Target BERLIN with bombload as above. Target identified by red flares with green stars, red TI and Radar. Centre of line of red flares with green stars in B/S. Marker flares in curved line across track, very numerous. 2 colours of flares had to distinguish. Route markers, spoof attack, spoof route markers seen.	A-1220

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				UP	DOWN		
20/21st Jan.	HALIFAX II JD 444 "V"	R.11833A F/Sgt. Herbert R.G. P. F.26236 F/O. F.A. Haden N. R.458805 F/Sgt. Cardo M.B. A/B. F.318176 Sgt. Owen L.F. W/O R.604114 Sgt. Hall J.W.F. F/E R.85742 Sgt. Miles R.L. U/O R.189004 Sgt. Orlap E.A. R/O	P.	16.06	23.19	Successful. Target BERGHEIM with 2 x 1000 lb. M.C., 24 x 30 lb. L.C. and 810 x 4 lb. incendiaries. Target identified by red flares with green stars, centre of these in B/S. Faint A.1221 reddish glow on cloud only results seen. Route markers seen indistinctly. A/c 20 miles N of track crossing sea, regained track by enemy coast. N of track at MUNSBERG, cut across track owing to petrol shortage. Landed at HARDWICK owing to shortage of petrol.	
20/21st Jan.	HALIFAX II JD. 668 "W"	J.18989 F/O. R.K. Metherall P. F.13947 F/O. H.E. Chiswell N. R.121885 F/Sgt. Edwards B. A/B F.377814 F/Sgt. Kelso H.B. W/O F.49309 Sgt. Pollard C.H. F/E J.19358 F/O. J.L. Merrior U/O F.19359 F/O. R.E. Merritt R/O	P.	16.01	23.45	Successful. Target BERGHEIM with 2 x 1000 lb. M.C., 24 x 30 lb. L.C. and 810 x 4 lb. incendiaries. Target identified A.1222 by route and sky markers; sky markers in B/S. No results seen owing to cloud, glow on cloud seen which was probably S/L's. Route markers seen.	
20/21st Jan.	HALIFAX II HK. 162 "X"	J.48862 F/O. H.L. Bullis P. R.121365 W/O. Dwyer A.H. W/O F.969497 F/Sgt. Stewart B.H. W/O F.187066 Sgt. Bonathan R. W/O F.75639 Sgt. Ferguson D.J. W/O R.472469 Sgt. Sanderson P.S. W/O R.418018 Sgt. Fokker M. W/O	P.	16.03		This A/c took off to attack BERGHEIM with 2 x 1000 lb. M.C., 24 x 30 lb. L.C. and 810 x 4 lb. incendiaries since which time nothing has been heard from it and its loss must be presumed A.1223 to be due to enemy action.	
21/22nd Jan.	HALIFAX II LN. 327 "A"	R.5679 S/Ldr. H.R.F. Dyer P. F.22482 F/O. H.A. Mackenzie N. F.22543 F/O. I.D. Swenerton A/B R.970472 Sgt. Brooks M.B. W/O R.800967 Sgt. Bolton W.F. F/E F.377884 W/O. Greenall J. U/O R.165298 Sgt. Dixon E.J. R/O	P.	19.48	02.24	Successful. Target MAGDEBURG with 2 x 1000 lb. M.C., 24 x 30 lb. L.C., and 890 x 4 lb. incendiaries. Target identified by sky markers and green TI, confirmed by H2S centre of town, A.1224 centre of green TI on ground in B/S. A/c early, bombed once before going in, no results seen except for loss of incendiaries. 6 HF flares seen before bombing on way to target, none on target; many dropped after A/c left. Solid wall of S/L's and flak encountered on way out of target on course.	
21/22nd Jan.	HALIFAX II JD. 156 "B"	J.22142 F/O. A.J. Byford P. F.21365 F/O. R.V. Daly N. R.114756 F/Sgt. Prantice F.W. A/B R.869334 Sgt. Terry B. W/O R.85051 Sgt. Holder A.L. F/E R.788973 Sgt. Fraser M.C. U/O R.834457 Sgt. Darnley L. R/O	P.	19.50	02.30	Successful. Target MAGDEBURG with bombload as above. Target identified by TI and fires, bombed concentration of fires after H2A. Overshot target slightly, so bombed fires, 3 lanes of fire leading into one mass. No TI seen after H2A up. N/F A.1225 saw enemy activity over coast and out to sea. Flares in pairs dropped in and out from target along track.	
21/22nd Jan.	HALIFAX II JD. 20 "B"	R.131972 Sgt. Hawkes V.L. P. R.46004 F/Sgt. Fletcher W.J.R. N. F.25529 F/O. F.E. Houlson A/B R.105819 W/O. McDevitt D.E. W/O R.604784 Sgt. Board D.M. F/E R.155285 Sgt. Betman A.M. U/O R.430395 W/O. Barnes W.H. R/O	P.	17.46		This A/c took off to attack MAGDEBURG with bombload as above since which time nothing has been heard from it and its loss must be presumed to be due to enemy action.	A.1226

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# OPERATIONS RECORD BOOK

APPENDIX "A"

C.A.F.  
Form 541

## DETAIL OF WORK CARRIED OUT

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

**SECRET**

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(1940-41) Wt. 2220-2240 200 214; T.S. 700

FOR THE MONTH OF 19 1941

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES	
				Up	Down			
21/22nd Jan.	HALIFAX II JD. 466 "B"	J. 3747 R. 157319 R. 131283 R. 446685 R. 64989 1570543 R. 180425	F/Lt. A.G. Hemitage F/Sgt. Walton R.H. F/Sgt. Giffin W.B. W/O. Gness J.B. Sgt. Wilson J.A. Sgt. Shields E. Sgt. Edwards R.W.	F. U. A/3 W/O F/3 U/O R/O	19.41	--	This a/c took off to attack MAGDEBURG with 2 x 1000 lb. M.G., 2 x 50 lb. L.G. and 900 x 1 lb. incendiaries, since which time nothing has been heard from it and its loss must be presumed to be due to enemy action.	A.1227
21/22nd Jan.	HALIFAX II DL. 189 "J"	J. 13055 J. 21718 R. 82501 R. 125013 1571133 1821772 J. 17462	F/O. H.F. Brown F/O. L. Zushko F/Sgt. Finner P.S. W/O. Erper J.J. Sgt. McDonald W. Sgt. Whitecross P. F/O. M.S. Willard	F. N. A/3 W/O F/3 U/O R/O	19.55	02.47	Successful. Target MAGDEBURG with bombload as above. Target identified by green TI which were in B/S. Good fires had taken hold, well concentrated E. of TI, seemed to be scattered bombloads. Glow of fires seen for 100 miles of T/A. Saw two bombers explode in air after crossing enemy coast on way to target, also fire on ground possibly a/c. Heavy flak encountered at coast, good deal of 47. activity on way home.	A.1228
21/22nd Jan.	HALIFAX II JP. 130 "K"	J. 10959 120430 CAN. 102184 143653 1415690 R. 173303 1917123	F/O. J.P. Stewart F/O. W.E. Coleman F/Sgt. Cooper D.M. F/O. S.E. Bedford Sgt. Hickford W.A. Sgt. Curran H.O. Sgt. Endacott E.E.	F. N. A/3 W/O F/3 U/O R/O	19.57	03.06	Successful. Target MAGDEBURG with bombload as above. Target identified by route marking, sky and ground markings. Cluster of green TI in B/S. Large explosion seen 21.12 hrs., warehouses in port area on fire. A/c arrived early, orbited twice before bombing run. F at 21.50 hrs., G and R not seen. A.1229 H2S u/s. N/F flares on route at intervals, many over T/A. Much activity over WESER and ROEMERBERG indicating a/c strayed over that area.	A.1229
21/22nd Jan.	HALIFAX II JP. 125 "L"	R. 423865 J. 13832 R. 112299 1043547 1588557 R. 152421 1559242	F/O. E. Johnson F/O. C.E. Siddall W/O. McLaughay L.A. Sgt. Pattle J.H. Sgt. Tunstall R.D. Sgt. Oesser A.E. Sgt. Galleher G.	F. N. A/3 W/O F/3 U/O R/O	19.58	02.53	Successful. Target MAGDEBURG with bombload as above. Target identified by route markers, sky and ground markers, visually. A.1230 by built up area, confirmed by H2S. Centre of group red TI on ground in B/S. Attack seemed widely scattered. F at 21.51 hrs., G 22.32 hrs., R not seen. FFF flares late, many a/c arrived before burning had begun. N/F flares along route in and out to T/A, laid across lanes on entry and exit.	A.1230
21/22nd Jan.	HALIFAX II JP. 119 "O"	R. 134052 J. 11952 J. 23452 434709 149552 R. 188384 R. 90747	F/Sgt. Palmer F.H. F/O. E. Enckmal F/O. G.E. Lessrick F/Sgt. Kelly P.P. Sgt. Perrott J.H. Sgt. Tackett E. Sgt. Milner E.P.	F. N. A/3 W/O F/3 U/O R/O	19.31	02.56	Successful. Target MAGDEBURG with bombload as above. Target identified by route markers and red and green TI and H2S. 3 red TI on ground in B/S. 9 fires seen in line following river through built up area, 2 smoke columns. F at 21.52 hrs., G 22.32 hrs., R 23.26 hrs. TR.1196 aerial shot show diversion ATTEMPT to LAMBERTHAW not received. Broadcast winds not helpful as in previous. Many fighter flares seen. Diversion received 00.30 hrs. 10 miles from HELLIGOLAND, necessitating course parallel to SWISS ISLANDS.	A.1231
21/22nd Jan.	HALIFAX II JP. 131 "S"	J. 19336 J. 20609 R. 146767 1575653 1407479 R. 88321 1590775	F/O. D.H. Maclean F/O. A.R. Baker F/Sgt. Clancy E.G. Sgt. Woodhall A.R. Sgt. Harris D.W.H. Sgt. Auld J.H. Sgt. Stephenson B.V.	F. N. A/3 W/O F/3 U/O R/O	19.53	02.33	Successful. Target MAGDEBURG with bombload as above. 9/10ths strata cloud, tops 8,000 ft. Target identified by scattered red and green T.I. markers cascading. Centre of red and green TI markers in B/S. H2S u/s. Scattered bomb bursts seen, attack did not appear concentrated.	A.1232

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
21/22nd Jan.	HALIFAX II HR 910 "R"	1389404 F/Sgt. Marjoram G.H. P. 1686400 F/O P. Lees N. 1654879 Sgt. Round D.S. A/B. 1653905 Sgt. McKane W.F. W/O. 1653801 Sgt. Backer W.F.R. F/E. R.139538 F/Sgt. Sylvester V.S. U/G. 958380 Sgt. Sullivan R.W.G. R/G.	P. N. A/B. W/O. F/E. U/G. R/G.	19.43	02.43	Successful. Target MAGEBURG with 2 x 1000 lb. H.C., 2 x 30 lb. I.C. and 900 x 4 lb. incendiaries. Target identified by red then green TI, centre of concentration of these in B/S. A.1232 as a/c 15 mins. early bombing, difficult to assess results, although few scattered fires had started to obtain hold. Enemy appear using tracerless fire as several a/c seem to explode for no apparent reason. 3 along route, 3 over T/A, 2 over our coast. Heavy and intense flak over coast encountered.	
21/22nd Jan.	HALIFAX II "N" 953 "N"	C.1625 S/Ldr. E.C. Humber P. J.22605 F/O S.G. Pridy N. J.25125 F/O J.A. Neal A/B. R.97357 W/O. Hope J. W/O. 1537278 Sgt. Kemp A.E. F/E. 2220339 Sgt. Minton W.F. U/G. R.188459 Sgt. Leyce J.R. R/G.	P. N. A/B. W/O. F/E. U/G. R/G.	19.38	02.41	Successful. Target MAGEBURG with bombload as above. Target identified by red and green TI, red flares with green stars. A.1233 Green TI on ground in B/S. Fires burning well, much smoke coming up. Caught in predicted flak for 2 1/2 mins. over HANNOVER, sustained about 65 holes all over a/c, avoided subsequent flak by evasive action. Starboard inner out for half minute, probably due to bank of a/c. Petrol tanks hit but lost no petrol in air. A/G land at LAKENHEATH.	
21/22nd Jan.	HALIFAX II JD.114 "N"	R.146628 F/Sgt. Quinn J.D. P. R.128451 Sgt. Carve E.F. N. J.25352 F/O D.L. Lewis-Watts A/B. 1390366 Sgt. Ekolson E.J.H. W/O. R.54691 Sgt. Petrina M.F. F/E. R.184242 Sgt. Weeks D.F. U/G. R.133231 W/O. Dwyer E.C. R/G.	P. N. A/B. W/O. F/E. U/G. R/G.	19.36	03.20	Successful. Target MAGEBURG with bombload as above. Target identified by green TI, concentration of these in B/S. Red A.1234 TI seen being dropped after a/c left T/A. Four large pkgs. windows brought back, Nav. inter-comm. u/s. N/F flares dropped in lane over T/A, N/F's very active. P at 22.02 hrs. Q 22.07 hrs. R not seen. PFF accurate.	
21/22nd Jan.	HALIFAX II JD.468 "N"	R.137426 F/Sgt. Murray J.G. P. J.21188 F/O P.H. Love N. R.125370 Sgt. Long H.C. A/B. R.102523 W/O. Chartrand W.J.H. W/O. 1604133 Sgt. Hill A.G. F/E. R.188126 Sgt. Wilson J.J. U/G. R.183568 Sgt. Sangster D.S.M. R/G.	P. N. A/B. W/O. F/E. U/G. R/G.	19.33	02.35	Successful. Target MAGEBURG with bombload as above. Port outer caught fire, kept burning after feathered, extinguished. A.1235 by Graviner system. Operation abandoned. 22.00 hrs. 53.30 M. 08.00 E. 18,000 ft., full load jettisoned live same position, 17,000 ft. Caught in predicted flak WILSHURSHAVEN area. Attack by N/F with rocket which was exploded by R/G near PRISIAN. All gyro instruments u/s after engine out. Monies pipped when hit by R/G, N/F not seen.	
21/22nd Jan.	HALIFAX II LE.325 "N"	159023 F/O J.G. HAMILTON P. 1592137 F/Sgt. Rogers B. N. 159136 F/O W.E. Fleay A/B. 182721 Sgt. Spinks S.E. W/O. 1806465 Sgt. Vickers D.G. F/E. 489004 Sgt. Wiggins W.H. U/G. 691746 Sgt. Harris R.W. R/S.	P. N. A/B. W/O. F/E. U/G. R/S.	19.52	03.06	Successful. Target MAGEBURG with bombload as above. Target identified by flares with green stars, red and green TI seen. A.1236 after bombing. Green TI in B/S. Good concentration incendiaries seen through cloud after leaving. Saw PFF a/c explode in air on way into T/A, 2 HL 88's seen in T/A.	
28/29th Jan.	HALIFAX II LE.237 "A"	J.22145 F/O L.T. Lucas P. J.22163 F/O G.P. Davies N. R.145421 F/Sgt. Hirdsine J.E. A/B. R.44564 F/Sgt. Fitch G. W/O. R.432248 Sgt. Herrlett G.R. F/E. R.150892 Sgt. Denham J.F.C. U/G. R.185480 Sgt. Johnson T.R.N. R/G.	P. N. A/B. W/O. F/E. U/G. R/G.	00.02	08.26	Successful. Target BERLIN with 1 x 2000 lb. H.C., 2 x 30 lb. I.C., and 540 x 4 lb. incendiaries. Target identified by A.1237 route and sky markers, sky markers in B/S. Reddish orange flame seen under cloud. Fires well concentrated around PFF, glow seen for 1 1/2 miles. PFF concentrated and fires burning well, could be seen after a/c left DANISH coast.	

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# OPERATIONS RECORD BOOK

APPENDIX "A"

R.A.F.  
FORM 541.

DETAIL OF WORK CARRIED OUT

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

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(1941) Wk. 419-1-41 80000 31st I.A. 700  
(1941-42) Wk. 419-1-41 8000 1000 1000 I.A. 700

FOR THE MONTH OF January 1944

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES	
				UP	DOWN			
28/29th Jan.	HALIFAX II ND. 456 "B"	J. 22142 F/O. A. J. Ryford F. 24355 F/O. R. V. Daly R. 114756 F/Sgt. Frewitt F. W. 126333 Sgt. Tommy R. 184501 Sgt. Holder A. R. R. 188973 Sgt. Fraser M. C. 1834457 Sgt. Derrley L.	F/O. A. J. Ryford F/O. R. V. Daly F/Sgt. Frewitt F. W. Sgt. Tommy R. Sgt. Holder A. R. Sgt. Fraser M. C. Sgt. Derrley L.	P. N. A/B W/O F/E U/C R/C	23.43	08.14	Successful. Target BERLIN with 1 x 2000 lb. A.C., 24 x 30 lb. H.C. and 630 x 4 lb. incendiaries. Target identified by sky markings and scattered green II on ground. Sky markers in E/S, also green II on ground. Concentrated seemed gaining hold. On leaving 1/4 large orange explosion seen 03.17 hrs. FFF markings slightly scattered, possibilities of good attack.	A.122
28/29th Jan.	HALIFAX II LN. 325 "B"	C. 1395 W/Odr. W. P. Fleasance J. 21910 F/O. L. A. Rotstein J. 22498 F/O. D. R. Taylor 1213524 Sgt. Stanley R. M. R. 166007 Sgt. McGill M. B. R. 193140 Sgt. Tegg J. F. R. 159397 F/Sgt. Ince H. L.	W/Odr. W. P. Fleasance F/O. L. A. Rotstein F/O. D. R. Taylor Sgt. Stanley R. M. Sgt. McGill M. B. Sgt. Tegg J. F. F/Sgt. Ince H. L.	P. N. A/B W/O F/E U/C R/C	23.51	08.42	Successful. Target BERLIN with 1 x 2000 lb. H.C., 24 x 30 lb. H.C. and 540 x 4 lb. incendiaries. Target identified by route and sky markings, sky markers in E/S. Fires burning A. 1239 fiercely over large area. 2 large explosions seen, 1 in 2/A the other to N. end. 1/4 S.W. of 2/A, admitted to N. and bombed on 117 degs. N.	
28/29th Jan.	HALIFAX II EK. 189 "B"	J. 21924 F/Lt. H. A. Hewitt J. 19524 F/O. C. J. Foley J. 21534 F/O. H. A. Lee R. 120617 F/Sgt. Salaba J. J. 167314 Sgt. Edmondson J. R. 139638 F/Sgt. Griffiths W. F. R. 140327 F/Sgt. Broadhurst J. W.	F/Lt. H. A. Hewitt F/O. C. J. Foley F/O. H. A. Lee F/Sgt. Salaba J. J. Sgt. Edmondson J. F/Sgt. Griffiths W. F. F/Sgt. Broadhurst J. W.	P. N. A/B W/O F/E U/C R/C	23.53	07.50	Successful. Target BERLIN with bombload as above. Target identified by sky markers and visually after bombing. Centre of sky markers in E/S, own bombs seen to burst. One large explosion seen 02.28 hrs., lit up sky for 5/10 secs. Very many S/L's seen to E. of BERLIN, very few penetrated cloud. On approach from DANISH many N/E fires seen covering approach over land. 1/4 slightly late in third wave, saw 2/A combats in this area later.	A.1240
28/29th Jan.	HALIFAX II JB. 130 "K"	J. 18937 F/O. J. B. Morrison J. 22553 F/O. G. M. Andrews J. 20815 F/O. E. A. Highland J. 19056 F/O. W. B. Touche 1684161 Sgt. Leach H. R. 132130 F/Sgt. Johnson A. E. R. 104429 F/Sgt. Lyne J. H.	F/O. J. B. Morrison F/O. G. M. Andrews F/O. E. A. Highland F/O. W. B. Touche Sgt. Leach H. F/Sgt. Johnson A. E. F/Sgt. Lyne J. H.	P. N. A/B W/O F/E U/C R/C	00.12	08.24	Successful. Target BERLIN with bombload as above. Target identified by FFF sky markings. Bombed on red-flares with green stars. Large explosion seen vari-coloured at 03.18 hrs., lit up large area N. of FFF marking for 20 secs. Attack appeared concentrated and successful judging from glimpses of 2/A seen through breaks in cloud.	A.1241
28/29th Jan.	HALIFAX II JP. 125 "B"	J. 20078 F/O. R. E. Betcher R. 147617 F/Sgt. Johnson T. B. CAN. 1530 Sgt. Barlow J. A. 1317446 Sgt. Darbey B. 1282476 Sgt. Baylis E. J. R. 193135 Sgt. Turbitt D. G. R. 198726 Sgt. Robb T. M.	F/O. R. E. Betcher F/Sgt. Johnson T. B. Sgt. Barlow J. A. Sgt. Darbey B. Sgt. Baylis E. J. Sgt. Turbitt D. G. Sgt. Robb T. M.	P. N. A/B W/O F/E U/C R/C	23.59	08.28	Successful. Target BERLIN with bombload as above. Target identified by sky markers, these were in E/S. Heavy explosion seen at 02.35 hrs., with reddish orange flames concentrated fires burning. FFF appeared to mark two A/S's, one large and one slightly to E. Attack appeared scattered at first but shaping up well. Glow of fires could still be seen when 1/4 crossing DANISH coast at 04.40 hrs.	A.1242
28/29th Jan.	HALIFAX II JP. 119 "B"	R. 136052 F/Sgt. Palmer F. E. J. 11952 F/O. F. Forrest F. 23666 F/O. G. B. Lesterick 1331709 F/Sgt. Reilly F. T. 1669552 Sgt. Parrott W. J. H. R. 188384 Sgt. Tarbet E. R. 90747 Sgt. Milner E. P. J. 25385 F/O. S. J. Gibson	F/Sgt. Palmer F. E. F/O. F. Forrest F/O. G. B. Lesterick F/Sgt. Reilly F. T. Sgt. Parrott W. J. H. Sgt. Tarbet E. Sgt. Milner E. P. F/O. S. J. Gibson	P. N. A/B W/O F/E U/C R/C 2nd. P.	23.35	08.25	This aircraft took off to attack BERLIN with bombload as above, since which time nothing has been heard from it and its loss must be presumed to be due to enemy action.	A.1243

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
28/29th. Jan.	HALIFAX II EW. 328 "P"	J. 20065 P/O. R.L. Boe J. 44190 P/O. J.W. Smith R. 441512 P/Sgt. McLelland J. 1312230 Sgt. Hayter A.J. 1801234 Sgt. Dearman L.W. R. 441373 P/Sgt. Fox K.G. R. 151215 Sgt. Salkeld H.A.	P. N. A/B W/O P/E U/C R/C	00.06	06.08	Successful. Target BERLIN with 1 X 2,000 lb. HD, 24 X 50 lb. L.C. and 630 x 4 lb. incendiaries. Target identified by sky marking, a cluster of about 9 flares seen. Sky markers in B/S, the centre of cluster. Fires fairly well spread, seeming more to E. of city. Two large explosions seen, one at 03:15 and one at 03:27 hrs.	
28/29th. Jan.	HALIFAX II JD. 459 "Q"	162818 P/O. G.W. Scade 1577546 P/Sgt. Dickinson M.O.R. R. 442405 P/Sgt. Thompson G.O. 1431076 Sgt. Hallitt A.W. 1587693 Sgt. Gupper C.H. 1818825 Sgt. Mason T.D. R. 173938 P/Sgt. Lee G.R.	P. N. A/B W/O P/E U/C R/C	00.10	06.35	Successful. Target BERLIN with bombload as above. Target identified by red flares with green stars, also green TI on ground seen after bombing. Red flares, green stars in B/S. Huge red explosion lighting up clouds for few secs. seen on approach to T/A. Good fires with much black smoke seen on leaving T/A, glow of fires seen from ROOSTOCK. P.F.F. appeared fairly good, seemed good attack. Very few N.F.'s seen.	A-1245
28/29th. Jan.	HALIFAX II HR. 910 "R"	J. 10959 P/O. J.G. Stewart 120430 P/O. W.E. Coleman 143653 P/O. S.E. Bedford 1615050 Sgt. Hickford W.A. E. 173303 Sgt. Curran H.C. 1811123 Sgt. Endacott E.R.	P. N. A/B W/O P/E U/C R/C	23.56	06.11	Successful. Target BERLIN with 1 x 2,000 lb H.C., 24 x 50 lb. L.C. and 540 x 4 lb. incendiaries. Target identified by sky markers and P.F.F. route markers. Red flares with green stars in B/S. Concentration of fires judged by glow on clouds appeared good, appeared to be two concentrations, one due E and one due N. of centre of city. Attack appeared only partially successful. Met as predicted apart from winds.	A-1246
28/29th. Jan.	HALIFAX II JE. 131 "S"	J. 19336 P/O. D.H. MacLean J. 20469 P/O. A.E. Baker R. 158757 P/Sgt. Gouling S.A. 1575493 Sgt. Woodhall A.R. 1607179 Sgt. Harris D.W.H. R. 86321 Sgt. Auld J.M. 1590775 Sgt. Stephenson E.V.	P. N. A/B W/O P/E U/C R/C	00.04	07.59	Successful. Target BERLIN with bombload as above. Target identified by sky markers and ground markers through cloud. Large orange explosion seen in T/A when 15 M. away from target. Large orange fires seen around marking, scattered fires over entire T/A - glow seen as far as coast on way out.	A-1247
28/29th. Jan.	HALIFAX II JD. 174 "T"	R. 118334 W/O. Herbert R.G. J. 20236 P/O. F.A. Ebdon R. 158805 P/Sgt. Cardno M.B. 1318176 Sgt. Owen L.P. 1608414 Sgt. Hall J.W.F. R. 75742 Sgt. Miles R.I. 1890041 Sgt. Grisp E.A.	P. N. A/B W/O P/E U/C R/C	00.07	08.20	Successful. Target BERLIN with bombload as above. Target identified by red flares with green stars on ground, also 2 red TI, red flares and green stars in B/S. Big explosion seen 03.14 hrs ahead as A/C approached T/A, sky lit up through cloud by orange flash. A smaller explosion seen while over T/A. Slight glow of fires seen while passing ROOSTOCK. N.F. flares dropped in pairs, but no N.F. seen in T/A.	A-1248
28/29th. Jan.	HALIFAX II JD. 468 "U"	R. 130234 P/Sgt. McLeod D.K. J. 21569 P/O. J.R. Piper R. 112661 Sgt. Peattie J.E. 1561517 Sgt. Gettings J. R. 61333 Sgt. Leckie M.R. 10501032 P/Sgt. Blount E. R. 183946 Sgt. Hackbart A.H.	P. N. A/B W/O P/E U/C R/C	23.39	08.06	Successful. Target BERLIN with bombload as above. Target identified by red flares with green stars, these in concentration in B/S. One huge red explosion seen 4/5 min. after leaving T/A, sky lit up and much black smoke. Good concentration fires seen through cloud, glow seen 60/100 miles away. P.F.F. seemed well placed in good concentration, good fires left burning and attack seemed successful.	A-1249

