

# OPERATIONS RECORD BOOK

APPENDIX 1

R.A.F.  
FORM 541

## DETAIL OF WORK CARRIED OUT

BY 424 (R.C.A.F.) SQUADRON

SECRET

PAGE No. ONE

(\*1276-5211) WL 8289-1124 700 R14 T.S. 700  
(\*1276-5211) WL 4480-1124 1500 R14 T.S. 700

FOR THE MONTH OF JANUARY 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
2nd JAN. 1945	OPERATION NO. 149 - BOMBING LUDWIGSHAFEN - BOMB LOAD - All A/C carried 16 x 500 lb. bombs. All Halifax Mk. III A/C.						App. 2
2nd JAN. 1945	"A" NL 227	CAPT F/O SANDERS & CREW. 2nd Plt. W/C WILLIAMS	J. 27679	1435	2207	This A/C bombed target at 1846 hrs. from 18,000 feet, heading 031 and I.A.S. 150. Low haze, visibility good. Bombed centre of good concentration of red T.I.'s. Seven fairly large explosions seen around A/P. P.P.F. definitely good. Good trip and should be a successful night raid. Crew brought A/C safely down at base.	A. 1721
2nd JAN. 1945	"B" NL 813	CAPT F/O STUART & CREW.	J. 35648	1434	2213	This A/C bombed target at 1849 hrs. from 18,500 feet, heading 034 and I.A.S. 160. Thin low cloud, visibility good. Bombed centre of red T.I.'s, which were well concentrated around markers A/P. Bombing appeared to be very accurate on markers. Three good explosions with orange flames seen at 1851 hrs. icing conditions encountered over France. Crew brought A/C down safely at base.	A. 1722
2nd JAN. 1945	"C" NL 164	CAPT F/L THOMAS & CREW.	J. 7975	1438	2226	This A/C bombed target at 1847 hrs. from 18,500 feet, heading 005 and I.A.S. 155. 3/10th low cloud to 4,000 ft. visibility fair. Bombed centre of red T.I.'s which were well concentrated. Several large explosions seen. By visual check this should be very good raid. No congestion, good route. Crew brought A/C back and landed safely at base.	A. 1723
2nd JAN. 1945	"E" NL 754	CAPT F/O MITCHELL & CREW.	J. 35941	1440	2230	This A/C bombed target at 1852 hrs. from 18,000 feet, heading 034 and I.A.S. 150. Light haze or smoke, visibility good. Bombed on centre of concentration of red T.I.'s. Many incendiary fires going. Target well lit up. Markers appeared well on target and every indication of an effective trip. Crew brought A/C back and landed safely at base.	A. 1724
2nd JAN. 1945	"F" NL 356	CAPT F/O BECKETT & CREW.	J. 37209	1457	2224	This A/C bombed target at 1847 hrs. from 20,000 feet, heading 033 and I.A.S. 150. Clear thin layer of cloud, visibility good. Bombed centre of concentration of red and green T.I.'s, which were well placed. Several large orange-coloured explosions seen. Good attack. No congestion, tactics and met. O.K. Crew brought A/C back and landed safely at base.	A. 1725
2nd JAN. 1945	"G" NL 258	CAPT F/L LUNDREN & CREW. 2nd Plt SGT OZGENS	J. 17061	1432	2215	This A/C bombed target at 1848 hrs. from 20,000 feet, heading 031 and I.A.S. 150. Low haze, visibility good. Bombed centre of red and green T.I.'s which were in a tight circle around A/P. Bombing good, none scattered. Many explosions seen. A good effort from what indications seen. Crew brought A/C back and landed safely at base on return.	A. 1726

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
2nd JAN. 1945	"U" NZ.418	CAPT F/O REYNOLDS & CREW.	J.35869	1505	2217	This A/C bombed target at 1847 hrs. from 19,500 feet, heading 029 and I.A.S. 178. Low stratus cloud, visibility good. Bombed centre of red T.I.'s which were well concentrated around A/P. Many large explosions seen whilst over target and many fires could be seen 60 miles away after leaving. Very good trip. Crew brought A/C safely back to base.	A.1727
2nd JAN. 1945	"K" NZ.210	CAPT F/O HAWTHORN & CREW.	J.36325	1436	2155	This A/C bombed target at 1847 hrs. from 19,500 feet, heading 031 and I.A.S. 156. Thin mist and haze but visibility good. Bombed centre of concentration of red T.I.'s. Green T.I.'s seen coming down after bombs away. One large white explosion seen when over target. Should be good effort. Crew brought A/C safely back and landed at base.	A.1728
2nd JAN. 1945	"L" NZ.902	CAPT F/O TAYLOR & CREW.	J.27844	1439	2228	This A/C bombed target at 1846 hrs. from 19,000 feet, heading 031 and I.A.S. 150. Low cloud but visibility fair. Bombed centre of red and green T.I.'s which were well concentrated. Several large explosions seen in target area. No congestion. Should be very successful raid. Crew brought A/C down safely at base.	A.1729
2nd JAN. 1945	"O" LW.119	CAPT F/O KIBBER & CREW.	J.25840	1441	2231	This A/C bombed target at 1847 hrs. from 18,500 feet, heading 025 and I.A.S. 150. Patchy layers light cloud, visibility good. Bombed centre of red T.I.'s. Huge yellow explosion seen at 1847 hrs. Many fires started on leaving target, could be seen 50 miles away. 1 x 500 lb. bomb hung up and was jettisoned safe at 5212N. 0316 E. at 2039 hrs. from 9,000 feet. Marking clear, met. as briefed and everything favoured a good attack. Crew brought A/C safely down at base.	A.1730
2nd JAN. 1945	"Q" NZ.228	CAPT F/O MACLEAN & CREW.	J.16733	1448	2210	This A/C bombed target at 1847 hrs. from 20,000 feet, heading 031 and I.A.S. 155. Clear, some low haze, visibility good. Bombed centre of red and green T.I.'s. Target was being well bombed and many bomb bursts seen around A/P. A very good raid. Conditions were excellent for a good prang. Concentration and bombing good. Crew brought A/C safely back to base.	A.1731
2nd JAN. 1945	"R" NZ.940	CAPT F/O MOIR & CREW.	J.27003	1445	2153	This A/C bombed target at 1845 hrs. from 19,500 feet, heading 030 and I.A.S. 165. Thin cloud to 4,000 feet, visibility good. Bombed centre of 3 clusters of red T.I.'s. Large orange explosion seen at 1847 hrs. lighting up a large area. Marking good and on A/P. Good raid. No difficulties encountered and crew brought A/C safely back to base.	A.1732

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PAGE No. TWO

\*12700-25171 W/L 22222-1121 70W 8121 T.S. 700  
\*12700-25171 W/L 44000-1381 150W 1121 T.S. 700

FOR THE MONTH OF JANUARY 19 45.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
2nd JAN. 1945	"N" NR.146	CAPT F/O COWAN & CREW. 2nd Plt F/O McINROY	J.85095	1443	2211	This A/C bombed target at 1844 hrs. from 18,000 feet, heading 100 and I.A.S. 150. Thin cloud, visibility excellent. Bombed centre of concentration of red T.I.'s. Large explosion seen at 1846 hrs. emitting great yellow-orange flame. Marking plentiful and concentrated. Met as briefed entire trip. Effective effort. Crew brought A/C back and landed safely at base.	A.1733
2nd JAN. 1945	"Y" LW.353	CAPT F/O WRIGHT & CREW 2nd Plt F/O FACHE	J.21937	1454	2223	This A/C bombed target at 1846 hrs. from 20,000 feet, heading 002 and I.A.S. 150. Clear, slight haze, visibility good. Bombed centre of red T.I.'s and visually. Red T.I.'s were right on A/P. Explosions seen at bombing time and larger ones seen after leaving. Large incendiary fires seen in South Centre of target. Good concentration effort. Crew brought A/C safely back to base.	A.1734
2nd JAN. 1945	"W" LW.194	CAPT F/O SILLERS & CREW.	J.26991	1450	2222	This A/C bombed target at 1846 hrs. from 19,000 feet, heading 030 and I.A.S. 170. Thin low cloud, visibility good. Bombed centre of red T.I.'s which were well concentrated. One large explosion seen at 1846 hrs. near T.I.'s lasting 5-10 secs. Good trip. Crew brought A/C safely back to base.	A.1735
2nd JAN. 1945	"X" ME.805	CAPT F/L ROSS & CREW.	J.8165	1459	2149	This A/C bombed target at 1844 hrs. from 19,500 feet, heading 033 and I.A.S. 155. Visibility clear, thin ground haze. Bombed centre of clusters of red T.I.'s which seemed well on time and well placed on visual check. Large explosion seen on turning away from target. Very good attack. No difficulties encountered and crew brought A/C safely back to base.	A.1736
5th JAN. 1945	OPERATION NO. 158 - BOMBING HANOVER All Halifax Mk. III A/C.		BOMB LOAD - ALL A/C carried 16 x 500 lb. bombs.				App.3
5th JAN. 1945	"O" LW.119	CAPT F/L ALDWORTH & CREW.	J.13051	1618	2209	This A/C bombed target at 1921 hrs. from 19,000 feet, heading 137 and I.A.S. 155. 10/10th stratus cloud to 10,000 ft. visibility good. Bombed centre of large salvos. There were a lot of flares dropped and they seemed well concentrated. Nothing seen underneath but glow on cloud. Good trip. If P.F.F. were on should be a fair effort. Crew brought A/C safely back to base.	A.1737

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
5th JAN. 1945	"Q" NR.228	CAPT F/O SAUNDERS & CREW.	J.89293	1626	2218	This A/C bombed target at 1922 hrs. from 18,500 feet, heading 137 and I.A.S. 155. 10/10th cloud to 8-10,000 ft. visibility good above. Bombed centre of 10-12 sky markers, which were on time and well concentrated. Other bombing seemed good. M/B heard clearly in and out of target. Should be good xix raid if markers O.K. Crew brought A/C back and landed safely at base.	A.1738
5th JAN. 1945	"R" NR.940	CAPT F/L STALBERGER & CREW. 2nd Plt W/C WILLIAMS	J.13402	1621	2216	This A/C bombed target at 1922 hrs. from 17,000 feet, heading 137 and I.A.S. 160. 10/10th low cloud, visibility good. Bombed centre of glow of green T.I.'s. Glow of S/I and T.I.'s illuminating base of cloud. Marking well timed and ample. Did not hear M/B until after bombs away. Tactics good. Hard to assess due to cloud. Crew brought A/C safely back and landed at base.	A.1739
5th JAN. 1945	"S" NR.151	CAPT F/O GRANT & CREW.	J.29142	1624	2203	This A/C bombed target at 1920 hrs. from 18,500 feet, heading 137 and I.A.S. 125. 10/10th cloud to 10,000 feet visibility good above. Bombed two clusters of sky markers, which seemed fairly well on time and well grouped. Bombing seemed good. 3 x 500 lb. bombs hung up so bombed with these on built up area position 51.60N. 0853E. at 1935 hours from 14,000 feet instead of jettisoning them. At position 5308N. 0656E. at 1843 hrs. after being indicated on Fishpond, Pilot sighted F.W. 190 on starboard beam level. Fighter curved out and started attack and M/U opened fire at 300 yds. and scoring hits with opening burst, the R/A/C breaking out in flames on starboard wing, spreading rapidly over the whole aircraft. R/A/C attempted to break away by crossing astern and R/C firing a short burst as he passed. Fishpond warned again of another A/C located at approx. 700 yds. burst an orange light on starboard quarter. This A/C did not attempt to close in, gradually being lost to sight. F/E reported that 1st A/C seemed to climb slightly after breaking away then levelled off, well on fire and trailing black smoke, dropping back still at the same level until lost to sight. Crew brought A/C back and landed safely at base.	A.1740
5th JAN. 1945	"T" NR.356	CAPT F/O HANTHORN & CREW.	J.86925	1619	2158	This A/C bombed target at 1921 hrs. from 18,000 feet, heading 137 and I.A.S. 155. 10/10th cloud to 10,000 feet, visibility good above. Bombed centre of sky markers. Places were of good quantity and seemed well placed. Cloud prevented assessment. If sky marking accurate bombing should be good as concentration good. Crew brought A/C back and landed safely at base.	A.1741

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\*1296-8511 WL 6880-1174 708 841 7.5 700  
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FOR THE MONTH OF JANUARY, 1945

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
5th JAN. 1945	"V" LW.953	CAPT F/O WRIGHT & CREW.	J.23937	1629	2208	This A/C bombed target at 1926 hrs. from 17,500 feet, heading 137 and I.A.S. 160. 10/10th cloud with tops at 10,000 ft., visibility good. Bombed centre of three sky markers. Nothing seen below due to cloud density but if marking accurate should be good effort as bombing was concentrated. Crew brought A/C down safely at base on return.	A.1742
5th JAN. 1945	"W" LW.194	CAPT F/O CHURCH & CREW.	J.89816	1622	2228	This A/C arrived over target at 1921 hrs. only to discover that bomb doors would not open. On leaving primary target glow was seen through clouds. There was 10/10th cloud to 10,000 feet with visibility good above. Proceeded to alternate target - OSHANUK - and was successful in bombing at 1952 hrs. from 15,000 ft. heading 270 and I.A.S. 185. Bombed on B.E. checked by Gee. Went off track slightly to bomb. Crew brought A/C safely back to base.	A.1743
5th JAN. 1945	"N" NR.116	CAPT F/O COWAN & CREW.	J.85095	1628	2154	This A/C <del>arrived over</del> bombed target at 1921 hrs. from 18,000 feet, heading 137 and I.A.S. 160. 10/10th low cloud, visibility excellent. Bombed on centre of red "Wangani" on instructions of W/Lt. Could see flash of bomb bursts and also yellow glow through clouds for about 100 miles. 1 x 500 lb. bomb hung-up and were unable to jettison same so brought it back to base. If markers on, should be effective effort. Crew brought A/C down safely at base on return.	A.1744
6th JAN. 1945	OPERATION NO. 151 - BOMBING HANAI - BOMB LOAD - All A/C carried 1 x 2000 lb. bomb and 1166 x 4 lb. incendiary bombs.						App. 4
	All Halifax Mk. III A/C						
6th JAN. 1945	"O" LW.119	CAPT F/L ALLWORTH & CREW.	J.13051 J.13051	1517 1526	2250 2322	This A/C bombed target at 1910 hrs. from 19,500 feet, heading 138 and I.A.S. 155. 10/10th cloud to 9,000 ft., visibility good above. Bombed one cluster of red T.L.s and flares. Marking somewhat sparse, seemed to lack backing up. Good glow after target left for about 60 miles. Good trip. Attack good if F.P.F. O.K. Crew brought A/C safely down at base on return.	A.1745
6th JAN. 1945	"Q" NR.228	CAPT F/O SAUNDERS & CREW.	J.89293	1512	2242	This A/C bombed target at 1912 hrs. from 19,500 feet, heading 136 and I.A.S. 160. 10/10th thick cloud to 8-12,000 feet, visibility good. Bombed centre of three "Wangani", red and green stars. A red glow was seen under cloud. Mkt. seemed a bit off. Marking ample. Good concentration of A/C. Crew brought A/C down safely at base on return.	A.1746

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
6th JAN. 1945	"R" NP. 940	CAPT F/L STALBERGER & CREW.	J.13402	1513	2227	This A/C bombed target at 1910 hrs. from 20,000 feet, heading 130 and I.A.S. 155. 10/10th stratus cloud to 6 - 8,000 ft. visibility good above. Ran up to target on 5 flares but these were all shot out by flak and then one dropped which we bombed. Explosions could be seen below but not definite. Large glow lighting whole area may indicate good fires. P.F.F. seemed good and fav. checks indicate accuracy. Could be a fair effort. Crew brought A/C back and landed safely at base.	A.1747
6th JAN. 1945	"R" NR. 146	CAPT F/O GRANT & CREW.	J.29142	1530	2240	This A/C bombed target at 19.10 hrs. from 19,000 feet, heading 138 and I.A.S. 170. 10/10th cloud to 10,000 feet, visibility good above. Bombed centre of two clusters of "Wangamui". Cloud well lit up from fires. Quiet trip, good tactics. Fair raid but results obscure due to cloud cover. Crew brought A/C down safely at base on return.	A.1748
6th JAN. 1945.	"T" NR. 156	CAPT F/L GREEN & CREW.	J.11327	1520	2234	This A/C bombed target at 1911 hrs. from 20,000 feet, heading 138 and I.A.S. 155. 10/10th low cloud, visibility above excellent. Bombed on one red marker, still burning, rest burned out on run up. Markers few but seemed well placed. Other bombing seemed grouped and glow of fires seen below. Poor raid due to lack of markers. If the few down were S.L., should be fair raid. No difficulties encountered and crew brought A/C safely back to base.	A.1749
6th JAN. 1945	"T" LW. 953	CAPT F/O WRIGHT & CREW.	J.23937	1529	2229	This A/C bombed target at 1910 hrs. from 18,000 feet, heading 138 and I.A.S. 155. 10/10 thin cloud to 10,000 feet, visibility good. Bombed on smoke of "Wangamui". Bomb bursts seen through cloud. Cloud base lit up by S/L's. Thin markers. Several photo flashes seen. Little to assess effort on. Crew brought A/C safely down at base on return.	A.1750
6th JAN. 1945.	"T" LW. 1943	CAPT F/O CHURCH & CREW.	J.89816	1521	2245	This A/C bombed target at 1911.7 hrs. from 19,000 feet, heading 138 and I.A.S. 155. Heavy low cloud to 10,000 ft. visibility good above. Bombed centre of large concentration of "Wangamui" markers just going out. P.F.F. seemed to have trouble keeping enough markers as they were being shot out. Large glow under cloud indicated fires below. If markers on, could be a fair effort. Crew brought A/C down safely at base on return.	A.1751
6th JAN. 1945	"T" NR. 947	CAPT F/O COWAN & CREW.	J.85095	1516	2206	This A/C bombed target at 1920 hrs. from 18,500 feet, heading 138 and I.A.S. 160. Heavy low cloud, visibility above very good. Bombed smoke trail from red "Wangamui" flares. Other bombing seemed well grouped. Results not seen below, clouds illuminated by S/L's. Marking could have been much better. No difficulties encountered and crew brought A/C down safely at base.	A.1752

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PAGE No. FOUR

\*1237-10111 WL 2372-1155 750 1044 T.S. 800

FOR THE MONTH OF JANUARY, 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES																																															
				Up	Down																																																	
12th JAN. 1945	OPERATION NO. 152 - MINING FLENSBURG HARBOUR - MINE LOAD - All A/C carried 4 x 1500 lb. Mines All Halifax Mk. III A/C.						App. 5																																															
	"C" LW.119	CAPT F/O WRIGHT & CREW.	J.23957	1726	2315	This A/C deposited mines at position 54-50N. 0950.28 E. at 21.10 hrs. from 15,000 ft. heading 276 and I.A.S. 200. 10/10th stratus aloof, with tops at 5,000 feet visibility good above. Very good effort. Mines in allotted area and mines seen to open. No difficulties encountered and crew brought A/C safely back to base.	A.1753																																															
12th JAN. 1945	"X" ME.805	CAPT F/O MACKIE & CREW.	J.88245	1722		This A/C failed to return from this operation. It is presumed that the mine load was deposited in the allotted area. The crew and particulars are, as follows:	A.1754																																															
						<table><thead><tr><th></th><th></th><th>Trips</th><th>Pts.</th><th>Hrs.</th></tr></thead><tbody><tr><td>P.</td><td>F/O MACKIE, A.M.</td><td>J.88245</td><td>28</td><td>105</td><td>154</td></tr><tr><td>N.</td><td>F/S NETZKE, J.S.</td><td>R.151071</td><td>26</td><td>97</td><td>144</td></tr><tr><td>W/A</td><td>R/O CHRISTIE, H.D.</td><td>J.88231</td><td>25</td><td>94</td><td>138</td></tr><tr><td>W/C</td><td>W/O CARLUTHERS, H.A.</td><td>R.88751</td><td>25</td><td>94</td><td>138</td></tr><tr><td>P/S</td><td>SGT PARQUHAR, J.J.</td><td>1825746</td><td>26</td><td>97</td><td>138</td></tr><tr><td>W/C</td><td>F/S DOBBS, F.W.</td><td>R.166478</td><td>26</td><td>97</td><td>144</td></tr><tr><td>A/C</td><td>F/S HUDSON, C.H.</td><td>R.183291</td><td>26</td><td>97</td><td>144</td></tr></tbody></table>			Trips	Pts.	Hrs.	P.	F/O MACKIE, A.M.	J.88245	28	105	154	N.	F/S NETZKE, J.S.	R.151071	26	97	144	W/A	R/O CHRISTIE, H.D.	J.88231	25	94	138	W/C	W/O CARLUTHERS, H.A.	R.88751	25	94	138	P/S	SGT PARQUHAR, J.J.	1825746	26	97	138	W/C	F/S DOBBS, F.W.	R.166478	26	97	144	A/C	F/S HUDSON, C.H.	R.183291	26	97	144	
		Trips	Pts.	Hrs.																																																		
P.	F/O MACKIE, A.M.	J.88245	28	105	154																																																	
N.	F/S NETZKE, J.S.	R.151071	26	97	144																																																	
W/A	R/O CHRISTIE, H.D.	J.88231	25	94	138																																																	
W/C	W/O CARLUTHERS, H.A.	R.88751	25	94	138																																																	
P/S	SGT PARQUHAR, J.J.	1825746	26	97	138																																																	
W/C	F/S DOBBS, F.W.	R.166478	26	97	144																																																	
A/C	F/S HUDSON, C.H.	R.183291	26	97	144																																																	
12th JAN. 1945	"Y" MP.947	CAPT F/O GRANT & CREW.	J.29112	1724		This A/C failed to return from this operation. It is presumed that the mine load was deposited in the allotted area. The crew and particulars are, as follows:	A.1755																																															
						<table><thead><tr><th></th><th></th><th>Trips</th><th>Pts.</th><th>Hrs.</th></tr></thead><tbody><tr><td>P.</td><td>F/O GRANT, M.C.</td><td>J.29112</td><td>19</td><td>74</td><td>112</td></tr><tr><td>N.</td><td>F/O AGNEW, J.G.</td><td>J.37206</td><td>17</td><td>67</td><td>100</td></tr><tr><td>W/A</td><td>F/O PIPE, M.C.</td><td>J.38445</td><td>17</td><td>67</td><td>100</td></tr><tr><td>W/C</td><td>F/S RUSSELL, G.T.</td><td>R.189556</td><td>17</td><td>67</td><td>100</td></tr><tr><td>P/S</td><td>SGT POLLARD, J.</td><td>2210949</td><td>17</td><td>67</td><td>100</td></tr><tr><td>W/C</td><td>F/S ARCHER, W.S.</td><td>R.221875</td><td>17</td><td>67</td><td>100</td></tr><tr><td>A/C</td><td>F/S CARNegie, R.O.</td><td>R.215624</td><td>17</td><td>67</td><td>100</td></tr></tbody></table>			Trips	Pts.	Hrs.	P.	F/O GRANT, M.C.	J.29112	19	74	112	N.	F/O AGNEW, J.G.	J.37206	17	67	100	W/A	F/O PIPE, M.C.	J.38445	17	67	100	W/C	F/S RUSSELL, G.T.	R.189556	17	67	100	P/S	SGT POLLARD, J.	2210949	17	67	100	W/C	F/S ARCHER, W.S.	R.221875	17	67	100	A/C	F/S CARNegie, R.O.	R.215624	17	67	100	
		Trips	Pts.	Hrs.																																																		
P.	F/O GRANT, M.C.	J.29112	19	74	112																																																	
N.	F/O AGNEW, J.G.	J.37206	17	67	100																																																	
W/A	F/O PIPE, M.C.	J.38445	17	67	100																																																	
W/C	F/S RUSSELL, G.T.	R.189556	17	67	100																																																	
P/S	SGT POLLARD, J.	2210949	17	67	100																																																	
W/C	F/S ARCHER, W.S.	R.221875	17	67	100																																																	
A/C	F/S CARNegie, R.O.	R.215624	17	67	100																																																	
13th JAN. 1945	OPERATION NO. 153 - BOMBING SAARBRUCKEN - BOMB LOAD - All A/C carried 8 x 250 lb. and 8 x 500 lb. bombs. All Halifax Mk. III A/C						App. 6																																															
	"N" ME.1146	CAPT W/O WILLIAMS A/C & CREW.	C.988	1535	2221	This A/C bombed target at 1915 hrs. from 17,500 feet, heading 099 and I.A.S. 160. Clear, visibility good, slight haze. Bombed near centre of red T.I.'s. Made a good visual run up and T.I.'s appeared to be bang on M/Yds. Bombing in midst of T.I.'s and definitely concentrated. One fire seen through smoke. Good trip and should result in good effort. Crew brought A/C back and landed safely at base.	A.1756																																															

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
13th JAN. 1945	"Q" NR. 228	CAPT F/O MACLEAN & CREW.	J.16733	1518	2227	This A/C bombed target at 1917 hrs. from 19,000 feet, heading 100 and I.A.S. 155. Thin haze, visibility fair. Bombed southern edge of large cluster of red T.I.'s. Several bombs in centre of red T.I.'s. One isolated explosion just South of River opposite A/P. Target readily identified by photo flashes. Red glow seen distinctly for 25 miles. Should be effective effort. Crew brought A/C back and landed safely at base.	A.1757
13th JAN. 1945	"R" NR. 940	CAPT F/O STALHEGER & CREW. 2nd Plt SGT COZENS, W.J.	J.13402	1520	2214	This A/C bombed target at 1917 hrs. from 18,500 feet, heading 097 and I.A.S. 155. Thin cloud or haze with tops at 4,000 ft. visibility moderate. Bombed centre of concentration of red T.I.'s. Numerous bomb bursts seen adjacent to markers. Marking plentiful and accurate. Bombing appeared excellent. Good trip. Crew brought A/C down safely at base.	A.1758
13th JAN. 1945	"U" NR. 418	CAPT F/O CHURCH & CREW.	J.89816	1519	2228	This A/C bombed target at 1919 hrs. from 18,000 feet, heading 101 and I.A.S. 155. Thin haze, visibility good. Bombed centre of concentration of red T.I.'s. Fires starting on port of T.I.'s. Target well lit up. Good marking and plenty of it. Good effort. Crew brought A/C safely down at base on return.	A.1759
13th JAN. 1945	"V" LV. 953	CAPT F/O PEARSON & CREW. 2nd Plt F/O McINROY	J.87605	1521	2212	This A/C bombed target at 1917 hrs. from 19,000 feet, heading 097 and I.A.S. 155. Clear, visibility good. Bombed concentration of red and green T.I.'s. T.I.'s were excellent and all seemed on A/P as had good visual check. Bombing very good and bursting amongst T.I.'s. No scattered bombing. Should be good effort. No interference and crew brought A/C safely down at base on return.	A.1760
13th JAN. 1945	"W" LV. 194	CAPT F/O WALKER & CREW.	J.87424	1517	2213	This A/C bombed target at 1917 hrs. from 17,000 feet, heading 101 and I.A.S. 160. Hazy over target, visibility good and better than predicted. Bombed centre of green T.I.'s, and all markers seen were clustered on A/P. Bomb bursts seen going across A/P which was checked visually by run. If markers on, should be successful run. Crew brought A/C safely down at base on return.	A.1761
14/15th JAN. 1945	OPERATION NO. 354 - MINING OSLO - MINE LOAD - All A/C carried 4 x 1500 lb. mines. All He-111s Mk. III A/C						APP. 7

# OPERATIONS RECORD BOOK

APPENDIX 1

R.A.F.  
FORM 541.

DETAIL OF WORK CARRIED OUT

By 424 (R.C.A.F.) SQUADRON

**SECRET**

PAGE No. FIVE

(\*1275-5511) WL 2222-1124 70W 8141 T.S. 700  
(\*1275-5511) WL 4490-1174 120W 1124 T.S. 700

FOR THE MONTH OF JANUARY, 19 45.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
14/15th JAN. 1945	"O" LW. 119	CAPT P/O WRIGHT & CREW.	J.23937	1939	0224	This A/C deposited mines at position 5953.18N. 1041.06E. at 23.21 hrs. from 12,000 feet, heading 006 and I.A.S. 192. Clear, visibility good. All mines dropped in allotted area and chutes seen to open. No difficulties encountered and crew brought A/C safely back to base.	A.1762
14/15th JAN. 1945	A33 SQDN. "Q" ME. 417	CAPT P/O PEARSON & CREW.	J.87605	1959	0217	This A/C deposited mines at position 5953M. 1041.2E. at 2329 hrs. from 12,000 feet, heading 019 and I.A.S. 184. Clear, visibility good. Good trip. Mines were laid in allotted area and chutes seen to open. No difficulties encountered and crew brought A/C down safely at base on return.	A.1763
14th JAN. 1945	OPERATION NO. 155 - BOMBING GHERVENHOUCHE - BOMB LOAD - All A/C carried 8 x 250 lb. and 8 x 500 lb. bombs. All Halifax Mark III A/C						App. 8
	"N" ME. 146	CAPT P/O MARSHALL & CREW.	G.1205	1544	2150	This A/C bombed target at 1935 hrs. from 19,000 feet, heading 056 and I.A.S. 150. Clear, visibility good. Bombed with slight undershoot on red T.I.'s and visually on "r" in railway yards. T.I.'s were excellent and bombing was definitely bang on. Raid should be successful as indications point to precision bombing. Crew brought A/C safely back to base on return.	A.1764
14th JAN. 1945	"Q" ME. 228	CAPT P/O MACLEAN, G.S. & CREW.	J.16733	1546	2148	This A/C bombed target at 1941 hrs. from 19,000 feet, heading 052 and I.A.S. 160. Slight haze, visibility good. Green T.I.'s were just burning out and obscured by smoke followed railway and released bombs within 400 yards of markers. A successful raid. No difficulties encountered and crew brought A/C safely back to base.	A.1765
14th JAN. 1945	"R" ME. 940	CAPT P/L GREEN & CREW.	J.11327	1550	2140	This A/C bombed target at 1936 hrs. from 17,000 feet, heading 055 and I.A.S. 160. No cloud, slight ground haze, visibility good. Bombed centre of red T.I.'s which were well concentrated. Many bomb bursts around markers. No congestion. Good route. Crew brought A/C safely back and landed at base.	A.1766
14th JAN. 1945	"U" ME. 418	CAPT P/O CHURCH & CREW.	J.89816	1548	2215	This A/C bombed target at 1936 hrs. from 18,000 feet, heading 050 and I.A.S. 155. No cloud, slight haze, visibility good. Bombed centre of red T.I.'s which were well concentrated. Bombing was right on markers. Good concentration of A/C. Should be a successful raid. Crew brought A/C safely back to base on return.	A.1767

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
14th JAN. 1945	"V" LV. 953	CAPT F/L ALDORTH & CREW	J.13051	1553	2154	This A/C bombed target at 1935 hrs. from 17,000 feet, heading 052 and I.A.S. 160. No cloud, visibility good. Bombed centre of red T.I.'s which were well placed on rail junction. Bombing seemed dead on markers. Some fires starting to take hold. Good route. Crew brought A/C safely back to base on return.	A.1768
14th JAN. 1945	"S" ME. 151	CAPT F/O WALKER & CREW.	J.87424	1558	2201	This A/C bombed target at 1936 hrs. from 18,500 feet, heading 061 and I.A.S. 155. Slight haze, visibility good, no cloud. Bombed green T.I.'s and these seemed well bunched. Bomb bursts seen amongst markers bombed in the middle of these. Target area was well lit up. Markers were accurate, should be a successful raid. Crew brought A/C down safely at base on return.	A.1769
16/17th JAN. 1945	OPERATION NO. 156 - MINING HORTON - MINE LOAD - All A/C carried & x All Halifax Mk. III A/C.					1500 lb. mines.	App. 9
	"O" LW. 119	CAPT F/O WRIGHT & CREW.	J.23957	1814	0126	This A/C deposited mines at position 592AN. 1031E. at heading 2137 hrs. from 11,500 feet, heading 350 and I.A.S. 188. No cloud, visibility good. Orbiting A/C to be dead sure. Mines dropped in allotted area and chutes seem to open. Good trip. Crew brought A/C safely back to base.	A.1770
16/17th JAN. 1945	"R" NF. 940	CAPT F/L STALBERGER & CREW.	J.13402	1807	0101	This A/C deposited mines at position 592AN. 1031E. at heading 2127 hrs. from 11,500 feet, heading 345 and I.A.S. 190. Nil cloud, visibility good. Met better than briefed in "Garden" area and four parachutes seen to open and land in water. Good trip. Crew brought A/C down safely at base.	A.1771
16/17 JAN. 1945	OPERATION NO. 157 - BOMBING MAGDEBURG - BOMB LOAD - All A/C carried All Halifax Mk. III A/C.					1 x 2000 lb. bomb and 127 x 4 lb. incendiary bombs.	App. 10
	"W" NF. 146	CAPT W/O MARSHALL & CREW.	G.1295	1845	0105	This A/C bombed target at 2146 hrs. from 18,500 feet, heading 120 and I.A.S. 160. No cloud, slight haze, visibility good. Bombed mixed red and green T.I.'s. By visual check on river and built-up area bombing concentrated on A/P. A/P covered with fires. Master Bomber not heard. Good raid and crew brought A/C safely back to base on return.	A.1772

# OPERATIONS RECORD BOOK

APPENDIX 1

A.F. FORM 541

DETAIL OF WORK CARRIED OUT

By 424 (R.C.A.F.) SQUADRON

SECRET

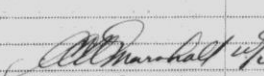
PAGE NO. SIX

(1312)-(1313) Wt 2572-4195 73W 1044 TS 800

FOR THE MONTH OF JANUARY, 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES
				Up	Down		
16/17th JAN. 1945	"Q" NR.22B	CAPT F/O MACLEAN & CREW.	J.16733	1848	0100	This A/C bombed target at 2145 hrs. from 18,000 feet, heading 101 and I.A.S. 155. Slight haze, visibility good. Bombed centre of red T.I.'s. Illuminating flares like six spokes in wagon wheel. Large mass of red T.I.'s seen from 30 miles. Large explosion seen in target area at South end of City issuing large volumes of black smoke. Fires well concentrated. Should be good effort. On return at 22:10 hrs. A/C was subjected to two attempted attacks by a JU.88, neither A/C opening fire and then at 22:13 hrs. the Rear Gunner located a ME.109 on the starboard quarter above. After ordering coxswain starboard R/C opened fire with short burst which seemed to cause R/C to waver and break away astern down. The W/U fired a long burst and the R/C fired another burst and the fighter was seen still diving down rapidly and did not appear again. Crew brought A/C safely down at base on return.	A.1773
16/17th JAN. 1945	"W" LW.194	CAPT F/L ALLWORTH & CREW.	J.13051	1850	0106	This A/C bombed target at 2149 hrs. from 18,500 feet, heading 110 and I.A.S. 155. No cloud, slight haze, visibility good. Bombed centre of red T.I.'s. Red T.I.'s dropped in centre of fires. Few scattered ones. Bombing very concentrated on T.I.'s. M/B heard clearly but call sign not heard. Glow of fires seen 100 miles away. On way to target at 21:13 hrs. Pilot observed a black object pass from the port bow over to starboard and his gunners immediately located a single engine unidentified fighter coming in to attack from the fine starboard quarter. Both gunners opened fire at range of 400 yds. Fighter moved out to port quarter so resume course was given and fighter closed in again and both gunners opened fire. Fighter broke away immediately to port quarter and was not seen again. Crew brought A/C safely back and landed at base.	A.1774
16/17th JAN. 1945	"V" LW.953	CAPT F/O SILLERS & CREW.	J.26991	1847	0116	This A/C bombed target at 2147 hrs. from 19,000 feet, heading 110 and I.A.S. 160. Hazy, visibility good. Bombed centre of concentration of red T.I.'s. Target well illuminated by flares. Fires going well. Glow of fires seen 75 miles away after leaving target. Marking ample and accurate. Crew brought A/C back and landed safely at base.	A.1775
16/17th JAN. 1945	"U" MW.418	CAPT W/C WILLIAMS & CREW.	G.908	1856	0125	This A/C bombed target at 2147 hrs. from 18,500 feet, heading 105 and I.A.S. 160. No cloud, haze, visibility good. Bombed with 3 second delay from centre of red T.I.'s. Red T.I.'s concentrated but green scattered and appeared to be short of A/P. Many fires in built-up area. Good effort. Should be successful trip. Crew brought A/C down safely at base on return.	A.1776

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME		DETAILS OF SORTIE OR FLIGHT	REFERENCES																																															
				Up	Down																																																	
28/29th JAN. 1945	OPERATION NO. 158 - BOMBING STUTTGART (ZUFFENHAUSEN) All Halifax Mk. III A/C					1 x 2000 lb. bomb and 1272 x 4 lb. incendiaries.	App.11																																															
	"T" ME.356	CAPT W/C MARSHALL & CREW.	C.1205	1919	0240	This A/C bombed target at 2338 hrs. from 19,500 feet, heading 150 and I.A.S. 155. 9/10th fracto stratus cloud with tops at 1,500 ft. Visibility good above. Bombed centre of flares and centre of concentration of fires. Incendiaries seemed to be in built-up area in two distinct groups covering large area. Flares seemed scattered. Bomb bursts could be seen through cloud. 106 x 4 lb. incendiaries broke up and were jettisoned safe at 5015N. 0025E. at 0133 hrs. from 12,000 ft. Rather uncertain effort and rather scattered. Possibility of a fair prang. One E/S and one S/E enemy A/C were sighted in the target area - no action was taken. Saw two A/C shot down near the target area - no parachutes seen. At position 4938N. 0145E. at 2136 hrs. saw a brilliant flash on the ground which may have been an aircraft. Crew brought A/C down safely at Deanthorpe on diversion.	A.1777																																															
28/29th JAN. 1945	"S" ME.451	CAPT W/C WILLIAMS APC & CREW.	C.988			This A/C was just starting down the runway at 1921 hours when for reasons unknown the A/C blew up and all the crew were instantly killed with the exception of the Rear Gunner who was blown clear of the wreckage and who was rushed to the hospital seriously injured. Particulars of the crew are, as follows: <table><thead><tr><th></th><th></th><th>TRIPS</th><th>PTS</th><th>HRS.</th></tr></thead><tbody><tr><td>P.</td><td>W/C Williams, E.M. APC</td><td>C.988</td><td>4</td><td>11</td><td>26</td></tr><tr><td>N.</td><td>W/O Nicolls, R.J.</td><td>R.167275</td><td>3</td><td>11</td><td>19</td></tr><tr><td>B/A</td><td>F/S Chatfield, R.E.</td><td>R.167424</td><td>3</td><td>11</td><td>19</td></tr><tr><td>W/C</td><td>W/O Doyle, G.J.</td><td>R.175448</td><td>5</td><td>19</td><td>29</td></tr><tr><td>F/S</td><td>Sgt Tongue, L.</td><td>2221300</td><td>3</td><td>11</td><td>19</td></tr><tr><td>W/C</td><td>F/O Fleming, W.</td><td>J.18971</td><td>42</td><td>5</td><td>13</td></tr><tr><td>A/G</td><td>F/O Tremblay, J.E.H.B.</td><td>J.18476</td><td>42</td><td>5</td><td>13</td></tr></tbody></table>			TRIPS	PTS	HRS.	P.	W/C Williams, E.M. APC	C.988	4	11	26	N.	W/O Nicolls, R.J.	R.167275	3	11	19	B/A	F/S Chatfield, R.E.	R.167424	3	11	19	W/C	W/O Doyle, G.J.	R.175448	5	19	29	F/S	Sgt Tongue, L.	2221300	3	11	19	W/C	F/O Fleming, W.	J.18971	42	5	13	A/G	F/O Tremblay, J.E.H.B.	J.18476	42	5	13	A.1778
		TRIPS	PTS	HRS.																																																		
P.	W/C Williams, E.M. APC	C.988	4	11	26																																																	
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28/29th JAN. 1945	"O" LW.119	CAPT F/O SAUNDERS & CREW.	J.89293	1948	0235	This A/C bombed target at 2337 hrs. from 19,500 feet, heading 176 and I.A.S. 155. 10/20th stratus cloud with tops at 3,000 ft. Saw at least 3 flares in string and bombed centre one. Nothing seen below but glow. Should be fair effort depending upon marking. On return crew brought A/C down safely on diversion at Deanthorpe.	A.1779																																															
						 WING COMMANDER, COMMANDING, NO.24 (R.C.A.F.) SQUADRON.																																																