

OPERATIONS RECORD BOOK

APPENDIX

S.A.F.
Form 541

DETAIL OF WORK CARRIED OUT

By No. 433 (R.C.A.F.) Squadron**SECRET**

PAGE No. 1

(12761-5211) WL 2249-1224 2000 1743 TA 790
(12761-5211) WL 2249-1224 1974 1743 TA 790
FOR THE MONTH OF November, 1944

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|---------------------------------------|---------|-------|-------|---|--|
| | | | | Up | Down | | |
| 1st Nov. | Halifax III | Target, all A/C:- "OBERRHAUSEN". | | | | Bomb load, each A/C:- 1 x 2000 lbs., 6 x 1000 lbs. & 4 x 500 lbs. | (Appendix "A" Battle Order No. 176, attached) |
| 1st Nov. | Halifax III "A" NR-120 | (Captain) J19826 P/O J.L. Egger | Bombing | 17:06 | 22:47 | 5/10ths broken strata, tops 6,000 feet, visibility good. Target identified by Rhine River and red and yellow flares. Bombed at 20:28.3 hours from 21,000 feet on centre of red and yellow flares. About five or six flares seen at time of bombing, red and yellow fairly well concentrated. One large explosion seen at 20:30 hours. No congestion, through break in clouds bombs appeared to be falling where markers were going down. Bombed, heading 046T, speed 155 m.p.h. | |
| 1st Nov. | Halifax III "C" ME-807 | (Captain) 0858 W/C P.R. Sharp | Bombing | 17:39 | 23:31 | No cloud, visibility good. Target identified by red and yellow flares. Bombed at 20:34 hours from 17,500 feet on visual of built up area of ESSEN. As A/C was making run up on target it was attacked by a JU88. A/C corkscrewed to starboard and came back to target but bombs hung up so A/C bombed ESSEN as a last resort, using jettisoning bar. Bombed, heading 291, speed 180 m.p.h. | |
| 1st Nov. | Halifax III "E" ME-818 | (Captain) J19884 P/O W.T.C. Watson | Bombing | 17:19 | 23:15 | 7/10ths broken cloud, tops 6,000 feet, visibility good. Target identified by green and red flares. Bombed at 20:30.3 hours from 20,000 feet on centre of red and green. Target area covered with strings of I.B., some starting to take a good hold. About five explosions seen at 20:30 to 20:32 hours. If marking accurate it should be a successful raid. Bombing heading 045T, speed 155 m.p.h. | |

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|---|---------|-------|-------|---|------------|
| | | | | UP | DOWN | | |
| 1st Nov. | Halifax III "F" NP-992 | (Captain) J86368 P/O H.G. Solomos | Bombing | 17:16 | 23:12 | 5/10ths broken cloud, visibility good. Target identified by red and green flares, Gee homing. Bombed at 20:30.1 hours from 19,500 feet on centre of red and green. Red and yellow good, green scattered. Many strings of bombs seen on ground and many fires burning, smoke rising to 6500 feet. Appeared to be successful on observation after leaving target. Bombed, heading 045T, 160 m.p.h. | |
| 1st Nov. | Halifax III "G" LN-129 | (Captain) J300 N/O A.J. Lewington, DFC | Bombing | 17:07 | 22:58 | 7/10ths broken cloud, tops 6,000 feet, visibility good. Target identified by red yellow and green also by "H" "W" and Gee homing. Bombed centre of red at 20:29 hours from 19,000 feet, heading 045T, speed 155 m.p.h. Flares fairly well concentrated. Two explosions seen at 20:31 hours, strings of Mandarin seen on ground. No congestion, if markers accurate should be fairly successful raid. | |
| 1st Nov. | Halifax III "H" NZ-909 | (Captain) J19459 P/O E.E. Smyth | Bombing | 17:18 | 23:06 | 10/10ths thin stratu cumulus, 6-7,000 feet, visibility good. Target identified by red flares and Gee check. Bombed concentration of 8 flares at 20:30.5 hours from 19,500 feet, heading 045T, speed 195 m.p.h. Main concentration of reds "bang on", some greens scattered. Could not be assessed accurately but after leaving target many fires and much smoke seen. Seemed like a "bang on" effort if flares were on target, route and tactics O.K. | |

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WL 4222-1011 WL 4222-1012 100 812 TA 700
WL 4222-1013 WL 4222-1014 100 814 TA 700

FOR THE MONTH OF November, 1944

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 1st Nov. | Halifax III "J" MZ-905 | (Captain) J16120 P/O N.D. Marr | Bombing | 17:11 | 23:21 | 4/10ths strata cumulus, tops 6,000 feet; visibility good. Target identified by red and yellow flares, Gee and H2S check. Bombed at 20:30.2 hours from 20,000 feet, heading 042T, speed 155 m.p.h., on centre of red and yellow. Small concentration of red and yellow, green on port of large concentration of 12 of red and yellow which A/C bombed. Rather hard to assess, lit up south and west of target. Should be a good effort if flares on target, very good concentration of A/C in stream. Tactics O.K. | |
| 1st Nov. | Halifax III "K" LV-941 | (Captain) J6681 P/L I.D. Allatt | Bombing | 17:17 | 23:22 | 10/10ths thin cloud, visibility good. Target identified by red, yellow and green, Gee homing. Bombed centre of red and yellow at 20:30.6 hours from 20,500 feet, heading 042T, speed 155 m.p.h. Red and yellow well concentrated, bunches of red and green to starboard. Many scattered fires and bombing well concentrated. No congestion, black smoke rising up to 4,000 feet. | |
| 1st Nov. | Halifax III "L" MZ-425 | (Captain) J85132 P/O J.L. Small DFM | Bombing | 16:59 | 22:53 | 5 - 6/10ths alta cumulus, tops 6-8,000 feet, visibility good. Target identified by red and yellow flares, Gee homing. Bombed on centre of 4 red and 3 yellow at 20:30.3 hours from 21,000 feet, heading 045E, speed 160 m.p.h. Marking very good, some green and red flares seemed pale in color and were off track to port. Marking on target very good and well concentrated. Fires and smoke were seen through breaks in cloud with smoke to 4-5,000 feet. Seemed like a "bang on" as if flares were on. Concentrations of A/C good, tactics O.K. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|---------------------------------------|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 1st Nov. | Halifax III "M" NZ-419 | (Captain) J27692 P/O A.T. Bond | Bombing | 17:05 | 23:14 | 5/10ths thin broken cloud, visibility good. Target identified by red and yellow flares, homed on Gee. Bombed centre of red, overshoot of 2 seconds, at 20:20.5 hours from 20,500 feet, heading 045T, speed 155 m.p.h. Flare marking adequate. Huge explosion at 20:29 hours, many strings of I.B. seen on starboard short of markers. One A/C flying on wrong heading, passed from port to starboard and seen bombing. | |
| 1st Nov. | Halifax III "O" NP-936 | (Captain) J28320 P/O H.T. Jensen | Bombing | 17:13 | 23:03 | 4-7/10ths cloud, tops 5,000 feet, visibility good. Target identified by red, green and yellow markers. Bombed centre of concentration of reds, greens and yellows at 20:29.8 hours from 19,300 feet, heading 044OT, speed 155 m.p.h. Target seemed to be well covered with bombs. Large fires seen on leaving, markers well concentrated on run up. One red sky marker seen 21,000 feet. Target seemed fairly well pranged. Good concentration of A/C over target, bombing concentrated around markers, no trouble following tactics. Fair trip and should be a "good prang". | |
| 1st Nov. | Halifax III "P" NP-937 | (Captain) J27868 P/O S.V. McKellar | Bombing | 17:14 | 22:56 | 8/10ths strata cumulus, tops 8,000 feet, visibility good. Target identified by red and yellow flares, Gee and H2S check. Bombed concentration of approximately 15 reds and yellows, at 20:29.8 hours from 19,000 feet, heading 045T, speed 160 m.p.h. Greens were scattered and 2-3 miles to port of main concentration. After leaving 2/A bombing seemed good and fires starting. Explosion 20:30 hrs. | |

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*1276-5211 WL 2222-1222 700 212 TA 700
*1276-5211 WL 2222-1222 1200 212 TA 700

FOR THE MONTH OF November, 19 44

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|---|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 1st Nov. | Halifax III "Q" NZ-417 | (Captain) J16126 F/O D.F. GAY | Bombing | 17:08 | 22:57 | 7/10ths strata cumulus, tops 10,000 feet, visibility good. Target identified by red, yellow and green. Bombed centre of red at 20:30.1 hours from 19,500 feet, heading 045T, speed 155 m.p.h. Red and yellow well concentrated. Green scattered to starboard. Large fires observed on leaving target. No congestion, one large explosion seen at 20:35 hours, illuminated sky for 10 minutes. | |
| 1st Nov. | Halifax III "R" NP-949 | (Captain) J29263 F/O J.H. HOWES | Bombing | 17:03 | 22:52 | 10/10ths thin strata, tops 5,000 feet, visibility good. Target identified by red, green and yellow, H2S and Gee homing. Bombed on concentration of 6 red flares at 20:28.9 hours from 20,000 feet, heading 045T, speed 155 m.p.h. Excellent concentration of red flares on which A/C bombed, some off 1/2 mile to starboard. As A/C left target fires and bomb bursts seen through thin cloud, could be seen for at least 30 miles after target. Should be a good effort. Met. was better than briefed, tactics very good. Marking could have been earlier but was good. | |
| 1st Nov. | Halifax III "S" NZ-883 | (Captain) J28667 F/O R.H. SIMPSON, DFC | Bombing | 17:20 | 22:50 | 4/10ths broken cloud, visibility good. Target identified by yellow, red and green flares and Gee fix. Bombed centre of red T.I. at 20:29.5 hours from 20,500 feet, heading 045T, speed 155 m.p.h. Red and yellow concentrated, green scattered. A/C early on target, not much seen. 1 x 1000 lbs. brought back due to hang up. No congestion, bombs appeared to be concentrated around markers, if markers accurate should be a good raid. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 1st Nov. | Halifax III "T" NZ-264 | (Captain) J88439 P/O W.J. Parker | Bombing | 17:21 | 22:44 | 3/10ths stratus, tops 8,000 feet, visibility good. Target identified by red, green, Gee and H2S. Bombed centre of red and yellow flares at 20:30.2 hours from 21,000 feet, heading 045T, speed 150 m.p.h. Reds and greens dropped on starboard of Gee line, about 1 minute later reds and yellows cascaded directly ahead on Gee line. Second lot of flares well concentrated. Glow of fire reflected on clouds, smoke 6 to 7,000 feet. Concentration of A/C very good, tactics O.K. | |
| 1st Nov. | Halifax III "H" LN-122 | (Captain) J27738 P/O R.A. Russell | Bombing | 17:15 | 23:15 | 4/10ths broken cloud, tops 7/8,000 feet. Target identified by red and yellow flares and H2S. Bombed centre of red and green flares at 20:30.9 hours from 20,500 feet, heading 045T, speed 150 m.p.h. Red and yellow flares concentrated with green flares to starboard. One large explosion seen at 20:30 hours and also at 20:32 hours, many bomb bursts observed. No congestion, good raid. | |
| 1st Nov. | Halifax III "X" NZ-815 | (Captain) J26677 P/O R.J. Mountford | Bombing | 17:09 | 23:26 | 8/10ths strata cumulus, tops 5-6,000 feet, visibility good. Target identified by red and green flares, Gee fix. Bombed centre of loose concentration of 4 reds and 4 greens at 20:29 hours from 21,000 feet, heading 045T, 150 m.p.h. Some reds and yellow seemed slightly port, short of the flares A/C bombed. Some explosions and bomb bursts, fires starting. Rather difficult to assess. Should be a good effort if flares were on target. Route and tactics very good. | |

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*1205-0211 WL 4282-1224 700 114 TA 700
*1205-0211 WL 4282-1224 1204 114 TA 700

FOR THE MONTH OF November, 1944

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|---------------------------------------|---------|-------|-------|---|---|
| | | | | UP | DOWN | | |
| 1st Nov. | Halifax III "Y" ME-910 | (Captain) J29592 P/L W.C. Pierce | Bombing | 17:12 | 23:36 | 6/10ths cloud, visibility good. Target identified by red, yellow and green. Bombed at 20:30.2 hours from 20,500 feet, heading 0.8T, 155 m.p.h., overshoot starboard of flares by 10 seconds. No flares on arrival at target; went down a few seconds later, turned starboard on bombing. If accurate should be successful raid, one large explosion seen at 20:32 hours. | |
| 2nd Nov. | Halifax III | Target, all A/C:- "DUSSELDORF" | | | | Bomb load, each A/C:- 1 x 2000 lbs., 6 x 1000 lbs., & 4 x 500 lbs. | (Appendix "B", Battle Order No. 171, attached) |
| 2nd Nov. | Halifax III "A" NR-120 | (Captain) J19626 P/O J.L. Egger | Bombing | 16:07 | 22:05 | No cloud, visibility very good. Target identified by red and green T.I. and red flares, Gee check. Bombed centre of fire and smoke when T.I. red had fallen, at 19:20.7 hours from 19,000 feet, heading 120 degs. T, speed 155 m.p.h. Marking very good, centre of T/A burning well. Best attack seen yet. Bomber stream well concentrated over target. | |
| 2nd Nov. | Halifax III "E" ME-818 | (Captain) J19884 P/O W.T.G. Watson | Bombing | 16:08 | 22:02 | Nil cloud, visibility fair. Target identified by Rhine River and green T.I. Bombed 2 green T.I. just over river in city area, at 19:20.2 hours from 18,500 feet, heading 115T, speed 165 m.p.h. Ground marking good but red and green sky flares were too far east of target. Many fires and explosions in centre of city, received most of the attack. One large explosion on S/E of city and much smoke seen. H/P encountered at target, 19:22 hrs., 18,500 feet. A very successful attack. | |

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|----------|---------------------------|---------------------------------------|----------------|-------|-------|---|------------|
| | | | | UP | DOWN | | |
| 2nd Nov. | Halifax III "F" NF-992 | (Captain) J19459 P/O E.R. Smyth | Bombing | 16:00 | 22:13 | Clear over target, visibility good. Target identified by red T.I. and visually from River Rhine and bomb bursts over target. Bombed centre of 3-4 red T.I. clusters, at 19:20.3 hours from 18,000 feet, heading 110T, speed 160 mph. Green T.I. beginning to cascade, sky markers also bursting above. T.I. well placed in centre of town. Good concentration of bombs, incendiaries burning at edge of town on river. Good attack, very successful, no difficulties. | |
| 2nd Nov. | Halifax III "C" NF-129 | (Captain) J3434 W/O A.J. Lewington | Bombing DEB | 15:57 | 21:52 | No cloud, visibility good, slight ground haze. Target identified by red T.I. and green, H2S. Bombed centre of 5-6 red T.I. which were well together, at 19:20.1 hours from 18,500 feet, heading 113T, speed 155 mph. Rhine River seen clearly, red and green T.I. were all on target. Red and green flares seen. Many bomb bursts seen but no fires started though smoke and dust up to 2/3,000 feet. A very good attack in all respects. | |
| 2nd Nov. | Halifax III "J" NF-905 | (Captain) J16120 P/O N.D. Mars | Bombing | 15:56 | 21:11 | Clear, slight haze, visibility good. Target identified by red T.I. and visually with river and dummy fire. Bombed centre of two groups of red T.I. at 19:25.2 hours, from 17,000 feet, heading 120T, speed 140 mph. T.I. well on, bombs well concentrated around A/P, smoke drifting S.E. About seven large explosions seen on run up. Fires burning brightly. Landed at Manston, port outer engine H/S, height and speed could not be maintained except by excess fuel consumption. Excellent attack, no difficulties except as above. | |

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174751-0511 WL 4222-1224 700 841 TA 700
174750-0511 WL 4209-1224 1200 1244 TA 700

FOR THE MONTH OF November, 1944

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 2nd Nov. | Halifax III "K" LV-941 | (Captain) 0858 W/C F.R. Sharp | Bombing | 15:58 | 22:31 | Target identified visually by Rhine and town streets and red T.I. Bombed centre of red T.I. which was in centre of town, at 19:21.6 hours from 19,500 feet, heading 111Z, speed 152 m.p.h. Red T.I. accurate, greens slightly to north of target on edge of town. Bombs bursting in centre of town. Few fires at this time, much smoke. Excellent attack, no difficulties, good stream. | |
| 2nd Nov. | Halifax III "L" ME-425 | (Captain) J85132 P/O J.L. Scales, DEM | Bombing | 16:01 | 22:28 | 4-5/10ths stratus, tops 4,000 feet, visibility good. Target identified visually by Rhine and red and green T.I. Gee check. Bombed centre of red T.I. at 19:21.4 hours from 20,000 feet, heading 115 degs., speed 160 m.p.h. Bombing seemed to be in southern section of city, red T.I. on A/P which A/C bombed. Green markers came down to starboard of red. Black smoke rose to 1500 feet, fires burning well. Very good effort, target should be well "pranged", tactics and route O.K. | |
| 2nd Nov. | Halifax III "M" ME-419 | (Captain) J87692 P/O A.T. Bond | Bombing | 16:03 | 22:23 | No cloud, target identified by green T.I. Bombed centre of green at 19:22 hours from 20,500 feet, 13XT, speed 155 m.p.h. Green appeared on A/P, one large explosion seen at 19:20 hours, many fires around T.I. Successful raid by visual check of River Rhine. Combat with S/E E/A. Some damage was claimed to E/A but the bomber suffered no casualties or damage. | |

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|----------|---------------------------|---------------------------------------|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 2nd Nov. | Halifax III "M" NZ-857 | (Captain) J27716 P/O R.F. Bertran | Bombing | 16:05 | 22:40 | Clear, visibility good. Target identified by red and green T.I. and flares, visual on river and built up area. Bombed at 19:18.4 hours from 19,500 feet, heading 115T, speed 160 m.p.h., oncentre of red T.I.'s. Fires burning around T.I.'s, bombing all well concentrated. Large fire to starboard of A/P, smoke to 1,000 feet. Excellent attack, target was well "pranged", tactics and route O.K. | |
| 2nd Nov. | Halifax III "O" NP-936 | (Captain) J89320 P/O F.T. Jensen | Bombing | 16:04 | 22:20 | Clear, visibility 40 miles. Target identified by red, green T.I. and visual of Rhine. Bombed centre of concentration of T.I. clusters at 19:19.8 hours from 20,300 feet, heading 108T, speed 155 m.p.h. Good concentration of T.I., also sky markers. Large orange explosion to starboard of target on run in, bombing well concentrated. Very good attack, concentrated stream, no confusion. | |
| 2nd Nov. | Halifax III "P" NP-937 | (Captain) J27868 P/O S.V. McKellar | Bombing | 16:09 | 22:04 | 6-7/10ths thin broken cloud, visibility good. Target identified by green flares and red T.I., H2S. Bombed two red T.I. at 19:20.5 hours from 20,500 feet, heading 176T, speed 155 m.p.h. Marking well concentrated, FFF on time, many fires all over city and river seen easily. Plenty of black smoke rising from target. Very little of attack could be seen. | |

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(112741-0511) Wt. 2200-0121 200 814 T.S. 700
(112740-0511) Wt. 2200-0121 200 814 T.S. 700

FOR THE MONTH OF November, 19 44

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|-------------------------------------|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 2nd Nov. | Halifax III "Q" NZ-417 | (Captain) J16126 F/O D.F. Gray | Bombing | 16:06 | 21:59 | Nil cloud, visibility very good. Target identified by red and green T.I. and Gee check. Bombed red T.I. and smoke at 19:20.7 hours from 21,000 feet, heading 115T, speed 155 m.p.h. T.I. were well concentrated and checked by Gee. Plenty of smoke when A/C bombed, many explosions and fires seen when leaving. At 19:20 hours a very large explosion with orange fires seen about 100 miles from the target. A very good attack in all respects. | |
| 2nd Nov. | Halifax III "R" NP-937 | (Captain) J6681 F/O L.D. Allatt | Bombing | 15:55 | 22:30 | No cloud, visibility good. Target identified by River Rhine and red and green T.I. Bombed three red and green T.I. at 19:20.1 hours from 20,500 feet, heading 110T, speed 155 m.p.h. Some fires starting when A/C bombed about north central part of town. Many bomb bursts seen in city. Very large explosion seen at bombing time. Very concentrated and clouds of smoke from fires and bombing seen. A very good raid. | |
| 2nd Nov. | Halifax III "T" NZ-284 | (Captain) J38439 F/O W.J. Parker | Bombing | 16:02 | 21:51 | Clouding and visibility unlimited. Target identified by red and green T.I., also by flares and visually in photo flashes. Bombed at 19:22.8 hours from 20,000 feet, heading 130T, speed 150 m.p.h., on red T.I., greens seen cascading on run up. T.I. well concentrated and on time. Much smoke and bombs exploding on run in. Other bombs well concentrated in centre of town. Good attack, stream fairly normal over target, no difficulties. | |

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|----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | UP | DOWN | | |
| 2nd Nov. | Halifax III "O" ME-807 | (Captain) J27738 P/O R.A. Russell | Bombing | 16:25 | 21:53 | No cloud, visibility good. Target identified visually by explosions, green T.I., HM and Gee. Bombed one cluster of green T.I. at 19:21 hours from 19,500 feet, heading 139T, speed 155 m.p.h. No red T.I. seen when A/C bombed. Many incendiary fires in target area visible. Many large explosions throughout attack, smoke up to 5/6,000 feet and many large fires seen. Red and green flares were very accurately placed. Northern part of city burning furiously, bomber stream very concentrated at time of bombing. | |
| 2nd Nov. | Halifax III "X" ME-815 | (Captain) J26677 P/O R.J. Mountford | Bombing | 16:04 | 22:24 | Ceiling and visibility unlimited over target. Target identified by red and green T.I. checked by Gee lattice line and visually by Rhine. Bombed at 19:22.7 hours from 19,000 feet, heading 120T, speed 155 m.p.h. on centre of green T.I. concentration, red T.I. seen to starboard, already burning, not seen in smoke in run up. Concentration of markers fair, concentration of bombing was good, first on reds then spread northward on green T.I. Many good explosions and one large one seen on leaving T/A. Good attack, concentration good, many "kites" bombing with this A/C, no difficulties. | |
| 2nd Nov. | Halifax III "Y" ME-910 | (Captain) J29420 P/O R.F. Saunders | Bombing | 15:59 | 22:26 | Nil cloud, visibility good. Target identified by red and green T.I. and river. Bombed slightly to port of red T.I. at 19:24 hours, from 21,000 feet, heading 109T, 155 m.p.h. Green T.I. to port. Complete city covered in flame, ground marking was very good, the sky marking seen was a little late. Large red explosion seen 19:25 hours. No difficulties. | |

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11/19/44-5111) W. 11/19/44-5111) 700 810 1.5 700
11/19/44-5111) W. 11/19/44-5111) 1000 1110 1.5 700

FOR THE MONTH OF November, 1944

| DATE | AIRCRAFT (TYPE & NUMBER) | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|-----------------------------|---|---------|-------|-------|---|--|
| | | | | Up | Down | | |
| 4th Nov. | Halifax III | Target, all A/C- "BOCHIM" | | | | Bomb load, each A/C- 4 x 2000 lbs., 7 x 1000 lbs., & 4 x 500 lbs. | (Appendix "C" Battle Order No. 478, |
| 4th Nov. | Halifax III "A" NR-120 | (Captain) 119626 F/O J.L. Egget | Bombing | 17:15 | 22:34 | No cloud, visibility very good. Target identified by red and green T.I. and fires and smoke. Bombed fires at 19:34.1 hours from 18,500 feet, heading 122 T, speed 155 m.p.h., T.I. were obscured by fire and smoke. Markers were falling in fire and smoke when A/C bombed, fairly well concentrated with a few undershoots. Several good explosions seen, bombing should be well concentrated. No troubles. | attached) |
| 4th Nov. | Halifax III "C" ME-807 | (Captain) 0858 W/O F.R. Sharp | Bombing | 17:20 | 22:38 | No cloud, visibility good. Target identified by red T.I. and bomb bursts in built up area. Bombed two red T.I. at 19:35.2 hours from 18,000 feet, heading 109, speed 155 m.p.h. Green T.I. were scattered to port to N/E of city. Two large explosions seen about 19:35.6 hours to 19:35.2 hours. Factory chimneys seen in first explosion. Bombing put out first red T.I. seen. Sky markers nearly hit A/C. | |
| 4th Nov. | Halifax III "C" NR-137 | (Captain) 125839 F/O A. F. Heathcote | Bombing | 17:24 | 21:39 | Arrived over target 19:35 hours, 17,500 feet, heading 113T, speed 160 m.p.h. Brought back 7 x 1000 lbs and 4 x 500 lbs., jettisoned 1 x 2000 lbs., 5123N 01A9B, 21:15 hours, 1000 feet, safe, wiring system shot away. Ran up on green T.I. markers well bunched. After leaving T/A fires were beginning to get well alight. Some fighter flares on run into target. Several, probably Jet, in T/A. Landed at Woodbridge. | HIT BY 2400 BOMB ACCOUNT BY 11:34 MS 1,000' |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 4th Nov. | Halifax III "H" NZ-909 | (Captain) J19459 P/O E.R. Smith | Bombing | 17:18 | 22:48 | Clear with haze, visibility good. Target identified by red and green T.I. checked by Gee. Bombed centre of red and green T.I. at 19:35.3 hours from 17,000 feet, heading 155 T, speed 160 m.p.h. T.I.'s seemed to be a bit scattered with reds to starboard and green to port. Several explosions seen, seemed to be a wall of fire across from N/E to S/W of city. Explosions seen for 50 miles after target. A very good effort and should be a good raid if T.I.'s were well placed. Route and tactics O.K. | |
| 4th Nov. | Halifax III "I" NZ-425 | (Captain) J85132 P/O J.L. Swale | Bombing | 17:14 | 22:45 | Clear, visibility good. Target identified by red T.I. checked by Gee. Bombed centre of concentration of red T.I.'s at 19:35.7 hours from 16,400 feet, heading 120 T, speed 165 m.p.h. T.I.'s seemed to be right on A/P. Large explosion and large fire illuminated a very large industrial plant. Quite a few small fires and plenty of black smoke to 5-6,000 feet. Very good "prang", should be "a number one job." Concentration excellent, tactics and route O.K. | |
| 4th Nov. | Halifax III "M" NZ-419 | (Captain) J87692 P/O A.T. Bond | Bombing | 17:19 | 22:49 | Clear, visibility good, some haze. Target identified by red and green T.I. and visual pin - position of river north of target, checked by Gee fix. Bombed centre of two clusters of red and green at 19:35.5 hours from 18,500 feet, heading 120T, speed 160 m.p.h. T.I.'s rather few at time of attack but well on target. Numerous fires and smoke 5-6,000 feet. Large orange explosion with mushroom of black smoke. Target well hit up, seen from 50 miles beyond. 4 x 1000 lbs. hung up over target and remained when jettison toggle pulled. Very good attack well concentrated. Stream good, no difficulties. "Hang up" was brought back. | |

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(*1296-011) WL 4839-1124 700 1141 T.S. 700
(*1700-011) WL 4807-3381 1304 1144 T.S. 700

FOR THE MONTH OF November, 19 44

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--|----------------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 4th Nov. | Halifax III "B" ME-818 | (Captain) J10246 S/L E.B. Van Slyok | Bombing DFC | 17:28 | 22:21 | No cloud, visibility very good. Target identified by red T.I., H2S, Gee and API check. Bombed three red T.I. in a semi-circle at 19:35 hours from 18,000 feet, heading 119 T, speed 155 m.p.h. Green T.I. were cascading to port of red T.I. PFF marking quite good though bombing probably scattered. Several explosions noticed. many incendiary fires after A/C left target, not many fires when A/C bombed. M/B would have assisted greatly on this attack. | |
| 4th Nov. | Halifax III "O" NP-936 | (Captain) J28320 P/O W.T. Jensen | Bombing | 17:21 | 22:51 | Good visibility, 8-10 miles with slight haze, no cloud. Target identified by red T.I. with green cascading on run up. Bombed centre of three red T.I. clusters at 19:24.9 hours from 17,500 feet, heading 112T, speed 157 m.p.h. T.I.'s concentrated, well placed, much smoke, few incendiaries. Orange explosion with billowing black smoke seen. Excellent, good concentration, no interference. No difficulties. | |
| 4th Nov. | Halifax III "D" LV-972 | (Captain) J89420 P/O R.F. Saunders | Bombing | 17:26 | 22:58 | Nil cloud, slight haze. Target identified by red T.I. Bombed between explosion and red T.I. at 19:16 hours from 17,000 feet, heading 112 T, speed 160 m.p.h. Green T.I. to port of red, off the A/P. Canal could be seen south of target after bombing. Bombing well concentrated but green T.I. were left alone. Huge explosions at 19:35.5 hours before A/C bombed. Built up area visible from light of explosions in T/A. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | UP | DOWN | | |
| 4th Nov. | Halifax III "Q" NZ-417 | (Captain) J16126 P/O D.F. Guy | Bombing | 17:25 | 22:42 | Clear, visibility good, slight haze. Target identified by red and green T.I. and Gee fix, also by green T.I. cascading. Bombed middle of two groups of red T.I. and several green at 19:33.8 hours from 16,500 feet, heading 090T, speed 155 m.p.h. T.I. good. Three explosions on run up, considerable smoke and explosions after leaving target. Excellent attack, no difficulties except some slip-stream on bombing run. | |
| 4th Nov. | Halifax III "R" NF-949 | (Captain) J6681 P/O L.D. Allatt | Bombing | 17:16 | 22:55 | Nil cloud, target identified by red and green T.I. and API homing check. Bombed two or three red T.I. at 19:34.6 hours from 17,500 feet, heading 128T, speed 155 m.p.h. Bombs were blowing up T.I. markers throughout attack. Many small fires started and most fires in centre of city. No scattered markers. Sky marking flares to port and past T/A. One large explosion seen at 19:34 hours, to starboard, N/W of city. | |
| 4th Nov. | Halifax III "S" NZ-883 | (Captain) J28667 P/O R.H. Simpson DFC | Bombing | 17:23 | 22:39 | Clear, visibility good, slight haze over target. Target identified by red T.I. and Gee check, green cascading on run up. Bombed centre of two red T.I. at 19:33.5 hours from 18,000 feet, heading 116T, speed 155 m.p.h. T.I. right on, much smoke and concentrated bomb explosions seen. A few good fires burning as A/C left. Very good attack, T.I. and bombing well concentrated, stream fairly well concentrated, no congestion, no difficulties. | |

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WL 4222-114 104 514 T.S. 700

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|----------|---------------------------|--------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 4th Nov. | Halifax III "M" MZ-284 | (Captain) J88439 P/O W.J. Parker | Bombing | 17:22 | 22:20 | Nil cloud, visibility good. Target identified by red and green T.I. and green flares with red stars. Gee check. Bombed centre of 3/4 green T.I. mixed with red at 19:33.8 hours from 17,500 feet, heading 090T, speed 155 m.p.h. Green and red mixed, some red to starboard. Large explosion at 19:33.5 hours, some good fires started and smoke rising when A/C left. One very large explosion at 19:39 hours. Most fires were to part of red and green T.I. Smoke covered T.I.'s on run up at times. Bomber concentration very good at target. | |
| 4th Nov. | Halifax III "M" MZ-164 | (Captain) J27716 P/O R.F. Bertram | Bombing | 17:13 | 22:23 | Clear, slight haze, visibility good. Target identified visually and by red and green T.I., Gee check. Bombed centre of red and green T.I. at 19:33.8 hours from 17,000 feet, heading 110T, speed 160 m.p.h. Large fire port of A/C, explosion at 19:32.5 hours resulting in large fire. Bombing was in tight concentration around T.I.'s. EFP very good. Very good "prang", should be well taken care of. | |
| 4th Nov. | Halifax III "M" LW-122 | (Captain) J27738 P/O R.A. Russell | Bombing | 17:27 | 22:33 | Nil cloud, visibility good. Target identified by red T.I. and good Gee fixes and AFI homing. Bombed red and green T.I. concentration and centre of smoke at 19:33.8 hours from 16,500 feet, heading 120T, speed 155 m.p.h. Red and green T.I. marking was well concentrated. No scattered bombing seen. Three large explosions between 19:32.4 hours and 19:32.34-35 hours. One good fire on part of city, seen on run up. Plenty of smoke and bombing was well concentrated. Height too low for bombing on this target. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--|---------|-------|-------|--|--|
| | | | | Up | Down | | |
| 4th Nov. | Halifax III "P" NP-992 | (Captain) J26677 F/O R.J. Mountford | Bombing | 17:08 | | This A/C is missing from this operation. J26677 F/O R.J. Mountford, Pilot - 21 trips, 102:35 hours. J37776 F/O R.M. Madill, Navigator @ 20 trips, 102:45 hours. R103353 W/O I.H. Jervis, W/Ops. - 20 trips, 102:45 hours. J36889 F/O H.W. Langlands, Air Bomber - 20 trips, 102:45 hrs. R251732 F/S Christie, J.H., A/Gun. - 20 trips, 102:45 hrs. 1821004 Sgt. Bell, J.S., Flt/Engine. - 20 trips, 102:45 hrs. CAN2174 W/O Munro, E.C., W/U Gun. - 20 trips, 102:45 hrs. | 75 check 71 ✓ 71 ✓ 71 ✓ 71 ✓ 71 ✓ 71 ✓ |
| 6th Nov. | Halifax III | Target, all A/C:- "GELSENKIRCHEN" | | | | Bomb load, each A/C:- 1 x 2000 lbs. & 1080 x 4 lbs. I.B., 108 "X" Type. | (Appendix "D" Battle Order No. 179, attached) |
| 6th Nov. | Halifax III "A" NR-120 | (Captain) J19626 F/O J.L. Egger | Bombing | 12:02 | 16:50 | 6/10ths strata cumulus, tops 10000 feet, visibility good. Target identified by Gee fix over target. B ombed built up area at 14:12.3 hours from 20,500 feet, heading 071T, speed 155 m.p.h. Column of smoke up to 3/4,000 feet, small fires under clouds. Good concentration of A/C on way in. Heard W/B give second hand at 14:07 hrs. | |
| 6th Nov. | Halifax III "O" NZ-807 | (Captain) J25885 F/L D.F. McGrath | Bombing | 11:59 | 16:59 | 8/10ths cloud, some broken, tops 8,000 feet, visibi- lity very good. Target identified visually, API homing, also by two canals. B ombed built up area, "Y" of rail- way, one mile west of target, at 14:15.1 hours from 21,000 feet, heading 078T, speed 150 m.p.h. Centre of city well bombed and much smoke over city, some crews went past target to find breaks in cloud to bomb through. Tar- get (Gelsenkirchen) well attacked. | |

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*1260-2111) WL 2222-212, 700 815 T.S. 700
*1260-2111) WL 2222-212, 1200 116 T.S. 700

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|----------|---------------------------|------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 6th Nov. | Halifax III "D" LV-972 | (Captain) J87692 P/O A.T. Bond | Bombing | 12:05 | 17:07 | 6 to 7/10ths cloud, tops 12,000 feet. Target identified by Gee fix and visually. Bombed centre of smoke, at 14:14 hours from 20,500 feet, heading 086T, speed 155 I.A.S. Lots of smoke, cloud partially covered T/A. No markers seen, factory aflame in T/A, also big oil fire, black smoke, deep orange flame. Several A/C noticed receiving predicted H/E. Concentration of bomber stream good. | |
| 6th Nov. | Halifax III "H" ME-909 | (Captain) J19459 P/O E.R. Smyth | Bombing | 12:03 | 16:52 | 8/10ths cloud, 10,000 feet, visibility good. Target identified by Gee and D.R. run also H2S. Bombed cloud at 14:12.5 hours from 20,000 feet, heading 077T, speed 155 m.p.h. Much smoke and fires in centre of city and outskirts of city after bombing, seen through break in cloud. Many bursts seen and fires seemed to be more to west of city. A pretty fair effort. | |
| 6th Nov. | Halifax III "J" ME-905 | (Captain) J16120 P/O N.D. Mara | Bombing | 12:00 | 16:56 | 7/10ths cloud, 7/8,000 feet, some holes, visibility good. Target identified visually on built up area. Bombed small village adjacent to railway running W to E. north of target, at 14:13.9 hours from 19,500 feet, heading 060T, speed 150 m.p.h. M/B said to bomb freely at 14:05 hours, 2000 lb. bomb hit in this small village. Some A/C bombed on cloud, large factory well hit just before A/C bombed, about three smoke stacks and an isolated area N/E of city. Smoke seen, believed to be from primary target. Bomber stream well concentrated at T/A. A scattered attack. 60 x 4 lb. I.B's hung up and brought back. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | UP | DOWN | | |
| 6th Nov. | Halifax III "K" LV-941 | (Captain) 0858 W/C F.R. Sharp | Bombing | 11:55 | 16:54 | Cloud from M/Y's stretching to the coast, clear patch to east. Target identified visually from pin-point on Rhine and on M/Y's, target checked by Gee fix. Bombed western end of M/Y's at 14:13.4 hours from 18,000 feet, heading 080T, speed 155 m.p.h. No T.I. seen, most of town obscured in cloud, one large fire on factory building near M/Y's. Not much bombing seen, M/B heard clearly, gave "second hand". Not much seen, good concentration of A/C, no difficulties. | |
| 6th Nov. | Halifax III "L" MZ-425 | (Captain) J85132 F/O J.L. Scale DM | Bombing | 11:45 | 16:45 | Alternative, bombed HOFSTEDT about mile north of Bochum. 7/10ths cloud, tops 7,000 feet. Target identified visually. Bombed centre of built up area at 14:13.2 hours from 19,500 feet, heading 091T, speed 165 I.A.S. Bombing seen on Bochum also on two factories west of Hofstede. Factories covered with incendiaries, some short coming up. Bombed alternative on instructions of M/B. | |
| 6th Nov. | Halifax III "M" MZ-419 | (Captain) 020393 F/L R.W. Patterson | Bombing | 12:04 | 17:02 | Bombed secondary target on instructions of M/B, other bombing in this area about 10 miles N/E of target. Nil visibility over target, breaks in cloud. Target identified visually through cloud breaks. Bombed centre of the built up area at BUER, north of canal, at 14:15.5 hours from 20,000 feet, heading 060T, speed 155 m.p.h. Primary obscured in smoke and cloud, no T.I., M/B heard clearly, "second hand". Others on BUER, most bombing scattered, good attack. | |

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*1228-5211) W/L 2222-512; 700 812) T.S. 700
*1229-5211) W/L 2222-512; 1200 512) T.S. 700

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--------------------------------------|----------------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 6th Nov. | Halifax III "O" NP-936 | (Captain) J89320 E/O W.T. Jensen | Bombing | 11:50 | 17:00 | 4 - 6/10ths cloud, good visibility at secondary target. Target identified visually on pin-point beyond A/F. Bombed factory in built up area to south of canal Rhine Heuve, at 14:14.5 hours from 20,000 feet, heading 032E, speed 160 m.p.h. T.I. seen, M/B heard giving "second hand" at 14:11 hours. Bombing at target not seen due to cloud. Bombing scattered. Brought back 60 x 4 lbs. I.B. hung up over target. One hole on port tail plane D.N.A. Very scattered, concentration of A/C was very good but bombing impossible due to weather. | |
| 6th Nov. | Halifax III "P" NP-937 | (Captain) J28267 E/O R.H. Simpson | Bombing DFC | 11:57 | 16:41 | 6/10ths cloud, tops 8/10,000 feet, visibility good. Target identified by Gee fix. Bombed through cloud at 14:12.5 hours from 21,000 feet, heading 071T, speed 155 m.p.h. Bombs should have hit in built up area seen through hole in cloud just after A/C bombed. Smoke rising from under cloud to 20/11,000 feet. No difficulties, many A/C in front bombing in one spot. Believed to be a good attack. | |
| 6th Nov. | Halifax III "Q" NZ-417 | (Captain) J16126 E/O D.F. Guy | Bombing | 11:48 | 16:43 | 7/10ths stratus cumulus, hazy below, visibility clear above. Target identified by green T.I., vague but checked on Gee fixes and E.T.A. Bombed centre of built up area and green T.I.'s at 14:12.8 hours from 20,500 feet, heading 070T, speed 155 m.p.h. T.I. not clear, due to haze, seemed spread over area. M/B heard on Marconi only, gave order "second hand", other bombing not seen clearly. Brought back 90 x 4 lb. I.B. hung up over target due to technical difficulties. Scattered attack, stream well concentrated, both to and over target. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|---------------------------------------|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 6th Nov. | Halifax III "P" NP-949 | (Captain) J6681 F/L L.D. Allatt | Bombing | 11:47 | 16:53 | 8/10ths st. ou., tops 8,000 feet, visibility good. Target identified by Rhine River and D.R. from Gee fix and Gee homing to R.F. Bombed smoke and fires from built up area at 14:13.1 hours from 20,000 feet, heading 076°, speed 155 m.p.h. Many fires with greying black smoke rising into sky also many bomb bursts and string of I.B. on grounds. Good concentration of A/C, M/B heard at 13:57 hours giving "second hand". | |
| 6th Nov. | Halifax III "T" MZ-284 | (Captain) J88439 F/O W.J. Parker | Bombing | 11:51 | 16:57 | 5/10ths cloud, tops 8/10,000 feet, some holes visible in cloud. Target identified visually, fires seen in centre. Bombed fires and smoke at 14:11.1 hours from 19,500 feet, heading 070T, speed 155 m.p.h. Hole in cloud just A/C bombed, factory seen to go up, believed to be 4,000 or 2,000 lb. bomb and 9-10 miles from target giving off black smoke. Many fires around A/P with smoke to cloud top. Much built up area in vicinity of target. Bomber stream well concentrated in T/A. Believed to be a good attack. | |
| 6th Nov. | Halifax III "V" MZ-164 | (Captain) J89420 F/O R.F. Saunders | Bombing | 11:52 | 16:57 | 10/10ths cloud, some holes, tops 10,000 feet, visibility good. Target identified visually. Bombed on four chimneys in factory at 14:13.7 hours from 19,000 feet, heading 032T, speed 160 m.p.h. Believed to have bombed Dueen north of primary, four chimneys in factory, four cookies landed right in centre of this factory. 2000 lb. bomb hit factory and black smoke came out. 60 x 4 lb. I.B. hung up and brought back. Target may have been clear 1/2 an hour after attack was over. | |

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*1295-0211 W/L 12885-0124 708 814 T.S. 708
*1299-0211 W/L 14085-0124 1208 114 T.S. 708

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|----------|---------------------------|--------------------------------------|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 6th Nov. | Halifax III "W" LH-122 | (Captain) J27738 P/O R.A. Russell | Bombing | 12:40 | 16:48 | 6 - 8/10ths stratus cumulus, visibility good, target seen through gaps. Target identified by green and red T.I. and other bombing checked by Gee fixes. Bombed red and green T.I. visually on west side of built up area at 14:14.4 hours from 21,000 feet, heading 082T, speed 155 m.p.h. T.I. well placed, M/B heard but some interference, instructions seemed O.K. Previous bombing seemed well concentrated, smoke about 10,000 feet. After bombing FFF was noticed marking factory outside of area and at least three A/C bombed on this. Good attack, well concentrated stream over target but no extra congestion. No difficulties except one motor none too good, climbed to 21,000 feet for extra height. | |
| 6th Nov. | Halifax III "X" ME-815 | (Captain) J36368 P/O H.G. Solomon | Bombing | 11:52 | 16:46 | 5 - 7/10ths cloud, tops 10,000 feet. Target identified visually and by red T.I.'s and Gee fix. Bombed centre of smoke and red T.I.'s showing through smoke, at 14:14.2 hours from 20,000 feet, heading 135T, speed 160 I.A.S. Huge explosion with flames reaching to 1000 feet, heavy black smoke billowing up. Several other fires seen with quite a bit of smoke. A/C's 2,000 lb. bomb seen to land on factory. Cloud obscured most of marking. Many incendiaries seen burning in built up area. Due to congestion A/C above forced this A/C to turn to starboard after bombs were released, this may spoil photo. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|----------|---------------------------|--------------------------------------|---------|-----------------------------------|-------|--|------------|
| | | | | UP | DOWN | | |
| 6th Nov. | Halifax III "N" NZ-857 | (Captain) J27716 P/O R.F. Bertran | Bombing | 11:45 ¹ / ₂ | 16:47 | <p>Secondary target - BOGHUM. 8/10ths cumulus with breaks, visibility good above, haze below. No T.I. seen overran fires slightly starboard of track, bombed a built up area, Gee fix on R.P. at edge of Bochum. Bombed at 14:14 hours from 20,000 feet, heading 078E, speed 155 m.p.h. T.I.'s not seen before bombing, one group of green T.I. seen in field after turn off. T.I. scattered, other bombing seemed scattered in T/A. M/B heard faintly, "second hand" only heard. 90 x 4 lbs. I.B. hung up over target, brought back. No difficulties, concentration of A/C good on way in, spread a bit later. Fighter escort good.</p> | |
| 6th Nov. | Halifax III "Y" NZ-910 | (Captain) J29592 P/L W.C. Pierce | Bombing | 11:53 | 16:51 | <p>7/10ths stratus, breaks over target, visibility above good, haze below. Target identified by smoke and fires checked by Gee fix. Bombed at 14:13.7 hours from 21,000 feet, heading 072E, speed 155 m.p.h. on M/B's seen visually. T.I. not seen and M/B not heard. Other bombing at target seemed concentrated. A/C's bombing seemed effective, black smoke in dense clouds to 10,000 feet. Brought back 90 x 4 lb. I.B. hung up over target, technical difficulties. Good attack, some bombing seen to port of way out after bombing. Good stream concentration, no difficulties.</p> | |

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(11784-2511) WL 2222-114 10W 814 T.S. 788
(11784-2511) WL 4467-114 12W 144 T.S. 788

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|-----------|---------------------------|---|-----------|-------|-------|--|--------------------------------|
| | | | | Up | Down | | |
| 11th Nov. | Halifax III | Target, all A/C:- "OSLO AREA" (Gardening) | | | | | (Appendix "E", Battle Order |
| 11th Nov. | Halifax III "J" ME-905 | (Captain) J06368 F/O H.G. Solomos | Gardening | 16:03 | 22:41 | Nil cloud, much haze. Gardened at a position 5950 54N 1037 48E, dropping 1 x K1010, 1 x G308 and 2 x G706 at 19:57 hours from 15,000 feet, speed 205 m.p.h., track 030. 1 x K1010 hung up and brought back, reason unknown. Slight icing but no difficulties. | No. 183, attached) |
| 11th Nov. | Halifax III "E" ME-818 | (Captain) J23865 F/O D.F. McGeath | Gardening | 16:02 | 22:38 | Strata cumulus 4/10ths, much haze. Gardened at a position 5950, 54N 1037, 48E, dropping 1 x K1010, 2 x G308 and 1 x G706 at 19:52.7 hours from 15,000 feet, speed 195 m.p.h., track 038. A very good trip. | |
| 11th Nov. | Halifax III "G" NR-137 | (Captain) J26783 F/O J. Burch | Gardening | 15:57 | 22:33 | 2 - 4/10ths strata cumulus, tops 5,000 feet, visibili- ty poor, much haze. Gardened at a position 5950, 54N 1037, 48E, dropping 1 x K1010, 2 x G308 and 1 x G706 at 19:57 hours from 15,000 feet, speed 200 m.p.h., track 036. No blackout across Norway on route. | |
| 11th Nov. | Halifax III "H" ME-857 | (Captain) J29268 F/O J.H. Howes | Gardening | 15:58 | 23:07 | PRM88Y Nil cloud, slight haze. Gardened at a position 595306N 104448E, dropping 1 x K1010, 2 x G308 and 1 x G706 at 20:11.8 hours from 15,000 feet, track 065, speed 204 m.p.h. A very good trip. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--------------------------------------|-----------|-------|-------|---|---|
| | | | | UP | DOWN | | |
| 11th Nov. | Halifax III "y" ME-910 | (Captain) J86735 P/O R.A. Forbes | Bombing | 16:01 | 22:37 | 2 - 4/10ths low cloud, much haze. Gardened at a position 595054N 103748E, dropping 1 x K1010, 2 x C308 and 1 x G706 at 19:57.1 hours from 15,000 feet, track 030, speed 206 m.p.h. Tactics on route out were good but not very good for return trip. Visual identification at garden impossible due to haze. | |
| 11th Nov. | Halifax III "q" ME-417 | (Captain) J27738 P/O R.A. Russell | Gardening | 16:00 | 22:53 | No low cloud, 6 - 7/10ths light cirrus at 15,000 feet, visibility only fair. Gardened at a position 595054N 103748E, dropping 1 x C308, 1 x K1010 and 2 x G706 at 19:58.1 hours from 15,000 feet, track 030, speed 199 m.p.h. Harbour easily seen when mines dropped. | |
| 16th Nov. | Halifax III | Target, all A/C:- "JULICH" | | | | Bomb load, each A/C:- 1 x 2000 lbs., 7 x 1000 lbs. & 4 x 500 lbs. | Appendix F, Battle Order No. 185, attached |
| 16th Nov. | Halifax III "A" NR-120 | (Captain) J19626 P/O J.L. Egger | Bombing | 12:53 | 17:59 | Slight ground haze, visibility good, nil cloud. Target identified by timed frun from Aachen bending Autoban midway Aachen to T/A, target haze of smoke. Bombed at 15:41.3 hours from 16,500 feet, heading 048T, speed 160 m.p.h. on red and green T.I.'s immediately beyond Pickwick. T/A covered with dense smoke, target to port and starboard plainly visible. 1 x 1000 lbs. hung up, shook loose 5146/0249, 16:33 hours, 11,000 feet. Left main bomb door holed by loose bomb. Very good concentration of bombing, T/A enveloped in smoke, good effort, H/B indistinct. | |

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(1276-921) Wt. 6000-115; P.W. 84; T.S. 700
(1290-921) Wt. 6000-115; P.W. 84; T.S. 700

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|-----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 16th Nov. | Halifax III *B* LW-967 | (Captain) J17146 F/L W.H. Miller | Bombing | 12:47 | 18:25 | No cloud, hazy, visibility good. Target identified by timed run from Aachen checked with Gee, river and smoke. Bombed at 15:41.5 hours from 17,000 feet, heading O&T, speed 160 m.p.h. on up wind edge of smoke. M/B heard giving "Pickwick." Very good bombing on A/P. Target obscured by smoke at time of bombing. Jettisoned, safe, 5400N O&T, 17:25 hours, from 14,000 feet, 1 x 2000 lbs. Should be very successful raid. | |
| 16th Nov. | Halifax III *P* MZ-872 | (Captain) J25839 F/O A.P. Heathcote | Bombing | 13:08 | 17:58 | 3 - 4/10ths cloud, tops 10,000 feet, visibility good, slight ground haze. Target identified by concentration of smoke into which red T.I. disappeared, checked visually on river and roads also checked by Gee fix. Bombed at 15:40.3 hours from 16,500 feet, heading O&T, speed 160 m.p.h. on centre of smoke obscuring A/P, checked by run in on Gee. T.I. obscured in smoke, M/B not heard. Concentrated bombing on target good, several bomb explosions seen and glow of fires in smoke rising to 9 - 10,000 feet. Starboard outer engine feathered at Oxfordness. Excellent attack, concentration good, no congestion over target, no difficulties. | |

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|-----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 16th Nov. | Halifax III "H" ME-909 | (Captain) J28618 P/O G.L.D. O'Grady | Bombing | 13:07 | 18:21 | <p>Hazy, fair visibility. Target identified by rail-road crossing Autoban west of T/A, timed run from Aachen.</p> <p>Bombed at 15:41 hours from 16,000 feet, heading 050T, speed 160 m.p.h., on "Pickwick". T/A covered with dense smoke, dark spiral of smoke rising from centre, given "Pickwick" before leaving Aachen. Stream well concentrated, bombing appeared well placed on T/A, good effort.</p> | |
| 16th Nov. | Halifax III "L" ME-125 | (Captain) J57822 P/O A.F. Bond | Bombing | 13:04 | 18:17 | <p>5/10ths broken cloud, visibility good. Target identified by bend of railway running into town, river and Gee fix at target. Bombed at 15:41 hours from 15,000 feet, heading 046T, speed 165 m.p.h., on centre of smoke.</p> <p>No T.I. seen, concentrated bombing on smoke, target obscured by smoke, one large explosion at 15:42 hours. No congestion but bombs and I.B. going down very near A/C, M/B not heard clearly. Result of previous raid seen with column of smoke rising to 8,000 feet.</p> | |
| 16th Nov. | Halifax III "J" ME-905 | (Captain) J25885 P/L D.F. McGrath | Bombing | 12:58 | 18:11 | <p>Clear but hazy, visibility faint. Target identified visually and by D.R. and timed run. Bombed at 15:40.3 hours from 15,500 feet, heading 049, speed 160 m.p.h., on "Pickwick" and visually. M/B instructed A/C to bomb "Pickwick", concentration of bombers very good, none scattered. Explosion of bombs seen through haze and smoke covering centre of target. Raid considered very good, no difficulty, tactics and route O.K.</p> | |

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*1274-5211) WL 4829-574 700 842 T.S. 700
*1274-5211) WL 4829-574 700 842 T.S. 700

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|-------------------------------------|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 16th Nov. | Halifax III "M" LV-944 | (Captain) 0858 W/C F.R. Sharp | Bombing | 13:06 | 18:25 | Clear, visibility good. Target identified visually, D.R. run and time check. Bombed at 15:40.6 hours from 15,500 feet, heading 060, speed 160 m.p.h., on waves S/E of town. As timed run not up under shot at 060 degrees and bombs thought to have gone into wood S.E. of target. There was other bombing going on in woods at the same time. Jettisoned, safe, 1 x 2000 lbs., 5400N 0140E, 17:29 hours, 8500 feet, hung up. Should have been a good raid. | |
| 16th Nov. | Halifax III "N" MZ-857 | (Captain) 32716 S/O R.F. Bertran | Bombing | 12:51 | 18:20 | No cloud, much ground haze. Target identified by Autoban south of Sulick and railways into town checked by Gee and other bombing. Bombed at 15:12 hours from 17,000 feet, heading 042T, speed 160 m.p.h., visually on built up area of town checked by features in outskirts. T.I. not seen, M/B not heard. Bombing very concentrated on town, much smoke rising over 5,000 feet, glow of fires burning in smoke. Excellent attack, excellent concentration of bombers on route over target, no difficulties. | |
| 16th Nov. | Halifax III "P" NP-937 | (Captain) 38320 S/O W.T. Jensen | Bombing | 13:00 | 18:15 | No cloud, visibility good. Target identified by railway north and south of town and river. Bombed at 15:39.8 hours from 16,500 feet, heading 042E, speed 160 m.p.h., on centre of smoke around built up area. No markers. Very good concentration of bombing on A/P, checked visually. Many small fires, large explosion in north part of target at 15:39.6 hours. Very good concentration of A/C as to height and dispersion. M/B not heard, very concentrated raid, fighter cover good. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 16th Nov. | Halifax III "Q" NZ-417 | (Captain) J16126 P/O D.F. Guy | Bombing | 13:02 | 18:07 | 5/10ths stratus, tops 8,000 feet, visibility fair. Target identified by visual check with D.R. and timed run. Bombed at 15:40.7 hours from 16,000 feet, heading 042, speed 160 m.p.h., on centre of town. T.I's seen on run up but not visible at bombing time. Bombed visually on centre of town after pin-pointing. Bombing very concen- trated, smoke obscured the area making assessment diffi- cult. Considered a "bang on" attack, some congestion due to close concentration, route and tactics O.K. | |
| 16th Nov. | Halifax III "R" NP-949 | (Captain) J27738 P/O B.A. Russell | Bombing | 18:59 | 18:19 | Clear over target, visibility only fair, much haze. Target identified by smoke up to 7,000 feet over target, roads leading into town and forest on starboard. Bombed at 15:42 hours from 15,500 feet, heading 046, speed 160 m.p.h., on centre of smoke, fire and explosions and some (very little) built-up area. What appeared to be incendiary bombs seen in T/A. This target was a mass of smoke and fires. Concentration of bombing was terrific. One huge explosion seen about 15:41 hours, no scattered bombing, a completely successful attack in every way. M/B only heard to say bomb "Pickwick". Encountered predicted H/P, 511R 0610E, 15:51 hours, 15,500 feet. Bomber stream in a good concentration but there were some stragglers. | |

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(11761-9211) WL 8822-1124 706 813 1.5 709
(11762-9211) WL 4490-1124 1204 1141 1.5 709

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|-----------|---------------------------|---------------------------------------|----------------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 16th Nov. | Halifax III "S" ME-883 | (Captain) J28667 F/O R.H. Simpson | Bombing DFC | 13:03 | 18:14 | Nil cloud but much haze. Arrived over target at 15:41 hours, 15,000 feet on a heading 046 true. T/A covered in smoke and dust, Aachen was clouded over, target could not be identified visually. M/B not heard nor were any T.I. markers seen when A/C was on bombing runs. Brought back total load, could not identify target. Bomber stream well concentrated over T/A on run up. | |
| 16th Nov. | Halifax III "Y" ME-910 | (Captain) J89120 F/O R.P. Saunders | Bombing | 12:43 | 18:05 | No cloud but heavy haze. Target identified by road to port and part of built up area. Bombed at 15:43 hours from 15,500 feet, heading 020, speed 160 m.p.h., on centre of T/A and smoke. M/B not heard, no markers seen, bombing very concentrated but there may have been some overshoots. Some fires seen in built up area. Heavy haze made visual identification very difficult. Stream well concentrated. | |
| 16th Nov. | Halifax III "Y" ME-464 | (Captain) J86735 F/O R.A. Forbes | Bombing | 12:49 | 18:21 | Clear, visibility good. Target identified visually, D.R. run and timed run. Bombed at 15:44 hours from 16,000 feet, heading 045, speed 160 m.p.h., on Pickwick. M/B instructed A/C to bomb Pickwick. Bombing seemed to be in a solid mass covering the whole target. Smoke column to 8,000 feet, drifting starboard. Jettisoned 1 x 2000 lb. safe, 521N 0257E, 16:37 hours, 15,000 feet. Seemed like an excellent raid, target well covered, concentrations of A/C very tight, route and tactics O.K. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|------------------------------------|---------|-------|-------|---|---|
| | | | | Up | Down | | |
| 18th Nov. | Halifax III | Target, all A/C:- "MUNSTER" | | | | Bomb load, each A/C:- 16 x 500 lbs. | (Appendix "C", Battle Order No. 186, attached) |
| 18th Nov. | Halifax III "A" NR-120 | (Captain) 149626 P/O J.L. Egger | Bombing | 12:17 | 18:32 | 10/10ths strata cumulus, tops 10,000 feet, visibility good. Target identified by red and green checked by Gee. Bombed at 15:03.8 hours from 17,000 feet, heading 066, speed 160 m.p.h., on red flares. Flares were scattered over a large area and no concentration. The flares were in three bunches, one red and two green. Green ahead of red a considerable distance and more green off to starboard. Diverted to Great Orton. Uncertain attack as flares at this A/C's time were scattered and concentration of A/C not good. It may have developed better later on. | |
| 18th Nov. | Halifax III "B" LW-967 | (Captain) 17146 P/O W.H. Miller | Bombing | 12:16 | 18:57 | 10/10ths strata cumulus, tops 9 - 10,000 feet, visibility good. Target identified by red and green and Gee check. Bombed at 15:01.3 hours from 16,500 feet, heading 066, speed 160 m.p.h., on Gee. Made a good run up on red flares but just before bombing flares faded out, A/C had a good Gee and bombed on this as it was better than trying to make correction and lose heading. Diverted to Crosby - on - Eden. Uncertain attack, however, if FFF marking accurate raid should prove fair. Good concentration of A/C over target. | |

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(1796-281) WL 2222-1124 708 844 T.S. 700
(1799-281) WL 2222-1124 1374 1144 T.S. 700

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|-----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 18th Nov. | Halifax III "C" ME-807 | (Captain) J25885 F/L D.P. McGrath | Bombing | 12:21 | 18:30 | 10/10ths strata cumulus, tops 5,000 feet, visibility good. Target identified by red and green. Bombed at 15:05.4 hours from 16,000 feet, heading 066, speed 160 m.p.h., on red flares. Red flares checked O.K. with Gee, greens were off to starboard bow approximately three miles. I/B heard. Diverted to Great Orton. Attack blocked scattered, majority of A/C seemed to bomb on red at this A/C's time. Uncertain raid, concentration of A/C loose, no trouble. | |
| 18th Nov. | Halifax III "G" ME-818 | (Captain) J25839 F/O A.P. Heathcote | Bombing | 12:26 | 18:38 | 10/10ths cloud over target. Bombed at 15:03.1 hours from 16,500 feet, 072 degrees. Diverted to Great Orton. | |
| 18th Nov. | Halifax III "F" ME-872 | (Captain) J20393 F/L R.W. Patterson | Bombing | 12:22 | 18:17 | 10/10ths cloud, tops 10/12,000 feet, visibility good. Target identified by sky markers. Bombed at 15:10 hours from 17,000 feet, heading 066 degrees true, speed 160 m.p.h. Marking very scattered and A/C was forced to make an orbit over target, load failed to release and went two minutes later as salvo. Flares went down immediately behind where bombs went. Very poor raid, although good concentration of A/C. Diverted to Lening. | |
| 18th Nov. | Halifax III "H" ME-909 | (Captain) J28618 F/O G.L.D. O'Grady | Bombing | 12:29 | 18:41 | 10/10ths cloud over target. Bombed at 15:05.6 hours from 17,500 feet, heading 072. Diverted to Great Orton. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
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| | | | | Up | Down | | |
| 18th Nov. | Halifax III "K" LV-941 | (Captain) 0858 W/O F.R. Sharp | Bombing | 12:25 | 19:14 | Bombed as ordered at 15:03.6 hours from 18,100 feet, heading 072 M. Jettisoned on target fuse bomb tft, frozen up, fused. Diverted to Skilloth. | |
| 18th Nov. | Halifax III "D" LV-972 | (Captain) 116126 F/O D.F. Guy | Bombing | 12:27 | 19:20 | 10/10ths cloud, 18,000 feet, visibility good. Target identified by Gee fix and green flares. Bombed at 15:06.6 hours from 16,000 feet, heading 066T, speed 160 I.A.S., on centre of cluster of three green flares. Red flares off to port about half a mile. Heavy cloud. Heavy flak, 5143N 0625E, 14:53 hours, 16,500 feet, holed fuselage. Diverted to Skilloth. Good concentration of A/C up to tar- get area but appeared to be spoiled due to scattered flares. Good fighter cover. | |
| 18th Nov. | Halifax III "N" MZ-857 | (Captain) 110246 S/L E.B. Van Slyck DFC | Bombing | 12:12 | 17:36 | 10/10ths cloud, tops 10,000 feet, visibility good. Target identified by H2S, red flares, Gee check, homing to within 10 miles of target then used H2S. Bombed at 15:03.1 hours from 17,000 feet, heading 056, speed 160 m.p.h., between red and green sky flares. Four to five red flares to port and green on starboard in a bunch, these red flares were running parallel with tracks. No results of attack observed. A very scattered raid. Red flares were to north and west edge of city and a number of crews bombed there. Stream over target not as good as usual, fairly well scattered. | |

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(1226-2311) W/L 2282-2311; 700 8147 T.S. 700
(1226-2311) W/L 2282-2311; 1200 1144 T.S. 700

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|-----------|---------------------------|--------------------------------------|----------------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 18th Nov. | Halifax III "O" NP-936 | (Captain) J89320 P/O W.T. Jensen | Bombing | 12:14 | 18:44 | 10/10ths cloud, tops 6,000 feet, visibility good. Target identified by red and green flares, checked with Geo. Bombed at 15:04.7 hours from 16,500 feet, heading 077E, speed 160 m.p.h., on centre of five red markers. Ref flares bombed, seemed very slightly to starboard of Munster, other red three or four to port, green flares scattered. Bombing seemed concentrated on red flares this A/C bombed. Diverted to Great Orton. Concentration to target of A/C good, slight congestion over target. Fighter cover very excellent, no difficulties. | |
| 18th Nov. | Halifax III "P" NP-937 | (Captain) J27716 P/O R.D. Barton | Bombing | 12:15 | 18:45 | 10/10ths cloud over target. Bombed at 15:04 hours from 17,500 feet, 071 degrees M. Diverted to Great Orton | |
| 18th Nov. | Halifax III "S" ME-883 | (Captain) J28667 P/O R.H. Simpson | Bombing DFC | 12:23 | 18:45 | 10/10ths strata cumulus, tops 8 - 10,000 feet, visibility good. Target identified by red and green flares. Bombed at 15:02.9 hours from 17,500 feet, heading 066. speed 160 m.p.h., on red flares. Bombed a good concentra- tion of 10 red flares, greens were off to head. Diverted to Crosby-on-Eden. If FFF were on the attack should have been successful. Marking was good, no trouble experienced. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--|---------|-------|-------|---|------------|
| | | | | UP | DOWN | | |
| 18th Nov. | Halifax III "1" ME-204 | (Captain) J17866 S/L T.H. Prescott | Bombing | 12:20 | 17:45 | 10/10ths thin cloud, 12,000 feet, visibility good. Target identified by red flares and Gee fix. Bombed at 15:03.7 hours from 17,000 feet, heading 066T, speed 160 m.p.h., on centre cluster of a group of three red flares. Two dummy red flares shot up to starboard on run up to target and puff of flak which appeared to be aimed at Wanganui. Heard H/B clearly, instructed to bomb "overhead". A/C strung out on run up and over target, unable to assess results due to cloud cover. Weather closing in over target, balance of route good. | |
| 18th Nov. | Halifax III "V" ME-464 | (Captain) J27738 P/O R.A. Russell | Bombing | 12:19 | 17:40 | 10/10ths cloud, visibility good. Target identified by red flares followed by green; Gee fix. Bombed at 15:03.5 hours from 18,000 feet, heading 166T, speed 155 I.A.S., on centre of five red flares parallel to track. Nothing but red and green flares and heavy clouds. If marking accurate it was a concentrated effort. Bomber stream compact on converging on A/P, flares on track and checked with Gee. Good fighter support. | |
| 18th Nov. | Halifax III "I" ME-910 | (Captain) J089420 P/O R.F. Saunders | Bombing | 12:16 | 18:48 | 10/10ths strata cumulus, tops 8,000 feet, visibility good. Target identified by red flares. Bombed at 15:03.5 hours from 16,000 feet, heading 066, speed 160 m.p.h., on string of five red flares. Bombed centre of string of five reds, green bunch scattered over ahead and starboard of track. Diverted to Great Orton. If red flares were on target should be well hit. Good concentration of A/C and heading seemed good. | |

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(1041-921) WL 2222-4724 Form 843 TS 700
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|-----------|---------------------------|-------------------------------------|---------|-------|-------|--|--|
| | | | | Up | Down | | |
| 21st Nov. | Halifax III | Target, all A/C:- "CASTROP-BAUXEL" | | | | Bomb load, each A/C:- 16 x 500 lbs. | (Appendix "H", Battle Order, No. 190, attached) |
| 21st Nov. | Halifax III "A" NR-120 | (Captain) 31926 P/O J.L. Eggen | Bombing | 15:56 | 21:33 | Nil cloud, some haze, visibility good. Target identified by red T.I. and Gee check. Bombed at 19:05.8 hours from 19,000 feet, heading 132, speed 155 m.p.h., on centre of all red and green T.I. Two red T.I. slightly off to port, no land detail visible. A fair sized fire in T/A and some scattered fires around T/A, smoke up to about 6/7,000 feet. A really successful attack and marking excellent. A good route and concentration of bomber stream over target very good. | |
| 21st Nov. | Halifax III "B" LV-967 | (Captain) 317146 F/L W.H. Miller | Bombing | 15:58 | 21:35 | Nil cloud, visibility good. Target identified by red and green T.I. Bombed at 19:05.4 hours from 18,000 feet, heading 450, speed 175 m.p.h., on centre of red and green T.I. seen. Marking was terrifically concentrated and bombing also. Markers were stretched across target in an east to west line. Bomb flashes were on markers. One huge explosion seen at 19:04 hours which illuminated built up area north of target. Two very good fires seen as A/C left. A very good trip. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | UP | DOWN | | |
| 21st Nov. | Halifax III "C" ME-807 | (Captain) J25885 P/L D.P. McGrath | Bombing | 15:59 | 21:37 | No cloud, visibility good. Target identified by red T.I., Autoban, Gee fix. Bombed at 19:03.6 hours from 17,000 feet, heading 139T, speed 160 m.p.h., on centre of red T.I. Concentration of red and green on A/P by visual check of Autoban, one salvo of green short about two miles. Good bombing on A/P. No congestion, bombing at Sterkade seen at 19:30 hours. | |
| 21st Nov. | Halifax III "D" ME-845 | (Captain) J16120 F/O N.D. Mars | Bombing | 16:24 | 21:56 | Clear over target, visibility good. Target identified by red and green T.I. checked by Gee. Bombed at 19:06.4 hours from 18,000 feet, heading 162T, speed 160 m.p.h., 12 clusters red T.I. with centre of green T.I., about 8 clusters. T.I. at this time were rather scattered over about four square miles. Bombing seemed over the built up area. A large fire with orange flame of one minute duration seen in target area on run in. Good effort for a small target, no difficulties. | |
| 21st Nov. | Halifax III "E" ME-818 | (Captain) J25839 F/O A.P. Heathcote | Bombing | 16:00 | 21:30 | Clear, excellent visibility. Target identified by red T.I. cascading. Bombed at 19:04.3 hours from 19,000 feet, heading 158, speed 160 m.p.h., on centre of a concentration of red T.I.'s. Red and green T.I.'s well concentrated and clearly visible, two large explosions seen. A/P clearly visible, appeared to be accurately bombed. Uneventful trip. | |

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*1276-22(1) WL 2289-212 700 812 T.S. 700
*1276-22(1) WL 2289-212 700 812 T.S. 700

FOR THE MONTH OF November, 19 44

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--|---------|-------|-------|--|---|
| | | | | Up | Down | | |
| 21st Nov. | Halifax III "J" ME-905 | (Captain) J29592 S/L W.C. Pierce | Bombing | 16:00 | 22:02 | No cloud, slight haze, visibility good. Target identified by red and green T.I. Bombed at 19:07.4 hours from 18,000 feet, heading 144T, speed 160 m.p.h., on centre of red and green. Red and green well concentrated, bombing on T.I's. One explosion on port of T.I's at 19:07 hours, smoke rising 8/10,000 feet, no large fires seen. No congestion, should be good raid if FFF accurate. | |
| 21st Nov. | Halifax III "T" ME-284 | (Captain) J37692 P/O A.T. Bond | Bombing | 16:13 | | This A/C failed to return from this operation. J87692 P/O A.T. Bond - 19 sorties, 103:10 hours. J37779 P/O Watson, R.A., Nav. - 16 sorties, 87:45 hours. R205116 P/S Robson, A.E., WOP. - 16 sorties, 87:45 hours. R192761 P/S Seymour, J.R., A/B. - 16 sorties, 87:45 hours. R123313 Sgt. Slack, K.E.C., A/G - 16 sorties, 87:45 hours. 545829 Sgt. Weir, J., P/E - 16 sorties, 87:45 hours. R261671 P/S Allan, R., M/U A/G. - 16 sorties, 87:45 hours. | 66 Ps 55 ✓ 55 ✓ 55 ✓ 55 ✓ 55 ✓ 55 ✓ |
| 21st Nov. | Halifax III "N" ME-857 | (Captain) J28328 P/L G.L. Orendorff | Bombing | 15:46 | 21:19 | Clear, visibility unlimited. Target identified by red T.I. checked by H28. Bombed at 19:03.3 hours from 13,000 feet, heading 096T, speed 180 m.p.h., on centre of cluster of red T.I. Greens seen cascading 19:05 hours. Target not well seen due to excitement over target, no other bombing seen, only one group T.I. seen; none other seen off target. A/C coned during attack. Stream very good. Combat with P/A, ME 110. Possible damage to P/A, but no damage to bomber or casualties to crew. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|---------------------------------------|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 21st Nov. | Halifax III "O" NP-936 | (Captain) J59220 P/O W.T. Jensen | Bombing | 15:49 | 22:04 | 2/10ths strata cumulus, tops 5,000 feet, visibility good. Target identified by green and red T.I. Bombed at 19:05.4 hours from 18,000 feet, heading 160E, speed 160 m.p.h., on centre of red T.I. Red T.I. well bunched and green T.I. about 500 yards short of them. Large fire among green. One large explosion 2/3 miles short of target at 19:04 hours. No congestion over target, bombing well concentrated on markers. | |
| 21st Nov. | Halifax III "R" NP-949 | (Captain) J16126 P/O D.F. Guy | Bombing | 15:57 | | This A/C failed to return from this operation. J16126 P/O D.F. Guy, Pilot - 21 sorties, 109:05 hours. 7H Ps. J36331 P/O G.H. Love, Nav. - 20 sorties, 103:40 hours. 70 ✓ R151395 P/S Ramsey, L.P., WOP. - 20 sorties, 103:40 hours. 70 ✓ J24517 P/O H.A. McLennan, A/S - 20 sorties, 103:40 hours. 70 ✓ J89786 P/O R.D. McLachlan, A/C - 30 sorties, 155:40 hours. 101 ✓ 1594980 Sgt. Looney, T.A.S., P/S - 20 sorties, 103:40 hours. 70 ✓ R207973 P/S Scott, J.J., M/U A/C - 20 sorties, 104:50 hours. 71 | |
| 21st Nov. | Halifax III "S" NZ-883 | (Captain) J17866 P/L T.H. Prescott | Bombing | 15:50 | 21:28 | Clear, slight haze, visibility good. Target identified by red and green T.I. Bombed at 19:03.2 hours from 18,000 feet, heading 148, speed 160 m.p.h., on centre of mixed concentration of red and green T.I. Markers were best ever seen, reds went down first, greens down merging with reds, more reds later and formed excellent pattern of tight marking on A/P. All bombs were going into marked area and bomb flashes were continuous in the area, smoke coming up to approximately 8,000 feet. If T.I.'s were on target it should be wiped out as raid looked like one of the best yet. Concentrated stream, met. winds a way out. | |

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(12781-2511) WL 2289-1121 708 8147 T.S. 700
(12799-2511) WL 2289-1121 1208 114 T.S. 700

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|----------------------------|--------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 21st Nov. | Halifax III "Y" 122-464 | (Captain) J6681 F/L L.D. Allatt | Bombing | 15:53 | 22:05 | Nil cloud, visibility good. Target identified by red and green T.I.'s. Bombed at 19:05 hours from 19,000 feet, heading 172, speed 160 m.p.h., on centre of concentration of red T.I.'s. Gee check - good overlap of red and green T.I.'s. Large explosion emitting orange flames at 19:05 hours. Numerous smoke puffs. 1 x 500 lbs. dropped into bomb bay immediately after leaving target, did not show as a hang up, brought back. Good concentration of bombing, met. good, target well marked. T/A wind had veered 40 degrees and dropped 20 m.p.h. compared to broadcast. | |
| 21st Nov. | Halifax III "Z" 122-122 | (Captain) J27738 F/O R.A. Russell | Bombing | 15:52 | 21:25 | Clear, visibility unlimited. Target identified by red and green T.I., checked by Gee and EDA. Bombed at 19:03.7 hours from 18,000 feet, heading 156T, speed 160 m.p.h., on centre of one mass of red T.I. with green intermingled and slightly to starboard. T.I. seemed concentrated on A/P. Two large explosions in T/A at about 19:03 hours, other bombing seemed on A/P. Straps concentrated to target and on return. No congestion over target at this stage, it looked as though attack would be good, no difficulties. | |
| 21st Nov. | Halifax III "X" 122-815 | (Captain) J28847 F/O T.J. Kelly | Bombing | 15:48 | 22:06 | Clear, visibility good. Target identified by red T.I. Bombed at 19:03 hours from 17,000 feet, heading 154, speed 165 m.p.h. Concentration of red T.I. seemed to be right on A/P. Bombing good on markers. Explosion seen as A/C left target. Rather early to assess raid, seemed to be very good, T.I.'s were excellent and well placed, A/C concentrated. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|------------|--|--|-----------|-------|-------|--|------------------------------|
| | | | | Up | Down | | |
| 21st Nov. | Halifax III "Y" NZ-910 | (Captain) J89420 P/O R.F. Saunders | Bombing | 15:51 | 21:53 | Slight haze, visibility good. Target identified visually by red T.I.'s cascading. Bombed at 19:05 hours from 18,000 feet, heading 158 degrees, speed 160 m.p.h., on concentration of red T.I.'s. Gee fix on run up - target verified by canal to N.W. Greens and reds well mixed. Great explosion emitting red flames as bombs dropped. Good concentration of bombing, A/P well parked. Effective trip. | |
| 21st Nov. | Halifax III "A" NR-227 (42) Sqn. A/C | (Captain) G20293 P/L R.W. Patterson | Bombing | 16:25 | 22:12 | Clear, visibility good. Target identified by red and green T.I.'s and fires. Bombed at 19:09.9 hours from 18,000 feet, heading 160, speed 163 m.p.h., on red T.I. concentration. Marking concentrated around the aiming point, a few reds and green scattered. Bombing good around the T.I.'s, couple of large explosions on run up. 1 x 500 lbs. hung up and brought back. A good effort, concentration of A/C seemed to be good and good raid should result. | |
| 22/25 Nov. | Halifax III | Target, "KATTEGAT" | (Yewtree) | | | | Appendix "I" Battle Order |
| 23/25 Nov. | Halifax III "H" NZ-909 | (Captain) J28418 P/O G.L.D. O'Grady | Gardening | 01:14 | 08:07 | 10/40ths cloud, tops 14,000 feet, visibility good. A/C gardened at a position 572N 1037.30E, dropping 1 x G718, 1 x F634/19G, and 2 x F638/22, at 01:48.2 hours from 14,000 feet, track 196, speed 180 m.p.h. A very quiet trip. Diverted to Kinsale. | No. 192 attached |

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1-1074-5511) WL 4889-0121 708 413 T.S. 708
1-1074-5511) WL 4889-0121 708 414 T.S. 708

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|-------------------------------------|---------|-------|-------|--|---|
| | | | | UP | DOWN | | |
| 27th Nov. | Halifax III | Target, all A/C:- "NEUSS" | | | | Bomb load for each following A/C:- 1 x 2000 lbs. & 1080 x 4 lb. I.B. 10% I.B. "X" Type. | (Appendix "J", Battle Order No. 194, attached) |
| 27th Nov. | Halifax III "A" NR-120 | (Captain) J19626 P/O J.L. Eger | Bombing | 16:50 | 22:18 | 6/10ths strata cu., visibility good. Target identified by red and green T.I. and green flares with yellow stars. Bombed at 20:33 hours from 47,000 feet, heading 091T, speed 165 m.p.h., on centre of fires. At time of bombing T.I. were burnt out, many fires where T.I. had burnt out. One very large explosion at 20:30 hours, illuminating cloud base for one minute. Diverted to Old Buckenham. No congestion, should be very successful raid. Late on target on account of wrong wind. Combat with an unidentified S/E E/A. Some hits scored on E/A but no damage to bomber or crew. | |
| 27th Nov. | Halifax III "B" LV-967 | (Captain) J17446 P/O W.H. Miller | Bombing | 16:48 | 22:35 | 3/10ths cloud, tops 6 - 8,000 feet, thin, visibility good. Target identified visually and checked by markers. Bombed at 20:31.4 hours from 18,000 feet, heading 082T, speed 175 m.p.h., on centre of fires and bomb bursts checked visually on streets seen in illuminated target. Flares down earlier than bombing, not seen at time of bombing. T/A covered with incendiary fires, several large explosions lit up sky. Other bombing seemed on A/P. Jettisoned 180 x 4 lb. I.B., 514:21 0153Z, 21:50 hours, 7,000 feet, hung up over target. Diverted to Old Buckenham. Good attack, many fires and bombing in T/A. Stream concentrated to target and only slightly spread on way out, no difficulties. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--|---------|-------|-------|---|------------|
| | | | | UP | DOWN | | |
| 27th Nov. | Halifax III "E" ME-818 | (Captain) 225839 P/O A.P. Heathcote | Bombing | 16:57 | 22:24 | 6/10ths broken cloud, visibility good. Target identified by green flares and yellow stars. Bombed at 20:29.4 hours from 17,000 feet, heading 082T, speed 167 m.p.h., on centre of Wanganui. At time of bombing flares were getting scattered, many fires seen on ground. Diverted to Old Buckenham. No congestion, should be successful if PFF accurate. | |
| 27th Nov. | Halifax III "P" ME-872 | (Captain) 206568 P/O H.C. Solomoe | Bombing | 16:46 | 22:33 | 10/10ths cloud, tops 5,000 feet, visibility O.K. Target identified by green flares and yellow stars. Bombed at 20:33.5 hours from 18,000 feet, heading 082, speed 160 m.p.h., on concentration of green flares. PFF good and both marking good, large fires burning and bombs bursting in the marked area. Several large explosions seen. 50 x 4 lb. I.B. hung up and brought back. Diverted to Old Buckenham. Should be a fairly successful raid. Would have been excellent if Met. winds had been successful. Concentration less. | |
| 27th Nov. | Halifax III "M" ME-419 | (Captain) 244349 P/L W.H. Cook | Bombing | 17:04 | 22:43 | 9/10ths strata cu., tops 6 - 8,000 feet, visibility good. Target identified by green flares with yellow stars. Bombed at 20:30.1 hours from 17,000 feet, heading 079 degrees, speed 180 m.p.h., on concentration of green flares and yellow stars. Green flares well concentrated, one large explosion seen at 20:30 hours, lasting about 30/40 seconds. 50 x 4 lb. I.B. hung up and brought back. Diverted to Old Buckenham. Looked pretty good, belt of fires in oval shape east to west in T/A. No difficulty encountered. | |

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(1276-521) WL 4222-114; 704 844 T.A. 700
(1379-521) WL 4267-114; 1204 714 T.A. 700

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 27th Nov. | Halifax III | | | | | Bomb load for each following A/C:- 2 x 1000 lbs. & 1080 x 4 lb. I.B. 10% I.B. "X" Type. | |
| 27th Nov. | Halifax III "C" ME-807 | (Captain) J25885 P/L D.P. McGrath | Bombing | 16:51 | 22:19 | Heavy, 9/10ths strata cu., broken over target. Target identified by red T.I.'s. Bombed at 20:30.5 hours from 19,000 feet, heading 024, speed 175 m.p.h., visually on reds and fires. A/C ran up on sky markers but changed to visual as breaks in cloud permitted this. Target well ablaze and bombing good. Two large explosions on run up and several later. Diverted to Old Buckenham. Met. boomed on winds badly. Frang should be very good as target was well ablaze. Met. was only difficulty encountered. | |
| 27th Nov. | Halifax III "J" ME-905 | (Captain) J46120 P/O N.D. Mara | Bombing | 17:00 | 22:17 | 10/10ths cloud, tops 6,000 feet, visibility very good. Target identified by red T.I. and green sky flares, Gee check. Bombed at 20:31.5 hours from 19,000 feet, heading 081, speed 170 m.p.h., on centre of fires checked by sky markers. Only two Wanganui flares seen. Ground marking out when A/C arrived. Rear Gunner observed about nine separate fires when A/C left target and several large explosions. One explosion about 20:30 hours lasting for 20 seconds. Many incendiary fires in T/A. 60 x 4 lb. I.B. hung up and brought back. Diverted to Old Buckenham. Believed to be quite a good attack, many fires could be seen in T/A when A/C was leaving. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|---------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 27th Nov. | Halifax III "V" NZ-464 | (Captain) J86755 P/O R.A. Forbes | Bombing | 17:05 | 22:29 | 7/10ths cloud, tops 4/5,000 feet, visibility good. Target identified by red T.I., sky markers and marshalling yards. Bombed at 20:31.4 hours from 18,000 feet, heading 070, speed 160 m.p.h., on cluster of red T.I. Sky markers went out before A/C could bomb through them. Red T.I. were cascading in centre of fires, the whole area was on fire covering most of the city. Several huge explosions came from fires in T/A. Diverted to Old Buckenham. A very good raid, high winds made timing impossible. | |
| 27th Nov. | Halifax III "Y" NZ-910 | (Captain) J89420 P/O R.F. Saunders | Bombing | 17:01 | 22:38 | 7/10ths thin cloud, tops at 6,000 feet, visibility good. Target identified visually from fires and explosions checked by Wanganui and Gee. Bombed at 20:32 hours from 6,000 feet, heading 062T, speed 160 m.p.h., centre of fires and edge and 3 - 4 groups of red T.I. T.I. down on time, seen on ground on bombing. Wanganui burnt out at time of bombing. Incendiary fires and large explosions seen in T/A. A few incendiaries short of target. Other bombing seemed well on A/P. 50 x 4 lb. I.B. hung up over target, jettisoned 514M 0225E, 21:50 hours, 6,000 feet, through opening in cloud. Diverted to Old Buckenham. Good attack with good concentration of bombing with several large explosions giving good red glow at time of bombing. Stream not concentrated due to wind change. Some congestion over England. No difficulties. | |

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17126-2811 Wt 2880-212 104 164 7.5 700
171270-2811 Wt 4400-282 1208 164 7.5 700

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--|----------------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 27th Nov. | Halifax III "C" NP-936 | (Captain) 227716 P/O R.F. Bertram | Bombing | 16:49 | 22:21 | 10/10ths very thin cloud, tops 5/6,000 feet, visibility good. Target identified by red T.I. and green Wanganui fires checked by Gen. Bombed at 20:30.8 hours from 18,000 feet, heading 083, speed 175 m.p.h., on centre of flares in centre of burning area. Green sky markers were not good enough to bomb on. Huge explosion seen at 20:26 hours. A huge red glow could be seen through the thin cloud. Observed a large explosion in Mmohan Gladbeck area seen on run in to target. Photo flash jettisoned, safe, 5125N 0215E, 7,000 feet, 21:44 hours. 60 x 4 lb. I.B. hung up and brought back. Diverted to Old Buckenham. Huge fires indicated a successful attack, high winds three A/C off on its timing. | |
| 27th Nov. | Halifax III "S" NP-883 | (Captain) 119246 S/L E.B. Van Slyke | Bombing DEC | 17:09 | 22:03 | 2/10ths cloud, tops 1/4,000 feet, visibility good. Target identified visually, explosions, incendiary fires, checked with H28. Bombed at 20:32.5 hours from 19,000 feet heading 082T, speed 155 m.p.h., on centre of concentrated fires and explosions. Markers not seen in T/A, seemed to be sidely scattered in high wind. Dummy markers seen in area. One very large explosion in T/A at about 20:31 hours, mushroomed for some time, penetrating bottom cloud. Second explosion on run out of target. Diverted to Old Buckenham. Very good attack, some congestion over England, wind change made T.O.T. a little late. Very nice stream and leading over target. No difficulties. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|---------------------------------------|---------|-------|-------|---|------------|
| | | | | Up | Down | | |
| 27th Nov. | Halifax III "R" NR-136 | (Captain) J27868 F/O S.V. McKellar | Bombing | 16:56 | 22:23 | 7/10ths alto strata, visibility good. Target identified by green flares and yellow stars. Bombed at 20:29.2 hours from 17,000 feet, heading 082T, speed 170 m.p.h., on centre of green flares and yellow stars. Wanganui well concentrated. One large explosion at 20:28 hours, also at 20:40 hours, both with large billows and flames rising into sky. Diverted to Old Buckenham. Late on target on account of winds. Should be very successful raid. | |
| 27th Nov. | Halifax III "G" LW-122 | (Captain) J27738 F/O R.A. Russell | Bombing | 17:03 | 22:34 | 4/10ths cloud, tops 5,000 feet, visibility good. Target identified by green T.I. Bombed at 20:29.5 hours from 19,000 feet, heading 090T, speed 155 m.p.h., on centre of green T.I. Green T.I. well concentrated, many fires around T.I's. Three large explosions at 20:27, 20:28 and 20:29 hours, illuminating target for 5/10 seconds. Diverted to Old Buckenham. No congestion, good raid, slightly scattered. | |
| 27th Nov. | Halifax III "X" ME-815 | (Captain) J28647 F/O T.J. Kelly | Bombing | 16:58 | 22:28 | 8/10ths strata cu., tops 4,000 feet, visibility O.K. Target identified by both flares and red T.I. Bombed at 20:34 hours from 17,000 feet, heading 062, speed 185 m.p.h., on fires. T.I's were out as A/C was over target, but good visual was had on fires. Target was blazing well, fires all over area. Diverted to Old Buckenham. Looked like a good effort. Navigation winds were duff so A/C was late on target. No difficulty encountered. | |

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(11791-2511) W/L 4889-2121 700 8143 T.S. 700
(11792-2511) W/L 4889-3381 1204 1144 T.S. 700

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|-------------------------------------|---------|-------|-------|--|--------------------------------------|
| | | | | Up | Down | | |
| 30th Nov. | Halifax III | Target, all A/C:- "DUISBURG" | | | | Bomb load, each A/C:- 16 x 500 lbs. | (Appendix "K") |
| 30th Nov. | Halifax III "A" NR-120 | (Captain) J19626 E/O J.L. Egger | Bombing | 16:44 | 23:31 | 10/10ths stratus, tops 5 - 6,000 feet, bright moon visibility excellent. Target identified by red T.I's, cascading red and yellow Wanganui. Bombed at 20:09.8 hours from 19,000 feet, heading 078, speed 155 m.p.h., on two clusters red and yellow Wanganui, dead on track aimed at centre. Headed to target on Gee. Nothing but sky mark- ing and odd flak burst. Red glow about one mile to port on run up to target. Excellent concentration of A/C in bomber stream, marking sufficient and well grouped but heavy cloud obscured target. Several of our A/C firing colours of the day between French and English coast on homeward trip. | Battle Order No. 195, attached |
| 30th Nov. | Halifax III "B" LV-967 | (Captain) J17146 S/L W.H. Miller | Bombing | 16:43 | 23:13 | 10/10ths strata cu., tops 6-8,000 feet, visibility good. Target identified by red flares checked by Gee. Bombed at 20:09.3 hours from 18,000 feet, heading 072 degrees, speed 155 m.p.h., slightly to starboard of con- centration of red flares. Markers seem to have been rather scattered and bombs slightly to starboard of a string of flares. A series of explosions seen at 20:11 hours. No assessment. Seemed like a good effort, concentration very good, route and tactics O.K. | |

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(11284-5511) WL 2222-112; 70W 214; T.S. 700
(11289-5511) WL 2222-112; 120W 114; T.S. 700

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|-------------------------------------|---------|-------|-------|---|---------------------------------------|
| | | | | Up | Down | | |
| 30th Nov. | Halifax III | Target, all A/C:- "DUISBURG" | | | | Bomb load, each A/C:- 16 x 500 lbs. | (Appendix "K" |
| 30th Nov. | Halifax III "A" NB-120 | (Captain) J19626 P/O J.L. Egger | Bombing | 16:44 | 23:31 | 10/10ths stratus, tops 5 - 6,000 feet, bright moon visibility excellent. Target identified by red F.I.'s, cascading red and yellow Wanganui. Bombed at 20:09.8 hours from 19,000 feet, heading 078, speed 155 m.p.h. on two clusters red and yellow Wanganui, dead on track aimed at centre. Missed to target on Gee. Nothing but sky mark- ing and odd flak burst. Red glow about one mile to port on run up to target. Excellent concentration of A/C in bomber stream, marking sufficient and well grouped but heavy cloud obscured target. Several of our A/C firing colours of the day between French and English coast on homeward trip. | Battle Order No. 195, attached) |
| 30th Nov. | Halifax III "B" LV-967 | (Captain) J17146 P/L W.H. Miller | Bombing | 16:45 | 23:13 | 10/10ths strata cu., tops 6-8,000 feet, visibility good. Target identified by red flares checked by Gee. Bombed at 20:09.3 hours from 18,000 feet, heading 072 degrees, speed 155 m.p.h., slightly to starboard of con- centration of red flares. Markers seem to have been rather scattered and bombs slightly to starboard of a string of flares. A series of explosions seen at 20:11 hours. No assessment. Seemed like a good effort, concentration very good, route and tactics O.K. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--|---------|-------|-------|--|------------|
| | | | | UP | DOWN | | |
| 30th Nov. | Halifax III "C" MZ-807 | (Captain) J29592 S/L W.C. Pierce | Bombing | 16:45 | 23:21 | 10/10ths cloud, 5,000 feet, visibility good. Target identified by red flares with yellow and Gee fixes. Bombed at 20:10 hours from 17,000 feet, heading 082, speed 160 m.p.h., on centre of about 12 red flares with yellow stars. Some red T.I. seem to be dropped but disappeared through cloud. Sky marking was very good when bombing target. Fairly large faint red glow could be seen through cloud. A very quiet trip. | |
| 30th Nov. | Halifax III "E" MZ-818 | (Captain) J25839 F/O A.P. Heathcote | Bombing | 16:49 | 23:10 | 10/10ths strata cu., visibility good. Target identified by red flares, yellow stars, checked by Gee. Bombed at 20:09.5 hours from 17,000 feet, heading 078, speed 165 m.p.h., on concentration of red and yellow stars. Flares were very good and well bombed, overhot two reds and bombed on good concentration. Quite a few very bright flashes seen on ground. Cloud was well lit up over target. Should be a good effort, concentration of A/C excellent, route and tactics O.K. | |
| 30th Nov. | Halifax III "E" MZ-872 | (Captain) J86368 F/O H.G. Solomon | Bombing | 16:48 | 22:52 | 10/10ths cloud, tops 6,000 feet. Target identified by red flare with yellow stars and Gee homing. Bombed at 20:10.2 hours from 19,000 feet, heading 078, speed 160 m.p.h., on centre of 12 red sky marking flares. Excellent sky marking, bomb bursts seen through cloud and well concentrated. Good concentration at target and heading very good of most A/C. Rear Gunner could see reflection of fires on cloud and explosions seen after markers went out. | |

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OPERATIONS RECORD BOOK

APPENDIX _____

R.A.F.
FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 433 (R.C.A.F.) Squadron

SECRET

PAGE No. 26

(1128-2511) Wt. 2220-224. For 843 ZS 700
(11290-2511) Wt. 2220-224. For 114 ZS 700

FOR THE MONTH OF November, 1944

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|---------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 30th Nov. | Halifax III "H" ME-909 | (Captain) J2618 P/O G.L.D. O'Grady | Bombing | 16:53 | 23:11 | 10/10ths strata cu., tops 8 - 10,000 feet, visibility good. Target identified by red and yellow stars checked by Gee. Bombed at 20:09.3 hours from 18,000 feet, heading 078, speed 160 m.p.h., on red flares. Flares were good and bombed on good concentration, bomb flashes seemed well concentrated below. Not possible to make observation due to cloud. Jettisoned 1 x 500 lb., 5150N 0230E, 21:35 hours, 8,000 feet, live. If markers were good raid should be O.K. Good concentration all the way, tactics and route O.K. | |
| 30th Nov. | Halifax III "J" ME-905 | (Captain) J1643 W/O G.A. Tambling | Bombing | 16:46 | 23:30 | 10/10ths strata cu., tops 10-12,000 feet, visibility good. Target identified by red flares checked by Gee. Bombed at 20:09.4 hours from 17,000 feet, heading 078 degrees, speed 160 m.p.h., on concentration of flares. Flares were good and bombing seemed on them. No assessment due to cloud. Jettisoned 1 x 500 lb., safe, 5150N 0230E, 7,000 feet, 21:47 hours. If flares were good should be a successful effort. Tactics very good, no trouble encountered. | |
| 30th Nov. | Halifax III "L" ME-425 | (Captain) J11319 P/L W.H. Cook | Bombing | 16:50 | 23:23 | 10/10ths cloud, tops 6-8,000 feet, clear above. Target identified by sky markers checked by bombing on Gee. Bombed at 20:08.7 hours from 19,000 feet, heading 078T, speed 170 m.p.h., on centre of 3 sets of markers. Markers were scattered but seemed over A/P. No conflict with other A/P. Slight glow seen through cloud only. Seemed like a concentrated attack, stream good to target, no congestion. No difficulties except rear turret went U/S. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|--------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 30th Nov. | Halifax III "Q" ME-417 | (Captain) J16120 P/O H.D. Mars | Bombing | 17:08 | 23:16 | 10/10ths strata cu., tops 7-8,000 feet, visibility good. Target identified by red flares checked by Gee. Bombed at 20:09.9 hours from 18,000 feet, heading 073, speed 160 m.p.h., on cluster of three reds. Marking appeared good, none scattered, only glow seen on cloud and flashes, no explosions. Cloud prevented assessment. 1 x 500 lb. hung up and brought back. Best concentration of A/C seen, raid should be successful if marking accurate. No trouble, good route. | |
| 30th Nov. | Halifax III "N" ME-857 | (Captain) J27716 P/O R.F. Bertram | Bombing | 16:42 | 23:18 | 10/10ths cloud, tops 10-12,000 feet, visibility above excellent. Target identified by sky markers checked on Gee heading. Bombed at 20:08.9 hours from 17,000 feet, heading 076, speed 160 m.p.h., on centre of three Wanganui. Markers well grouped, both A/P seen marked for run up at about 20:00 hrs. at 35 miles. Nothing seen below cloud as glow or fires. Not too successful on attack because nothing seen of effects of attack. Stream good to target but seemed to be some confusion over target with A/C going 90 degrees to bombing heading. No difficulties. | |
| 30th Nov. | Halifax III "O" NP-936 | (Captain) J89320 P/O W.T. Jensen | Bombing | 16:41 | 23:26 | 10/10ths cloud, 5-6,000 feet, visibility good. Target identified by red flares and yellow stars. Bombed at 20:10.4 hours from 19,200 feet, heading 072, speed 158 m.p.h., dead on two clusters on track. Red flares to port on other target. Sky marking plentiful and well timed. Bill red glow seen through clouds on leaving target. D.R. 10 miles from target. PFF marking accurate, target well lit. | |

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R.A.F.
FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 433 (R.C.A.F.) Squadron

SECRET

PAGE No. 27

(11751-5511) WL 2222-1124 FORM 8/43 T.S. 789
(*1379-5511) WL 2222-1124 FORM 1/44 T.S. 789

FOR THE MONTH OF November, 1944

| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|---------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 30th Nov. | Halifax III "P" NR-937 | (Captain) J27868 P/O S.V. McKellar | Bombing | 16:47 | 23:28 | 10/10ths cloud, tops 7-8,000 feet, visibility very good. Target identified by red flares and yellow stars. Bombed at 20:15.5 hours from 18,000 feet, heading 074, speed 170 m.p.h., on E.T.A. and Gee. No flares visible when A/C bombed, they went out about 20 seconds before. Marking, when seen, was quite well concentrated, only a small red glow through cloud. Very faint in two small areas. A/C was laid on target and no markers were seen when it bombed. | |
| 30th Nov. | Halifax III "R" NR-136 | (Captain) J6681 P/L L.D. Allatt | Bombing | 16:36 | 23:25 | 10/10ths cloud, visibility good. Target identified by red flares and yellow stars, Gee and A.P.I. check. Bombed at 20:09.8 hours from 17,500 feet, heading 078T, speed 160 m.p.h., on centre of two red flares. One large explosion at 20:21 hours, illuminating target for 3/5 seconds. Good concentration of A/C. | |
| 30th Nov. | Halifax III "S" NR-883 | (Captain) J27785 P/O R.A. Russell | Bombing | 16:35 | 22:37 | 10/10ths strata cu., tops 5,000 feet, visibility good. Target identified by red flares and yellow stars. Bombed at 20:09.5 hours from 19,000 feet, heading 071T, speed 155 m.p.h., on centre of red flares and yellow stars. Flares fairly well concentrated. Two large explosions at 20:08.5 hours. Bombing concentrated on flares. Slight congestion, hard to assess on amount of clouds. | |

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| DATE | AIRCRAFT TYPE & NUMBER | CREW | DUTY | TIME | | DETAILS OF SORTIE OR FLIGHT | REFERENCES |
|-----------|---------------------------|---------------------------------------|---------|-------|-------|--|------------|
| | | | | Up | Down | | |
| 30th Nov. | Halifax III "W" NR-135 | (Captain) J7344 E/L E.E. Barsby | Bombing | 16:37 | 23:05 | 10/10ths cloud, 5,000 feet, ceiling and visibility un- limited. Target identified by yellow stars in red flares. A/C did not bomb owing to technical difficulties, fuses out of fuse panel in bombing circuit. All bombs brought back. Bomber stream over target good and most A/C on correct headings. | |
| 30th Nov. | Halifax III "V" NZ-464 | (Captain) J86735 P/O R.A. Forbes | Bombing | 16:51 | 23:22 | 10/10ths thick cloud, tops 4-5,000 feet, visibility good. Target identified by red T.I.'s and red flares with yellow stars. Bombed at 20:09.1 hours from 17,000 feet, heading 072, speed 160 m.p.h., midway between two clusters of red and yellow Wanganui. Gee fix, nothing visible over 3/A but Wanganui. Difficult to assess, good concentration of A/C in stream, Wanganui well concentrated. | |
| 30th Nov. | Halifax III "X" NZ-815 | (Captain) J28647 P/O T.J. Kelly | Bombing | 16:35 | 23:35 | 10/10ths cloud, visibility good. Target identified by red flares and yellow stars. Bombed at 20:09.2 hours from 19,000 feet, heading 078, speed 160 m.p.h., on centre of red flares. Three red flares in a triangle well con- centrated, two large explosions at 20:06 hours. Jettison- ed 1 x 500 lb., safe, 5400N 010GE, 22:42 hours, 6,000 feet. No congestion, hard to observe result on account of 10/10ths cloud. | |
| 30th Nov. | Halifax III "Y" NZ-910 | (Captain) J89420 P/O R.F. Saunders | Bombing | 16:40 | 23:09 | 10/10ths cloud, visibility good. Target identified by red flares and yellow stars. Bombed at 20:10.6 hours from 18,000 feet, heading 072, speed 160 m.p.h., on centre of red flares. First set of flares shot out of sky by flak but PFF kept on marking accurately. No congestion, and good glow under cloud base, seen 35 miles away. Large explosion at 20:21 hours. | |

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