OPERATIONS RECORD BOOK

APPENDIX A47-20-405

SECRET

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 405 R.C.A.F. Squadron (R.C.A.F.).

FOR THE MONTH OF January, 1945.

PAGE No. One

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 2, 1945.	Lancaster III					Bombing Attack On " NURNBURG " 16 A/C Detailed (Night)	A-1
	'X' PB 229	J.28709 F/O Sparling L.G., J.36317 F/O Allan J., J.35536 F/O Splatt L.W. R.194740 F/S Scott N.L.W., R.214565 F/S Brown D.H., R.208433 F/S Veri D., R.166920 F/S Quinn R.A.	Bomboad:- 10 x No. 3 CP Flares B, 4 x 1,000 ANM 65 TD .025.	1548	2221	" X " BLIND ILLUMINATOR:- Clear, with some stratus cloud at 19,000 feet. Bombed at 1923:06 hours from 18,000 feet by H2S. Early when 12 miles from target. Very good H2S image and visually identified. All bombing was in centre of town. River seen and railway seen and whole town also. Clearest target yet seen by crew and an excellent attack. One "cookie" on town before own bombing at 1923:06 hours. Aircraft returned to base.	
	'H' PB 513	J.27719 F/O Kyte M.S., C.3681 F/L W. Irvin, J.29669 F/O Fallon F.C., J.87445 F/O Welch J.L., J.87810 F/O Hubley B.F., J.87870 F/O Campbell W., RAF/1891456 SGT King W.A.,	Bomboad:- (Same as 'X').	1601	2217	" H " BLIND ILLUMINATOR:- Clear visibility. Bombed at 1920:54 hours from 18,000 feet by H2S. Good returns on H2S. Nothing down on arrival. Dropped own flares and immediately saw town, streets and built up area. On leaving, saw Green and Red T.I.s cascading. Attack appeared to open up well. Whole streets seen on fire. Aircraft returned to base.	
	'D' PA 965	J.29080 F/O Cormier P.J., J.36833 F/O Steer R.E., R.148333 F/S Allan W., J.88588 F/O Brearley J.E., R.198884 F/S Gray J.G., R.178879 W/O Stroich K., RAF/1895640 SGT Kanka S.E.,	Bomboad:- (Same as 'X').	1551	2230	" D " BLIND ILLUMINATOR:- Clear visibility. Bombed at 1925:36 hours from 18,500 feet on North part of Town. H2S u/s. On run in, saw two rows of illumination flares. Identified railway crossed by main road on North-West part of town. Dropped own flares. No T.I.s seen. Too early to observe results. Aircraft returned to base.	
	'O' PB 233	J.86652 F/O McIntyre H.B., J.35749 F/O Mahler L.H., R.158075 W/O A.L.J. St. Pierre, J.92566 F/O Stone T.A., RAF/653002 W/O Price W., R.147033 F/S Bisley A.M., RAF/2211605 F/S Hilton E.,	Bomboad:- (Same as 'X').	1550	2238	" O " BLIND ILLUMINATOR- Clear visibility. Bombed at 1922:24 hours from 18,000 feet by H2S. Good image on H2S of whole town. As our first flare burst, other flares started falling. They illuminated town and lots of ground detail seen, almost like daylight. Green T.I.s cascaded, at 1924.8 hours. Red/Green T.I.s cascaded at 1927 hours. Red T.I. appeared to fall on North part of town at 1930 hours. Very large explosion North-West part of town which illuminated whole sky at 1940 hours. Aircraft landed base.	
	'K' MZ 315	C.983 G/C W.F.M. Newson DFC & BAR, J.28702 F/O Cope J.L., RAF/127850 F/L C.A. Martin DSO, DFC, AUS/403405 F/L Giblin D. W.T. DFC, R.202642 F/S A.L. Ririe, AUS/421092 S/L L.L. McLeod DFC	Bomboad:- 1 x 4,000 HC Minol M/L, 1 x No. 1 CP Red/Green Cap. 6, 4 x 1,000 ANM 65 TD .025, 1 x 500 MC TD .025.	1606	2243	" K " BLIND SKY MARKER:- Clear visibility. Bombed at 1933:06 hours from 18,000 feet by H2S. At 1925 hours, Green T.I.s fell South of target 3 miles. At 1926 hours, Red/Green T.I. salvo and at 1927 hours Red/Green T.I. believed slight undershoot. Marking appeared fairly concentrated. 1 x No. 1 CP Red/Green Cap. 6, brought back, not required. Aircraft landed base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan. 2, 1945.	Lancaster III					Bombing Attack On " NURNBURG " (Continued)	A-1
	'M' PB 402	J.88878 F/O W.G. Forsberg DFC, J.21185 F/O Mertz A.H., RAF/183198 F/O King D.E., RAF/158800 F/O R.J. Hannaford, R.164509 F/S MacKinnon A., RAF/170579 F/O Heehes I.L.C., RAF/1583461 F/S T.H.J. Meadows DFM Bombload:- (Same as 'K').		1558	2244	" M " BLIND SKY MARKER:- Clear visibility. Bombed at 1938:18 hours from 18,000 feet as instructed by Master Bomber "Centre of Red T.L.s". On run up, town was obscured by smoke but ground detail seen in Northern and Western suburbs. Green T.L. cascaded at 1925 hours. At 1926 hours, Master Bomber said "Bomb cascading "Green T.L.". At 1927, "Bomb Red/Green T.L.s". At 1928 hours, "Bomb centre of Reds". At 1928.5, Red T.L. cascaded. At 1929 hours, "Undershoot centre of Red T.L.s". At 1931, "Bomb cascading Reds". We did so. Attack was very good. Big explosion seen just North of Marshalling Yards. 1 x No. 1 CP Red/Green Cap. 6 brought back, not needed. Aircraft landed base.	
	'E' PA 982	J.27859 F/L Friedman L.A., J.28216 F/O Robertson J.D., J.90218 F/O S.D. Smith, R.186182 F/S Benton L.D., J.18859 F/O Dill R., RAF/1586104 W/O Proctor S.J. DFM, RAF/1880196 F/S P. Preece. Bombload:- (Same as 'K').		1602	2246	" E " BLIND SKY MARKER:- Clear with good visibility. Bombed at 1944:42 hours from 18,000 feet on centre of Red T.L.s glow on smoke. When we arrived, marking was good and well concentrated. Many fires observed. Bombing fairly concentrated. Smoke obscured most of the target. One huge explosion at 1940 hours with yellow flame with smoke billowing up through rest of smoke. 1 x No. 1 CP Red/Green Cap. 6 brought back owing to target well marked. "Y" u/s. Aircraft returned to base.	
	'A' PB 682	J.19726 F/L McDonald J.W., J.14669 F/L House K.G., J.27588 F/O Whetter R.J.C., J.92432 F/O Lea C.N., R.173351 F/S Egan J.C., J.22104 F/O Crowe C.N. RAF/2201790 SGT Burgess J. Bombload:- (Same as 'K').		1555	2235	" A " BLIND SKY MARKER:- Perfectly clear visibility. Bombed at 1931:48 hours from 18,500 feet by H2S. Good returns on H2S and did "Y" run for practice and retained Wanganui Flares. Illuminator Flares seen from good distance. At 1925 hours, Green T.L.s cascaded followed by Red/Greens. Consider Red/Green fell near river on North part of town and later more Red/Green fell on centre of town. Bombing was good and a few good explosions and incendiary fires seen. Streets in centre of town plainly seen burning. 1 x No. 1 CP. Cap. 6 brought back not required. Aircraft landed base.	
	'T' PB 516	J.19654 F/L G.W. Webb DFC, J.23470 F/O Painter V.F., J.89722 F/O Young C. R.169371 W/O Bova G., J.86847 F/O R. Dale, R.208615 F/S Scarffe C.E., RAF/1876410 SGT Whitehouse J.B., Bombload:- 2 x 250 Green T.L. 'C', 2 x 250 Green T.L. (L.B.) 'C', 1 x 4,000 HC Minol N/I, 4 x 1,000 ANM 65 TD .025.		1553	2234	" T " BLIND MARKER:- Clear with good visibility. Bombed at 1928:06 hours from 18,000 feet, visually on Green/Red T.L.s. At 1915 hours, Master Bomber called up Deputy M.B. H2S u/s. Illuminator flares down lighting up whole of town which was visually identified. One set of Red/Green T.L.s downlying North end of town. Green T.L.s down appeared to be in centre of town. Marshalling Yard clearly seen. After bombing, heard Master Bomber say "Overshoot Red/Green T.L.s". Second lot of Red/Green fell and Master Bomber said "Undershoot Red/Green"., then "Bomb cascading Reds". Town burning well on leaving. Four Green T.L.s brought back owing to H2S u/s. Aircraft landed base.	
	'B' PB 477	RAF/82728 W/C K.J. Lawson DSO, DFC, AUS/410475 F/O Fitzhenry S.H., J.12954 S/L Crawford N., RAF/118147 F/L E.C. Duke DFM, J.19058 F/O G.E. Geeves G. R.108467 W/O Plyley D., RAF/1680670 SGT Rhodes S.		1554	MISSING	" B " BLIND MARKER:- This aircraft failed to return from this operation and nothing has been heard from any member of the crew since time of take-off. This was W/C Lawson's 93rd bombing mission. Bombload:- (Same as 'T').	

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OPERATIONS RECORD BOOK

APPENDIX ..... A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

BY No. 405 (R.C.A.F.) Squadron (P.F.F.).

SECRET

PAGE No. Three

FOR THE MONTH OF January, 1945.

*15323—9311) Wt. 28722—2136 75M 10/44 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 2, 1945.	Lancaster III					Bombing Attack On " NURNBURG " (Continued)	A-1
	'V' PB 653	J.10122 F/L Vann G.C.J., J.20708 F/L Spencler R.A., J.28237 F/O Gouchey H. RAF/170984 F/O Bevan B., J.86844 P/O R.J. Burton DFM, R.220282 F/S Robinson C.M., RAF/1895963 F/S Church J., J.18194 F/O Walter L.J. Bombload:- 4 x 500 GP TD .025, 1 x 1,000 Red T.I. 896 A/4, 1 x 1,000 Green T.I. 896 A/4, 2 x 1,000 Red T.I. (LB) 896 A/4, 2 x 1,000 Green T.I. (LB) 896 A/4.		1604	2219	" V " PRIMARY VISUAL MARKER:- Clear visibility. Bombed at 1926:18 hours from 18,000 feet on Aiming Point. Railways and river identified, and street pattern and Red/Green T.I.s slightly undershooting. Arriving, triangle of railway identified and small Marshalling Yard and larger Marshalling Yard to South of town. Ran in on railway and crossed the river. Snow seen around town. First salvo undershot to South of river 400 yards from Aiming Point. Only orders Master Bomber gave "Bomb Red and Green T.I.s" at 1929 hours approximately. From view on way out, bombing appeared to be undershooting T.I.s but still on town. At 1940 hours, big explosion at target with bright red and with black smoke. Aircraft landed base.	
	'G' PB 451	J.13468 F/L Ellison T., J.24697 F/L Charley W.A., J.26648 F/O McKinnon D. RAF/187245 P/O Henderson R.G., J.92666 P/O Stowe R.S., J.92665 P/O Stevens F. RAF/1825274 SGT McFall A. Bombload:- (Same as 'T').		1556	2224	" G " BLIND MARKER:- Clear with no cloud. Good image on H2S and visually identified river and T.I.s Red/Green on Aiming Point. Bombed at 1929 hours from 18,000 feet by H2S with good image. At target, first flares at 1921 hours. First T.I.s approximately on time between 1925 and 1926 hours. At 1924 hours, Green T.I. to South of Aiming Point. Retained own T.I.s as Red and Green T.I.s seen on Aiming Point (approximately). At 1940 hours, big explosion yellow/red, 3 to 4 seconds, and black smoke rose. Fires on target seen from Strasbourg on way home. Four Green T.I.s brought back, not required. Aircraft landed base.	
	'Y' PB 282	J.26095 F/L Whittall H.R., J.28913 F/L Fults J.C., J.28487 F/O McConnell W. J.92193 P/O Cox G.A., R.224492 F/S P. Roach, J.92664 P/O Spearing C.A., RAF/183093 P/O Willoughby D.H.C., J.17272 F/O Naylor W.K., DFC. Bombload:- (Same as 'T').		1600	2241	" Y " VISUAL CENTRER:- Clear visibility. Bombed at 1935 hours from 18,000 feet on red glow amid smoke at position of Red/Green T.I. seen cascading. Master Bomber heard at 1926:30 hours "Bomb Red/Green T.I.". At 1929 hours, "Bomb centre of Red". At 1929:12 hours, Master Bomber said "watch overshooting, undershoot centre of T.I.s". Repeated. Some built up area seen but could not identify where T.I.s were. "Cockies " were bursting among T.I.s. Four T.I. Red brought back owing to T.I.s obscured by smoke. Aircraft landed base.	
	'C' PB 183	J.16132 F/L Frederick M.O., J.16251 F/L Knights J.K. DFC, J.43026 F/O D. Olson, J.17036 F/O Amatt J., J.19042 P/O French R.A., J.86055 P/O Gordon F. C.85909 F/O Kaucharik J.A., J.18850 F/O Connolly E.W. Bombload:- (Same as 'T').		1557	2248	" C " VISUAL CENTRER:- Clear with smoke haze on ground. Bombed at 1936 hours from 18,000 feet on built-up area, as bombsight was u/s. Red T.I. fell at 1940 hours, on target in smoke. Aiming Point not identified owing to smoke. Built up area seen North of River. Gyro top u/s. Bombed built up area and retained T.I.s. Good fires burning seen when 100 miles away. Four T.I. Red brought back owing to bombsight u/s. Aircraft landed base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan. 2, 1945.	Lancaster III					Bombing Attack On " NURNBURG " (Continued)	A-1
	'W' PB 530	G.795 S/L Marcou H.F., AFC, RAF/163052	1559	2239		" W " VISUAL CENTRER:- Clear visibility. Bombed at 1930:30 hours from 18,000 feet on upwind edge of Red/Green T.I.s. At 1921 hours, Illuminator Flares dropped. Railway lines seen on run in, West of town; in light of Illuminator Flares saw built up area clearly and T.O.W. Camp S/E of town also Marshalling Yard and Autobahns. Red/Green T.I.s cascaded at 1925 and 1926 hours. 1938, Illuminator Flares undershot town by approximately 5 miles. At 1938 one Red T.I. (spoof reds) seen one mile North, ineffective. At 1929, Reds and Greens cascaded. At 1929:30, Reds down. At 1940, Reds down. Master Bomber said at 1928, "Bomb Red and Greens". At 1929:30 "Finkwick"; Think first lot of Red/Green were 1 to 200 yards overshoot of Aiming Point. Second lot 1 to 200 yards undershoot to right. Third lot appeared to be one mile undershoot. Saw own T.I.s fall on the Red/Green nearest the Aiming Point. 1 x 1,000 AMM 65 TD .025, hung up, so was jettisoned at 51.50 N. 02.20 E. at 2155 hours from 10,000 feet "safe". Aircraft landed base.	
		F/L Martin W.F., J.90339					
		F/O Faulkes P., J.19499					
		Bombload:- (Same as 'T').					
	'U' PB 650	J.2454 F/L Kettlewell T.W., J.25054	1552c	2252		" U " VISUAL CENTRER:- Clear at target. Bombed at 1927:54 hours from 19,000 feet on Red and Green salvo nearest A/P. First Reds and Greens approximately on time. One Green fell early. Streets could be seen and A/P identified. First Red/Green 6 to 800 yards slight undershoot to port W/S/W. Second salvo Red/Green T.I. almost on A/P. Third salvo Red/Green to South 900 yards. Bombing was in triangle of these three Red/Green T.I.s. At 1940, big explosion to W/S/W of town. A good raid. Aircraft landed base.	
		F/L Martin W.F., J.90339					
		F/O Faulkes P., J.19499					
		Bombload:- (Same as 'T').					
Jan. 5, 1945.						Bombing Attack On " ROYAN " 14 A/C Detailed. (Night)	A-2
	'U' PB 650	J.2454 F/L Kettlewell T.W., J.25054	0301	0821		" U " PRIMARY VISUAL MARKER:- Clear, with slight haze. Bombed at 0931:24 hours from 9,000 feet on Green T.I. on Master Bomber's orders. Target area identified but actual A/P not identified, but Reds accidentally released owing to not checking switches. Bombed Green T.I. on Master Bomber's orders. Red T.I.s fell on Reds on A/P. Bombing was good. 2 Red and 1 x 1,000 MC brought back owing to rubbers put on wrongly and not checked. Aircraft landed base.	
		F/L Martin W.F., J.90339					
		F/O Faulkes P., J.19499					
		Bombload:- 3 x 1,000 T.I. B.4 Reds, 1 x 1,000 T.I. B.24 Reds, 4 x 1,000 MC (M.II).					

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OPERATIONS RECORD BOOK

APPENDIX ..... A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

BY No. 405 (R.C.A.F.) Squadron (P.F.F.). **SECRET** PAGE NO. Five

(15383—9521) WT. 28729—9156 75M 10/44 T.S. 700 FOR THE MONTH OF January, 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 5, 1945.	Lancaster III					Bombing Attack On "ROYAN" (Continued)	A-2
	'V' PB 653	J.10122 F/L Vann G.G.J., J.20708 F/L Spencler R.A., J.28237 F/O Gouchey H. RAF/170984 F/O Bevan E., J.86844 F/O R.J. Burton, DFM, R.220282 F/S C.M. Robinson, RAF/1895963 F/S Church J., J.18194 F/O Walter L.J. Bombload:- (Same as 'U').		0302	0803	"V" PRIMARY VISUAL MARKER:- Hazy visibility. Bombed at 0526:36 hours from 8,000 feet on Aiming Point. Over target, details clear, but hazy from distance. Illuminator Flares were close along N/E coastline. Two Reds seen few yards S/E of Aiming Point, which fell on bombing run at 0526. Own fell on A/P or very near. Only one stick of bombs seen slightly to N/E of A/P. Master Bomber's orders were: 0527 "bomb red T.L.s"; 0528:12 "bomb red T.L.s". 0529 "bomb ~~redxtxkxxx~~ 200 yards starboard Red T.L.s and one second overshoot". At 0528 asked for more light reserve illuminators which fell along N/E coast line. Some fired from previous raid 500 yards from Red T.L.s. Two explosions seen at 0531 and 0542 hours, on way out, by rear gunner. Aircraft landed base.	
	'J' ME 304	C.1639 S/L Mussells C.H., RAF/188493 P/O Tempest E.L., RAF/188718 P/O P. Young, RAF/158120 F/O Woolams F.J., J.18414 F/O Hellstrom M.L., R.214700 F/S Marceau L.W., RAF/185421 P/O G. Ryan, RAF/154601 F/O Dooley J.P. Bombload:- 6 x 250 Green T.I., 1 x 4,000 HC Minol W/I, 6 x 500 ANM.64 TD .025, 2 x 500 MC TD .025, 2 x 500 GP TD .025.		0512	0812	"J" VISUAL CROSSER:- Clear, light cloud, base 8,000 feet. Bombed at 0532:18 hours from 8,000 feet on Master Bomber's instructions, on Red T.L.s 200 yards starboard with one second overshoot. At 0523 hours, first lot of Illuminator Flares fell. Visually identified coast line South of Aiming Point but Aiming Point was obscured by T.I. smoke. Saw Red T.L.s on ground and they cascaded at 0527 hours. Appeared to have undershot. Green T.L.s fell at 0530 to 0531 hours and they fell slightly to starboard and overshot slightly. Own Greens were amongst Green cluster and slightly to port. Marking was good and bombing seemed to be early as little seen on Greens. Aircraft landed base.	
	'K' ME 315	G.983 G/C W.F.M. Mewson, DFC & BAR, J.28702 F/O Cope J.L., RAF/127850 F/L Martin G.A., DSO, DFC, AUS/403405 F/L Giblin D.W.T., DFC, R.202642 F/S Ririe A.L., AUS/411091 S/L McLeod L. DFC, RAF/1867791 SGT Catlin R.H., J.17272 F/O Naylor W.K., DFC. Bombload:- (Same as 'J').		0511	0805	"K" VISUAL CROSSER:- Clear with slight haze. Bombed at 0530:58 hours from 8,000 feet, on Master Bomber's instructions "Starboard of Red T.L.s with one second overshoot". Illuminator flares at 0523 hours and Red T.L.s' fell at 0526 hours. At 0527, Master Bomber said "bomb Red T.L.s", and at 0527:28 hours, asked for more illumination flares and then repeated "Bomb red T.L.s" until 0529. After our Green T.L.s fell, Master Bomber said "Bomb Green T.L.s". Lots of bomb bursts seen between two groups of Red T.L.s on ground approximately 50 yards apart. Aircraft returned to base.	
	'A' PB 682	J.19726 F/L McDonald J.W., J.14669 F/L House K.G., J.27588 F/O Whetter R.J.C., J.92432 F/O Lea C.N., R.173351 F/S Egan J.C., J.22104 F/O Crowe C.N., RAF/2201790 SGT Burgess J. Bombload:- 10 x CP No. 3, 4 x 1,000 MC (Minol II) TD .025.		0306	0816	"A" BLIND ILLUMINATOR:- Clear visibility. 10 x CP No. 3 dropped at 0523:54 hours from 12,000 feet by H2S. 4 x 1,000 MC released at 0530:48 hours from 11,000 feet, 200 yards to starboard plus one second. Own flares fell immediately over target. Red T.Ls at 0526:24 hours near A/P while orbitting. Green at 0529:12 hours between two Reds seen from distance while orbitting. Second Green fell later. Good bombing. Master Bomber's first order "Bomb centre Red", then "overshoot Red", and later "Bomb Green". (over)	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References.
Jan. 5, 1945.	Lancaster III					Bombing Attack On " ROYAN " (Continued)	A-2
	'A' PB 682	F/L McDonald J.W. & Crew (Continued)				" A " BLIND ILLUMINATOR:- (Continued) At 0541:50 hours, orange explosion in target area after bombing finished, and came up through smoke of target. Aircraft landed base.	
	'E' PA 982	J.27859 F/L Friedman L.A., J.28216 F/O Robertson J.D., J.90218 F/O S.D. Smith, R.186182 F/S Benton L.D., J.18859 F/O Dill R., RAF/1586104 W/O Proctor S.J., RFM, RAF/1880196 F/S Preece P.S.V.		0507	0819	" E " BLIND ILLUMINATOR:- Clear visibility. 10 x CF No. 3 released at 0525:30 hours from 11,000 feet on previous flares. 4 x 1,000 MC released at 0533 hours from 11,000 feet on Red T.Ls 200 yards to starboard and one second overshoot, as instructed by Master Bomber. Arriving, flares down. H2S u/s. Dropped flares on flares already down running N/E to S/S/W. Master Bomber ordered "Bomb Reds (to starboard plus one second)". Red fell at this point on bombing. Good bombing. Two Greens seen, one to port and one to starboard of Reds already down but very close. Aircraft returned to base.	
		Bombload:- (Same as 'A').					
	'D' PA 965	J.29080 F/O Cormier P.J., J.36833 F/O Shier R.E., R.158333 F/S Allan W.E., J.88588 F/O Brearley J.E., R.198884 F/S Gray J.G., R.178879 W/O Stroich N. RAF/1895640 SGT Kanka S.E.		0508	0827	" D " BLIND ILLUMINATOR:- Hazy on ground. 10 x CF No. 3 released at 0523:48 hours from 12,000 feet by H2S. 4 x 1,000 MC released at 0530:48 hours from 12,000 feet 200 yards to starboard and one second overshoot of Red T.Ls as instructed by Master Bomber. Dropped flares on H2S just South of target. Red T.Ls fell at 0526 hours and fell a few yards to S/E of A/P. Greens fell at 0529:30 and fell in water to S/E. Two Greens fell near first Red T.Ls. Bombing was good. Aircraft landed base.	
		Bombload:- (Same as 'A').					
	'G' PB 451	J.13468 F/L Ellison T., J.24697 F/L Charley W.A., J.26648 F/O McKinnon D. RAF/187245 F/O Henderson R.G., J.92666 F/O Stowe R.S., J.92665 F/O Stevens F. RAF/1825274 SGT McFall A.		0509	0807	" G " BLIND ILLUMINATOR:- Clear visibility. 9 x CF No. 3 released at 0523:36 hours from 11,500 feet by H2S. 4 x 1,000 MC released at 0532:12 hours from 11,500 feet on T.L. Red and Green, overshoot by 1½ seconds as instructed by Master Bomber. H2S picked up Le Verdun point and N/E coast of Geronde. Flares dropped in line South of town Royan 4 mils. First Red T.L at 0526:30 hours on A/P and bombs fell in middle of T.Ls. Bombing was good and on T.Ls. Six small fires from previous raid seen. 1 x CF No. 3 brought back owing to hang up. Aircraft landed base.	
		Bombload:- (Same as 'A').					
	'H' PB 513	J.27719 F/O Kyte M.S., C.3681 F/L W. Irvin, J.29669 F/O Fallon F.C., J.87445 F/O Welch J.A., J.87810 F/O Hubley H.F., J.87870 F/O Campbell W. RAF/1891456 SGT King W.A.		0513	0814	" H " RESERVE ILLUMINATOR:- Clear with scattered 3/10 cloud. 10 x CF No. 3 released at 0529:4 hours from 11,500 feet and 4 x 1,000 MC released at 0535:12 hours from 11,500 feet, on T.L. Green on Master Bomber's instructions. Good H2S run. Heard Master Bomber ask for more Illuminator flares at 0526:30 hours and dropped own on good "F" run. There were two lots of Red T.Ls on the ground not very far apart (100 yards) and Green T.Ls cascading. Orbitted and saw Greens had overshot to starboard as per Master Bomber's instructions. At 0533 hours, Master Bomber changed to bomb Greens. Other bombing seen amongst Greens. Aircraft landed base.	
		Bombload:- (Same as 'A').					

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DETAIL OF WORK CARRIED OUT

By No. 405 (R.C.A.F.) Squadron (P.F.F.).

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*15323—9511) Wt. 28722—2156 75M 10/44 T.S. 700

FOR THE MONTH OF January, 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 5, 1945.	Lancaster III					Bombing Attack On " ROYAN " (Continued)	A-2
	'T' PB 516	J.19654 F/L Webb G.W., DFC, J.23470 F/O Painter V.F., J.89722 P/O Young C.A., R.169371 W/O Bova G., J.86847 P/O Dale R.T., R.208615 F/S Scarffe C.E., RAF/1876410 SGT Whitehouse J.B. Bombload:- (Same as 'A').		0305	0809	" T " BLIND ILLUMINATOR:- Clear with thin cloud about 11,000 feet. 10 x C.P. No. 3 released at 0523.3 hours from 12,000 feet by H2S run, and 4 x 1,000 MC released at 0530:06 hours from 10,000 feet on Master Bomber's instructions, 200 yards starboard of Red T.I.s, and one second overshoot. Master Bomber gave ceiling at 11,000 feet. Two lots of Illuminator Flares fell slightly Northeast of target 30 seconds before own flares went. All ground detail clearly seen. Orbitted and Red T.I.s fell at 0526:12 hours and appeared to be slightly to port of Aiming Point. Green T.I.s at 0529 hours centred on Reds. Green T.I.s again at 0532:12 hours. Own bombs slightly overshot. At 0532.6 hours, Green T.I.s. All marking seemed concentrated and bombing was good. Aircraft returned to base.	
	'O' PB 233	J.86652 F/O McIntyre H.B., J.35749 F/O Mahler L.H., R.158073 W/O St. Pierre A.L.J., J.92566 P/O Stone T.A., RAF/653002 W/O Price W., R.147053 F/S Fostey A.M., RAF/2211605 F/S Hilton E. Bombload:- (Same as 'A').		0304	0818	" O " BLIND ILLUMINATOR:- Clear with slight smoke haze. 10 x C.P. No. 3 released at 0523:42 hours from 12,000 feet by good H2S run, and 4 x 1,000 MC released at 0530:30 hours from 12,000 feet as instructed by Master Bomber on Red T.I.s 200 yards starboard with one second overshoot. Four to six sets of Illuminator flares down on run in. Dropped own and flares appeared to fall down coast S/E of Aiming Point. Orbitted and at 0526 hours, Red T.I.s cascaded. At 0529 hours, Green T.I.s fell. At 0533 hours more Greens. The first Reds fell S/E of Aiming Point and the first Green further South but later marking was concentrated, and lots of bombing amongst T.I.s. Aircraft landed base.	
	'M' PB 402	J.88878 F/O Forsberg W.G., DFC, J.21185 F/O Mertz A.H., RAF/183198 P/O King D.E., RAF/158800 F/O R.J. Hannaford, R.164509 F/S MacKinnon A. RAF/170579 F/O Heames L.L.C., RAF/1583461 F/S Meadows T.H.J., DFM. Bombload:- (Same as 'A').		0303	0829	" M " BLIND ILLUMINATOR:- Clear visibility. 10 x C.P. No. 3 released at 0526:54 hours from 12,000 feet by H2S, and 4 x 1,000 MC (M.II) released at 0534:42 hours from 12,000 feet on Green T.I. Some flares down on arrival. Own fell to N/W of those already down. Bombed on Master Bomber's orders on Green T.I. First Reds fell close to coast-line. First Green fell among Reds and other Greens slightly to starboard and touching Red T.I.s. One Red 200 yards to N/W of first Reds. Illuminator flares at 0522, Green at 0526, Green at 0529:18 and 0530:30 and more Green at 0531:42 hours. Aircraft returned to base.	
	'X' PB 229	J.89628 F/O Maxwell R.B., "C.G.M." J.29856 F/O Laidlaw M.S., J.89617 P/O Cathrea H.W., J.89709 P/O J.G. Feasby, R.224452 F/S Allan D., J.89636 P/O Chisholm E.D., RAF/543144 F/S H. Jones. Bombload:- (Same as 'A').		0314	0823	" X " RESERVE ILLUMINATOR:- Clear visibility. 4 x 1,000 MC released at 0532:06 hours from 12,000 feet on Master Bomber's instructions, on red T.I.s 200 yards starboard with one second overshoot. On arrival, lots of Illuminator flares down. Visually identified bay and Red T.I.s were down. Ran over Aiming Point at 0527:12 hours and at 0527:30 Master Bomber called for more flares. We were then in orbit and too late to drop. At 0542 hours, a very big explosion	

(over)

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan. 5, 1945.	Lancaster III					**Bombing Attack On " ROYAN " (Continued)**	A-2
	'X' PB 229	F/O Maxwell R.B. "O.C.M." & Crew				**" X " RESERVE ILLUMINATOR:-** (Continued) seen. On second run, bombed on Red T.I.s as per Master Bomber's instructions: Green S.I.s seen down, slightly North of Red to starboard. Good concentrated bombing on markers. 10 x C.P. No. 3 brought back owing to not being in position to drop when Master Bomber's orders received. Aircraft returned to base.	
	'F' PB 530	J.3202 S/L Neilly L.G., DFC, J.28917 F/O Ferguson R.M., J.20667 F/L Windt H.G., RAF/1390619 F/S Finlay D.D., J.35651 F/O Lagros C.B., J.89669 F/O MacNair K.A.C., RAF/188461 F/O Warne A.		0329	0825	**" W " RESERVE ILLUMINATOR:-** Clear visibility. 9 x C.P. No. 3 released at 0528:36 hours from 12,000 feet on Master Bomber's instructions, across Red T.I.s. 4 x 1,000 HC released at 0533:12 hours from 12,000 feet on Master Bomber's instructions; on centre of Red T.I.s. HZS w/s visually identified target and heard Master Bomber call for more illumination at 0527 hours. Dropped own flares across Red T.I.s which appeared to be near the Aiming Point and others slightly South of Aiming Point. Orbitted and saw Green T.I.s cascaded and overlap on Reds nearest Aiming Point. They disappeared quickly into smoke. At 0541:40 hours a big explosion seen. 1 x CP No. 1 Mk.IV jettisoned at position 50.20 N. 00.20 E. at 0715 hours from 9,000 feet (safe), owing to hang up. Aircraft returned to base.	
		Bombload:- (Same as 'A').					
Jan. 5/6, 1945.						**Bombing Attack On " HANOVER " 16 A/C Detailed (Night)**	A-3
	'D' PB 965	J.89389 F/O Tarson L.R., J.89907 F/O Hobbs G., J.89.86 F/O Bolen J.E., J.89752 F/O Van Metre R.B., J.89677 F/O Ettire W.H., R.224871 F/S Ford S. RAF/1894.729 SGT Potter L.A.		1926	0035	**" D " BLIND SKY MARKER:-** Clear but slightly hazy. Bombed at 2149:45 hours from 18,000 feet by HZS with visual check. First saw target 60 to 70 miles away and whole target area was illuminated by large fires. At 2145:5 hours, saw Green T.I.s cascading, and then made run and bombed on HZS with visual check. 1 x No. 1 CP Red/Green Stars, brought back not required. Aircraft landed base.	
		Bombload:- 1 x No. 1 CP RED/GREEN Stars, 5 x 2,000 HC M/L					
	'H' PB 513	J.27719 F/O Kyte M.S., C.3681 F/L W. Irvin, J.29669 F/O Fallon F.C., J.87445 F/O Welch J.A., J.87810 F/O Hubley B.F., J.87870 F/O Campbell W. RAF/1891456 SGT King K.A.		1928	2350	**" H " BLIND SKY MARKER:-** 3/10 cloud and base with fair visibility. Bombed at 2153:25 hours from 18,000 feet by HZS with GPI check. Target area was covered by base. Attack opened at 2144 hours with illuminating flares igniting, followed by Green T.I. and Red T.I.s. These were very concentrated and over fires of previous attack. Cloud then covered target but Red T.I.s were still visible through cloud and bomb bursts seen in marker area. A brilliant flash larger than a cookie burst was seen at approximately 2200 hours. 1 x No. 1 CP Red/Green Stars brought back, not required. Aircraft landed base.	
		Bombload:- (Same as 'D').					

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OPERATIONS RECORD BOOK

APPENDIX ..... A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

BY No. 405 (R.C.A.F.) Squadron (P.F.F.).

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FOR THE MONTH OF January, 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 5/6, 1945.	Lancaster III					Bombing Attack On " HANNOVER " (Continued).	A-3
	'K' ME 315	J.10982 W/C Rawson B.F.N., DFC, J.8600 F/L Pennington J., RAF/148838 F/L Cousins F., DFC, RAF/171477 F/L Langley D.J., DFM, J.87964 P/O Ewing F.H., J.18617 F/O Crosby H.F., RAF/185887 P/O Oldland H.R. Bombload:- 10 x No. 3 G.P., 2 x 250 Ord. Green T.I., 2 x 250 Green T.I. (L.B.).		1924	0005	" K " BLIND MARKER ILLUMINATOR:- Clear visibility. Target first seen when 60 miles away. Fires large and clearly visible and also T.I.s Green. When over target at 2146.5 hours, target clearly marked and H2S u/s so retained load. 10 x No. 3 GP, 2 x 250 Green T.I. (Ord.), and 2 x 250 Green T.I. (LB.) brought back owing to H2S u/s and target clearly marked. Aircraft returned and landed base with full load. Abortive sortie. Over enemy territory only, no bombs dropped.	
	'X' PB 229	J.28709 F/O Sparling L.G., J.36317 F/O Allan J., J.35536 F/O Splatt L.W. J.92782 P/O Scott N.L.W., R.214565 F/S Brown D.H., R.208433 F/S Veri D. R.166920 F/S Quinn R.A. Bombload:- (Same as 'K').		1919	2355	" X " BLIND MARKER ILLUMINATOR:- Clear visibility. Bombed at 2146 hours from 18,000 feet by H2S with a good image. Town was on fire on arrival. Aiming Point not identified. Two Green T.I.s fell approximately 2145 hours. Illuminator flares seemed mixed with fires. Aircraft returned to base.	
	'A' PB 682	J.19726 F/L McDonald J.W., J.14669 F/L House K.G., J.27588 F/O Whetter R.J.C., J.92432 P/O Lea C.N., R.173351 F/S Egan J.C., J.22104 F/O Crowe C.H. RAF/2201790 SGT Burgess J. Bombload:- (Same as 'K').		1920	2346	" A " BLIND MARKER ILLUMINATOR:- Clear visibility. Bombed at 2147:12 hours from 18,000 feet on centre of town. Town was on fire and well lit from previous raid seen 70 miles away. Ran over and bombed centre of town. Red T.I. fell as we bombed. Bombing seen was good. Four T.I. Green brought back, not required because town already outlined by fire. Aircraft returned to base.	
	'M' PB 402	J.88878 F/O Forsberg W.G., DFC, J.21185 F/O Mertz A.H., RAF/185198 P/O King D.E., RAF/158800 F/O R.J. Hannaford, R.164509 F/S MacKinnon A. RAF/170579 F/O Heames L.L.C., RAF/1585461 F/S Meadows T.H.J., DFM. Bombload:- (Same as 'K').		1917	0015	" M " BLIND MARKER ILLUMINATOR:- Clear with smoke haze. Good visibility. Bombed at 2146:18 hours from 18,000 feet on H2S with GPI check. On approach, saw fires in built-up area. On run up, saw two Green T.I. cascade almost over the fires. Saw lake and bend in roadway. After bombing, Red T.I.s cascaded. Marking and early bombing was very well concentrated. Aircraft landed base.	
	'U' PB 650	J.24254 F/L Kettlewell T.W., J.25054 F/L Martin W.F., J.90339 P/O Shopland R.W., J.27791 F/O Nairn T.J., J.18644 F/O Faulkes P., J.19499 F/O Patterson E.J., RAF/1800584 F/S Kiff A.E.S., J.19402 F/L Wilson G.E. Bombload:- 2 x 1,000 Ord. T.I. Red, 4 x 1,000 Red T.I. (L.B.).		1931	2358	" U " PRIMARY VISUAL MARKER:- Clear visibility. Fires from 80 miles away showed target area. Target area identified and some features on way out. Target details covered by smoke. Illuminators only falling at 2147:18 hours. One Green and Illuminator flares fell West of town two miles. Another green fell in smoke and was obscured. 2 x 1,000 Ord. Red T.I., and 4 x 1,000 Red T.I. (L.B.) brought back because we could not see markers to centre. Aircraft returned to base with full bombload. Abortive sortie. Over enemy territory only, and no bombs dropped.	
	'W' PB 530	J.25956 F/L McNaughton D.A., J.27491 F/O Small D.V.J., J.28504 F/O Gray G. RAF/1152027 W/O Thom A.L., J.88097 P/O Harper K.A.T., J.88072 P/O Hunt P.F., RAF/55904 P/O Forsdyke R.A., J.28892 F/O Gilbert G.L. Bombload:- (Same as 'U').		1923	0029	" W " PRIMARY VISUAL MARKER:- Clear visibility with smoke haze. Bombed at 2148:18 hours from 18,000 feet on centre of Green T.I.s. Target seen from 80 miles away. Green T.I. spread all around town which was on fire. One Red fell a few seconds before bombing. First Green fell at 2145:42 hours. Bombing all around fires and T.I.s. Aircraft returned to base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan. 5/6, 1945.	Lancaster III					Bombing Attack On " HANNOVER " (Continued)	A-3
	'J' PB ME 304	J.28134 F/O Hartley J. R., J.29329 F/O Dennis J.E., J.29700 F/O E.R. Knox-Lett R.187543 F/S Chevalier H.C. J.88289 F/O Bluethner P.D., R.188286 W/O Williams A.J., RAF/1836540 SGT Williams W.R., J.19097 F/O McKenzie A. Bombload:- 2 x 250 Ord. Red T.I., 2 x 250 Red T.I. (L.B.), 4 x 2,000 HC N/L.		1932	0001	" J " VISUAL CENTRE:- Clear with smoke haze but good visibility. Bombed at 2152:24 hours from 18,000 feet on centre of concentration of T.I. Reds on ground. On run in to target, saw Autobahn N/W of town, and then a built-up area with many fires. Red T.I.s were cascading over what appeared to be centre of built-up area. Much bombing concentrated in the marker area. One Red and one Green T.I. were seen at approximately 2150 hours 2 or 3 miles S/W of built-up area. Aircraft landed base.	
	'C' PB 183	J.25776 F/O Dix W.F., J.28916 F/O W. J.20891 F/L Fraser W.M., RAF/170288 F/O Lewis J.A., R.203168 F/S Turner K. R.217015 F/S Jarvis J.D., RAF/1894697 F/S Page A.J.A., J.28923 F/O Jackson E.R. Bombload:- (Same as 'J').		1930	0033	" C " VISUAL CENTRE:- Clear with smoke haze but good visibility. Bombed at 2154:23 hours from 18,400 feet on centre of concentration of Red T.I. with two seconds overshoot. At 2145:30 hours, saw Illuminating flares. At 2147:12 hours, Green T.I. cascaded. At 2148 hours Red T.I.s cascaded. No ground detail visible. Marking appeared to be slightly North of fires. Fours Reds and Greens fell 4 to 5 miles West of built-up area. Many bomb bursts from marker area. Aircraft landed base.	
	'Y' PB 282	J.26095 F/L Whittall H.R., J.28913 F/L Fultz J.G., J.28487 F/O McConnell W.A. J.92193 F/O Cox G.A., R.224492 F/S P. Roach, J.28664 F/O Spearing C.A., RAF.183093 F/O Willoughby D.H.C., J.17272 F/O Naylor W.K., DFC. Bombload:- (Same as 'J').		1927	0007	" Y " VISUAL CENTRE:- Clear visibility. Bombed at 2151:30 hours from 18,000 feet on 2 Red T.I. Saw target from 80 miles away. Railway seen on North side of town with T.I.s Red to East of railway. Some scattered Green T.I.s to West and some undershooting two miles to Northwest with illuminating flares with them. One Green T.I. fell with the 2 Red T.I.s. Bombing was on T.I.s. Target area looked like one big T.I. with lots of smoke. Aircraft landed base.	
	'T' PB 516	J.28735 F/O Lindsay J.B., J.28771 F/O McLean W.G., J.26541 F/O McKinlay J. R.212876 F/S Smith W.G., R.261914 F/S Cameron J.R., R.266096 F/S Patterson P. RAF/1897095 SGT Horner E. Bombload:- 6 x 2,000 HC N/L.		1916	0058	" T " SUPPORTER:- 2 to 3/10 cloud, tops 8,000 feet. Bombed at 2145:30 hours from 18,000 feet by H2S. When approaching, fires were burning from previous raid. Own bombs seen in built-up area near square. In city centre, streets were lit up by explosions. Aircraft landed base.	
	'O' PB 233	J.27527 F/O Nagy G.H.K., J.38787 F/O McDavid D.S., J.38255 F/O Le Sergent M. R.122792 F/O Brown G.P., R.201403 F/S Angus A.P., R.189308 F/S Schindell W. RAF/1592445 SGT Jackson E.A. Bombload:- (Same as 'T').		1952	0041	" O " SUPPORTER:- Clear with smoke haze but good visibility. Bombed at 2152 hours from 18,000 feet on centre of concentration of Red T.I.s on ground. On arrival, saw many fires to West and South of built-up area and one Green cascading over built-up area West of town. Two Reds cascaded over Northern built-up area which did not appear to be receiving any attention, and we bombed these. Several other aircraft were seen attacking it and this area was soon on fire. Bombing was concentrated in built-up area with good marking. Aircraft landed base.	
	'V' PB 653	J.5549 F/L Payne H.L., J.38343 F/O H. Novak, J.28933 F/O McKay D.G., R.197271 F/S Bruggeman J.A., R.269109 F/S Cunliffe B.R., R.270329 SGT Smith N., RAF/1337884 SGT Marshall H.M., J.88574 F/O Miller A.B. Bombload:- (Same as 'T').		1915	0021	" V " SUPPORTER:- Clear with smoke haze. Bombed at 2144:54 hours from 18,000 feet by H2S. Arriving, no marking down but lots of fires from previous raid which covered whole town, but details obscured by smoke. Own bombs seen among fires and some other bombing seen. A good raid. Aircraft landed base.	

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OPERATIONS RECORD BOOK

APPENDIX ..... A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 405 R.C.A.F. Squadron (P.F.F.).

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FOR THE MONTH OF January, 1945.

*15323—9511) Wt. 28722—2156 75M 10/44 T.S. 700

Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References.
Jan. 5/6 1945.	Lancaster III					Bombing Attack On " HANNOVER " (Continued)	A-3
	'E' PA 982	J.27859 F/L Friedman L.A., J.28216 F/O Robertson J.D., J.90218 P/O Smith S.D., R.186182 F/S Benton L.D., J.18859 F/O Dill R., RAF/1586104 W/O Proctor S.J., DFM, RAF/1880196 F/S Preece P. Bombload:- (Same as 'K').		1925	0003	" E " BLIND MARKER ILLUMINATOR:- Clear visibility. Large fires, T.I.s Red and Green cascading seen. Arrived at target at 2147 hours and whole area illuminated by many large fires. Saw T.I. Reds and Greens cascading at 2145 hours. As target was clearly marked, retained all T.I.s and illumination flares. 10 x No. 3 CP, 2 x 250 Ord. T.I. Green and 2 x 250 Green T.I. (L.B.) brought back as target was clearly marked. Flares and T.I.s were plentiful, therefore ours were not required. Aircraft landed base with full load. Nothing dropped. Over enemy territory only — abortive sortie.	
	'G' PB 451	J.29080 F/O Cormier P.J., J.36833 F/O Steer R.E., R.158333 F/S Allan W.E., J.88688 P/O Brearley J.E., R.198884 F/S Gray J.G., R.178879 W/O Stroich N. RAF/1895640 SGT Kanka S.E. Bombload:- (Same as 'D').		1922	2352	" G " BLIND SKY MARKER:- Clear with smoke haze. Bombed at 2151:18 hours from 18,500 feet by H2S. On approach, could see town on fire from coast. Details obscured by smoke. Built-up area and railway seen but not identified. At 2146:12 hours, Green T.I. fell. Two rows of illuminator flares seen. Bombing was good. 1 x No. 1 CP Red/Green stars brought back. Aircraft landed base.	
Jan. 7/8, 1945.						Bombing Attack On " MUNICH " 14 A/C Detailed (Night)	A-4
	'A' PB 682	J.19726 F/L McDonald J.W., J.14669 F/L House K.G., J.27588 F/O Whetter R.J.C., J.92432 P/O Lea C.N., R.173351 F/S Egan J.C., J.22104 F/O Crowe G.N., RAF/2201790 SGT Burgess J. Bombload:- 1 x No. 1 C.P. R/G Stars, 2 x 250 Green T.I., 2 x 250 Green T.I. (L.B.). 1 x 4,000 HC Minol N/I, 6 x 500 GP TD .025.		1915	0155	" A " BLIND MARKER:- 10/10 stratus cloud with good visibility. Bombed at 2226:24 hours from 18,000 feet by H2S with G.P.I. check on Lake Ammersee. At 2226 hours, Red/Green flares began to fall. After bombing we saw 3 or 4 more and all very concentrated. Decoy fires were seen 3 or 4 miles S/E of town. Aircraft landed base.	
	'J' ME 304	J.27527 F/O Begg G.H.K., J.38787 F/O McDavid D.S., J.38255 F/O Le Sergent M.W., R.122792 W/O Brown G.P., R.201405 F/S Angus A.P., R.189308 F/S Schindell W.K., RAF/1592445 SGT E.A. Jackson. Bombload:- 4 x 2,000 HC N/I, 1 x 1,000 MC (M.II) TD.025.		1914	0232	" J " SUPPORTER:- 10/10 stratus cloud, tops 10,000 feet with good visibility. Bombed at 2224 hours from 18,000 feet. Bombed nearside (S/W) of glow. No marking seen on arrival. Orbitted for approximately four minutes. Still no marking, so we bombed an orange glow on cloud, probably fires of previous attack. Five or six Red/Green flares fell at approximately 2226 hours. Very concentrated. On leaving, sky-marking was very well concentrated with bomb bursts below. Saw fires approximately five miles S/E and seven miles S/W of town (probably dummies.). Aircraft returned to base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan. 7/8, 1945.	Lancaster III					Bombing Attack on " MUNICH " (Continued)	A-4
	'D' PA 965	J.85239 F/O Larson L.E., J.89907 F/O Hobbs G., J.89486 F/O Bolen J.E., J.27927 F/O Goddard R.S., J.89677 F/O Little W.M., R.224871 F/S Ford S.W., RAF/1894729 SGT Ritter M.S.		1920	0227	" D " BLIND SKY MARKER:- "T", Gee and H2S unserviceable. When 60 miles approximately N/E of target area, saw T.L.s going down behind. Turned towards them but could not get into bomber stream in time for bombing so dropped bombs approximately 20 miles North of Munchen. 2 x No. 1 C.P. Red/Green brought back. Aircraft landed base.	
		Bombload:- 4 x 2,000 HC. M/L					
	'E' PA 982	J.27859 F/L Friedman L.A., J.28216 F/O Robertson J.D., J.90218 F/O Smith S.D., R.186182 F/S Benton L.D., J.18859 F/O Dill R., RAF/1586104 W/O Proctor G.J., RAF/1868196 F/S Preece P.S.V.		1916	0214	" E " BLIND MARKER:- 10/10 stratus cloud, tops 12,000 feet with poor visibility. Bombed at 2226:48 hours from 18,000 feet by H2S with G.P.I. check on Ammer Lake. On approach, Red glow seen. At 2225 hours, one Red/Green flare seen falling. After bombing, 5 Red/Green flares were seen very well concentrated. Searchlights soon illuminated the cloud, obscuring the glow of the T.L.s. No bombing visible. Aircraft landed base.	
		Bombload:- (Same as 'A').					
	'G' PB 451	J.3202 S/L Neilly L.C., DFC, J.28917 F/O Ferguson R.M., J.20667 F/L Hindt H.G., RAF/1390619 F/S Finlay D.D., J.35651 F/O Legris G.B., J.89665 F/O MacNeil K.L.C., RAF/184401 F/O Warne A.		1913	0205	" G " SUPPORTER:- 10/10 strata cumulus cloud, tops approximately 10,000 feet with good visibility. Bombed at 2225:36 hours from 18,500 feet by H2S. On arrival at 2225:26 hours, one Red T.I. cascaded underneath our nose. As we left, 6 or 7 Red/Green flares were falling, well concentrated. One large Acreorew fell over target. Cloud lit up by searchlights. Photo-flash hung up. Aircraft landed base.	
		Bombload:- (Same as 'J').					
	'H' PB 513	J.10982 W/C Rawson B.F.N., DFC, J.8600 S/L Pennington J., RAF/148858 F/L Cousins F., DFC, RAF/170288 F/O Lewis J.A., J.87964 F/O Ewing F.H., J.18617 F/O Crosby H.F., RAF/185807 F/O Oldland H.E.		1922	0235	" H " BLIND SKY MARKER:- 10/10 layer cloud with good visibility. Bombed at 2240 hours from 18,000 feet by H2S with GPI check on Ammer Lake. On run in, saw four Red/Green flares and more fell after we bombed. Many bomb bursts seen and glow of incendiary fires. It looked a good attack. Aircraft landed base.	
		Bombload:- (Same as 'D').					
	'T' PB 516	C.795 S/L Marcou H.P., AFC, RAF/163031 F/O Downey T.W., RAF/165241 F/O Smoker H.G., RAF/146608 F/O Vockins A.D., USA/10601626 T/Sgt. Warner J.W., J.13388 F/L Hamblin W.D.M., DFC, RAF/1867791 SGT Catlin K.H., NZ.429800 F/O Noice R.G.		1919	0237	" T " VISUAL CENTRER:- 10/10 stratus cloud at 15,000 feet with good visibility. Bombed at 2231:56 hours from 18,000 feet by H2S. When approaching target at 2229 hours, saw flare Red/Green going down, a six-mile undershoot. About six more went down in cluster at 2230 hours. Others were very scattered. After leaving target, saw Red T.I. between two Wangarnia. No bombing recognisable. 4 x 250 T.I. Red and 2 x 250 L.B. T.I. Red brought back. Aircraft landed base.	
		Bombload:- 4 x 250 T.I. Red, 2 x 250 T.I. Red (L.B.), 1 x 4,000 HC Mimol M/L, 6 x 500 GP TD .025.					

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Date	Aircraft Type & Number	Crew	L. ty	Time Up	Time Down	Details of Sortie or Flight	References.
Jan. 7/8, 1945.	Lancaster III					Bombing Attack on "MUNICH" (Continued)	A-4
	"D" PA 965	J.85239 F/O Larson L.M., J.89907 F/O Hobbs C., J.89486 F/O Bolen J.E., J.27927 F/O Goddard R.S., J.89677 F/O Little W.M., R.221871 F/S Ford S.W., RAF/1894729 SGT Potter M.A. Bombload:- 1 x No. 1 C.P. W/C Stars, 4 x 2,000 HC. M/L		1920	0227	"D" BLIND SKY MARKER:- "T's, Gee and H2S unserviceable were u/s. When 60 miles approximately N/E of target area, saw T.L.s going down behind. Turned towards them but could not get into bomber stream in time for bombing so dropped bombs approximately 20 miles North of Munchen. 1 x No. 1 C.P. R54/Green brought back. Aircraft landed base.	
	"E" PA 982	J.27859 F/L Friedman L.A., J.28216 F/O Robertson J.D., J.90218 F/O Smith S.D., R.186182 F/S Benton L.D., J.18859 F/O Dill R., RAF/1586104 W/O Proctor S.J., RCAF, RAF/1880296 F/S Preece P.S.V. " Bombload:- (Same as "A").		1916	0214	"E" BLIND MARKER:- 10/10 stratus cloud, tops 12,000 feet with poor visibility. Bombed at 2226:48 hours from 18,000 feet by H2S with G.P.I. check on Ammer Lake. On approach, Red glow seen. At 2225 hours, one Red/Green flare seen falling. After bombing, 5 Red/Green flares were seen very well concentrated. Searchlights soon illuminated the cloud, obscuring the glow of the T.L.s. No bombing visible. Aircraft landed base.	
	"G" PB 451	J.3202 S/L Neilly L.G., DFC, J.28927 F/O Ferguson R.M., J.20667 F/L Windt H.G., RAF/1390619 F/S Finlay D.D., J.35651 F/O Edgar G.B., J.89665 F/O MacNair K.A.C., RAF/184401 F/O Warne A. Bombload:- (Same as "J").		1913	0205	"G" SUPPORTER:- 10/10 strata cumulus cloud, tops approximately 10,000 feet with good visibility. Bombed at 2225:36 hours from 18,500 feet by H2S. On arrival at 2225:26 hours, one Red T.I. cascaded underneath our nose. As we left, 6 or 7 R54/Green flares were falling, well concentrated. One large Scarecrow fell over target. Cloud lit up by searchlights. Photo-flash bung up. Aircraft landed base.	
	"H" PB 513	J.10982 W/C Rawson R.F.N., DFC, J.8600 S/L Pennington J., RAF/148838 F/L Cousins P., DFC, RAF/170288 F/O Lewis J.E., J.87964 F/O Ewing F.H., J.18617 F/O Crosby H.F., RAF/185807 F/O Gilland H.E. Bombload:- (Same as "D").		1922	0235	"H" BLIND SKY MARKER:- 10/10 layer cloud with good visibility. Bombed at 22.0 hours from 18,000 feet by H2S with GPI check on Ammer Lake. On run in, saw four Red/Green flares and more fell after we bombed. Many bomb bursts seen and glow of incendiary fires. It looked a good attack. Aircraft landed base.	
	"T" PB 516	C.795 S/L Marcou H.F., AFC, RAF/163031 F/O Downey T.W., RAF/165241 F/O Smoker H.G., RAF/146608 F/O Vockins A.D., USA/20601626 T/Sgt. Verner J.W., J.13388 F/L Humblin W.L.M., DFC, RAF/1867791 SGT Catlin E.H., NZ/429800 F/O Noice H.G. Bombload:- 4 x 250 T.I. Red, 2 x 250 T.I. Red (I.R.), 1 x 4,000 HC Mimol M/L, 6 x 500 GP TD 0.025.		1919	0237	"T" VISUAL CENTRER:- 10/10 stratus cloud at 15,000 feet with good visibility. Bombed at 2231:56 hours from 18,000 feet by H2S. When approaching target at 2229 hours, saw flare Red/Green going down, a six-mile undershoot. About six more went down in cluster at 2230 hours. Others were very scattered. After leaving target, saw Red T.I. between two Wangannis. No bombing recognisable. 4 x 250 T.I. Red and 2 x 250 L.B. T.I. Red brought back. Aircraft landed base.	

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OPERATIONS RECORD BOOK

APPENDIX ..... A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

BY No. 405 R.C.A.F. Squadron (P.F.F.).

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*15323—9511) Wt. 28722—2156 75M 10/44 T.S. 700

FOR THE MONTH OF January, 1945.

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 7/8, 1945.	Lancaster III					Bombing Attack On " MUNICH " (Continued)	A-4
	'C' PB 183	J.28735 F/O Lindsay J.B., J.28771 F/O McLean W.G., J.26541 F/O McKinlay J. R.212876 F/S Smith W.G., R.261941 F/S Cameron J.R., R.266096 F/S Patterson P.J., RAF/1897095 SGT Horner E. Bombload:- (Same as 'J').		1913	0224	" C " SUPPORTER:- 10/10 stratus cloud at 10,000 feet with hazy visibility. Bombed at 2226:48 hours from 18,000 feet by H2S. At approximately 2226 hours, saw Wanganui going down. After bombing, saw flare Red/Green. Flashes of bombing but probably rather scattered. Aircraft landed base.	
	'Y' PB 282	J.26095 F/L Whittall H.R., J.28913 F/L Fultz J.G., J.28487 F/O McConnell W.A.S., J.92193 P/O Cox G.A., R.224492 F/S Roach P.C., J.92664 P/O Spearing C.A., RAF/183093 P/O Willoughby D.H., J.17272 F/O Taylor W.K., DFC. Bombload:- (Same as 'T').		1921	0220	" Y " VISUAL CENTRE:- 10/10 strata. cumulus cloud or stratus at 8 to 10,000 feet with poor visibility. Bombed at 2234:42 hours from 18,000 feet by H2S and G.P.I. check on North end of Ammer Lake. At 2224 hours, T.I.s Red. Three Wanganui bursting just ahead on run up, fairly close together. Cloud too thick to see bombing. Not very successful 1 x 500 GP hung up, which was brought back. 4 x 250 Red T.I., 2 x 250 L.B. T.I. Red, 1 x 4,000 HC Minol and 5 x 500 GP dropped. Aircraft returned to base.	
	'M' PB 402	J.88878 F/O Forsberg W.G., DFC. J.21185 F/O Mertz A.H., RAF/183198 P/O King D.E., RAF/158800 F/O R.J. Hammaford, R.164509 F/S MacKinnon A., RAF/170589 F/O Heames L.L.C., RAF/1583461 F/S Meadows T.H.J., DFM. Bombload:- (Same as 'A').		1917	0203	" M " BLIND MARKER:- 10/10 stratus cloud at 3,000 feet with good visibility. Bombed at 2227:22 hours from 18,000 feet by H2S. Approaching target, one flare Green/Red went down followed by other 3 flares. Well concentrated. Our bombs went into centre. Saw several bomb bursts before markers. The bursts were together. No T.I.s. Aircraft returned to base.	
	'X' PB 229	J.28709 F/O Sparling L.G., J.36317 F/O Allan J., J.35536 F/O Splatt L., J.92782 P/O Scott N.L.W., R.214565 F/S Brown D.H., R.208433 F/S Veri D. R.166920 F/S Quinn R.A. Bombload:- (Same as 'A').		1918	MISSING	" X " BLIND MARKER:- This aircraft failed to return from this operation and nothing has been heard from any member of the crew since time of take-off. This was Flying Officer Sparling's 37th operation.	
	'V' PB 653	J.5549 F/L Payne H.L., J.38343 F/O H. Novak, J.28933 F/O McKay D.G., R.197271 F/S Bruggeman J.A., R.269109 F/S B.R. Cunliffe, R.270529 SGT Smith N.L.L., RAF/1337884 SGT Marshall H.M., J.88574 P/O Miller A.B. Bombload:- (Same as 'J').		1912	0211	" V " SUPPORTER:- 10/10 strata. cumulus cloud at 9,000 feet with good visibility. Bombed at 2227:36 hours from 18,000 feet by H2S. At 2225 hours, first flares went down. Two or three lots followed immediately after. T.I.s must have cascaded in cloud. Marking all well concentrated. Bombing difficult to assess through cloud. Aircraft landed base.	
	'Q' PB 233	J.89628 F/O Maxwell R.B., "C.G.M.", J.29856 F/O Laidlaw M.S., J.89617 P/O Cathrea H.W., J.89709 P/O Feasby J.G. R.224452 F/S Allan D., J.89636 P/O B. Chisholm, RAF/543144 F/S Jones H. Bombload:- (Same as 'J').		1911	0208	" Q " SUPPORTER:- 10/10 strata. cumulus cloud at 10,000 feet with poor visibility. Bombed at 2226:30 hours from 18,500 feet by H2S. At 2226 hours, flares Red/Green went down. Just after bombing, more flares went down just ahead. One group of Green T.I.s went down and into cloud immediately at 2241 hours. One large red explosion [illegible] and black smoke coming out of cloud, mushroom. 1 x 1,000 MC (M.KK) jettisoned at position 48.00 N. 11.55 E. at 2239:30 hours from 18,000 feet owing to hang up. Aircraft landed base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan. 7/8, 1945.	Lancaster III 'M' PB 650	J.26053 P/O Laing L.N., J.35906 P/O Baxter L.W., J.35778 P/O Smith D.C., J.40210 P/O Hyde R.H., R.266317 F/S Marsh F.J., R.217630 F/S Clisp J.R., RAF/3020201 SGT Morris E.		1909	0217	Bombing Attack On " MUNICH " (Continued). " M " SUPPORTER:- 10/10 stratus cloud, tops 10,000 feet, with good visibility. Bombed at 2226:24 hours from 18,000 feet by H2S with G.E.L. check on Ammer Lake. At approximately 2225 hours, three Red/Green Flares fell closely concentrated. Some more seen after bombing. Clouds were well illuminated by white light. Green and Yellow Flares seen falling at Stuttgart at 2143 hours. Aircraft landed base.	A-4
		Bombloads:- (Same as 'J').					
Jan. 14, 1945.						Bombing Attack On " SAARBRUCKEN M/Y A/P 'A' " 2 A/C Detailed (Daylight Attack)	A-5
	'N' PB 530	J.25956 F/L McNaughton D.A., J.27492 P/O Small L.V.J., J.28504 P/O Grey G.H., RAF/1152027 W/O Thom A.L., J.88097 P/O Harper L.A.T., J.88072 P/O Hunt P.E., RAF/55904 P/O Forsdyke E.A., J.28892 P/O Gilbert G.L.		1151	1634	" N " PRIMARY VISUAL MARKER:- Clear with good visibility. Bombed at 1457 hours from 17,500 feet on Aiming Point which was identified visually. Identified target visually at 1453 hours. Made run and bombed visually at 1457 hours. T.Ls seen to overshoot Aiming Point by approximately 300 yards. Orbitted and noted fair concentration of T.Ls and bomb bursts, showing a slight tendency to overshoot Aiming Point. Gee and 'H' u/s. Aircraft landed base.	
		Bombloads:- 2 x 1,000 T.L. Red (Le.B.), 2 x 2,000 T.L. Green (Le.B.), 1 x 1,000 T.L. Red (Ord.), 1 x 1,000 T.L. Green (Ord.), 4 x 500 MC TD .025.					
	'V' PB 653	J.10122 F/L Vann G.C.J., J.26708 F/L Spencer R.A., J.28237 P/O Gouchey H. RAF/170984 P/O Bevan R., J.17466 F/L Stevens L.C., DFM, R.220282 F/S C.M. Robinson, RAF/1895963 F/S Church J., J.18194 P/O Walter L.J.		1153	1637	" V " LONG STOP:- Clear visibility. From 15 miles away loop in dock seen South of Aiming Point. Arrived at target at 1458 hours. Several bomb bursts seen in target area and at 1457:18 hours first Red or Red/Green T.Ls fell on edge of wood North of Aiming Point approximately 2 or 300 yards. Master Bomber gave first instruction at 1459 hours "Undershoot Red/Green T.Ls by 600 yards" and repeated this at 1459:5 hours. Other Red T.Ls lay in wood overshot by ½ mile. At 1502:3 hours, Master Bomber said "Bomb centre of smoke". At 1503 hours "Undershoot Reds by 100 yards". At 1504 hours, "Bomb centre of Reds or centre of smoke concentration". Stayed in target area till 1509 hours and consider half of bombing fell in woods. A few good sticks straddled Marshalling Yard North of Aiming Point. Rest of bombing slightly South. All T.L.'s brought back, not needed. Aircraft landed base.	
		Bombloads:- 8 x 250 T.L. Yellow Smoke,					

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DETAIL OF WORK CARRIED OUT

BY No. 405 R.C.A.F. Squadron (P.F.F.).

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FOR THE MONTH OF January, 1945.

*15323—9511) Wt. 26722—2156 75M 10/44 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 14, 1945.	Lancaster III					Bombing Attack On " SAARBRUCKEN M/Y 'A' " (Continued)	A-5
	'C' PB 183	J.25776 F/O Dix W.F., J.28916 F/O C. Lindsay, J.20891 F/L Fraser W.M., R.193731 F/S Smith G.B., R.203168 F/S Turner K., R.217015 F/S Jarvis J.D., RAF/1894697 F/S Page A.J.A., J.28923 F/O Jackson E.R. Bombload:- 4 x 250 T.I. Green (Ord.) 2 x 250 T.I. Green (L.B.) 12 x 500 MC TD .025.		1158	1641	" C " VISUAL CENTRE:- Good visibility. Bombed at 1501:30 hours from 18,000 feet on Red ~~and~~ and Green T.I.s and Aiming point was visually identified. Saw T.I.s red and Green at 1459 hours and received instructions from Master Bomber to undershoot 300 yards. Markers were in good concentration on Aiming Point and bomb bursts appeared accurately placed on T.I.s. Aircraft landed base.	
	'K' ME 315	C.983 G/C Newson W.F.M., DFC & BAR, J.28702 F/O Cope J.L., RAF/127850 F/L Martin G.A., DSO, DFC, AUS/403405 F/L Giblin D.W.T., DFC, R.202642 F/S Ririe A.L., AUS/411091 S/L McLeod L.L., DFC RAF/1867791 SGT Catlin R.H., J.17272 F/O Naylor W.K., DFC. Bombload:- (Same as 'C').		1157	1631	" K " VISUAL CENTRE:- Clear visibility. Bombed at 1459:18 hours from 18,000 feet between Aiming Point and two Red T.I.s. Two Reds fell a few yards to East of Aiming Point on East side of Marshalling. Approximately one minute before bombing Aiming Point identified. Only two Red T.I.s seen. Very little bombing seen. Master Bomber ordered undershoot Red T.I.s by 100 yards at approximately 1458 hours. Later "Bomb downwind of smoke". Smoke used several times to indicate bombing point and later switch to T.I.s. One stick fell in town. Too much smoke to see details after bombing started. Aircraft returned to base.	
	'D' PA 965	J.85239 F/O Larson L.E., J.89907 F/O Hobbs G., J.89486 F/O Bolen J.E., J.89752 F/O Van Metre R.B., RAF/1550317 W/O Robb H., RAF/1321011 W/O Hainsworth R.W., DFM, RAF/1894729 SGT Potter M.A. Bombload:- 18 x 500 GP TD .025.		1152	1635	" D " SUPPORTER:- Clear visibility. Identified Aiming Point visually. Bombed at 1457 hours from 18,000 feet on Aiming Point. Ran up and target clearly identified from some distance and bombed Aiming Point. Master Bomber's orders heard after bombing "Orbit until target is marked". One load only before our bombs on Marshalling Yard and own bombs on Marshalling Yard. Aircraft returned to base.	
	'J' ME 304	J.28735 F/O Lindsay J.B., J.28771 F/O McLean W.G., J.26541 F/O McKinlay J. R.212876 F/S Smith W.G., R.261914 F/S Cameron J.R., R.266096 F/S Patterson P. RAF/188675 F/O Horner E. Bombload:- (Same as 'D').		1154	1649	" J " SUPPORTER:- Clear with good visibility. Bombed at 1457:24 hours from 16,800 feet on Northern portion of Marshalling Yard, half mile from Aiming Point. Arrived over target at 1457 hours. Saw no markers so bombed visually deliberately overshooting as the Aiming Point appeared well bombed. Aircraft returned to base.	
	'O' PB 233	J.26053 F/O Laing L.W., J.35906 F/O Bonter L.W., J.35778 F/O Smith D.G., J.40210 F/O Hyde R.M., R.266317 F/S Marsh F.J., R.227630 F/S Crisp J.R. RAF/3020201 SGT Morris R. Bombload:- (Same as 'D').		1155	1643	" O " SUPPORTER:- Clear visibility. Bombed at 1505:12 hours from 18,000 feet on centre of smoke as instructed by Master Bomber. Arriving at 1458:18 hours, told by Master Bomber to orbit and bombed centre of smoke on Master Bomber's orders. The Red T.I.s were on Eastern edge of railway lines and some fell into the smoke. Own bombs straddled Marshalling Yard. Bombing seemed concentrated on Marshalling Yard. Master Bomber ordered "Undershoot T.I.s 300 yards", later "Upwind edge of smoke", and later "Centre of smoke", and later "100 yards undershoot Red T.I.s". Aircraft landed base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan. 14, 1945.	Lancaster III "Y" PB 282	J.10991 F/L Dailey T.D., J.39401 F/O Campbell H.E., J.38669 F/O Ayres G. J.43082 F/O Faucher A.E., R.273796 F/S Hastings G.G., R.220836 F/S G.V. Tennyson, RAF/852023 SGT Walker G.W.J. Bombload:- (Same as 'D').		1154	1652	Bombing Attack On " SAARBRUCKEN M/Y A/P 'A' " (Cont'd) " Y " SUPPORTER:- Excellent visibility and identified Aiming Point visually. Bombed at 1456 hours from 17,000 feet on Aiming Point. Visually identified marshalling yard and aiming point. Bombed and saw own bombs straddle Aiming Point. Rear Gunner saw Red T.I.s fall at 1457 hours and they appeared to fall on own bomb bursts. Very little other bombing seen. On run out heard Master Bomber say "Bomb Green T.I.s 300 yards short". Aircraft landed base.	A-5
	"U" PB 650	J.5549 F/L Payne H.L., J.38343 F/O H. Novak, J.28933 F/O McKay D.G., R.197271 F/S Bruggeman J., R.269109 F/S Cunliffe B.R., R.270329 SGT Smith N.L.L., RAF/1337884 SGT Marshall H.M. J.88574 F/O Miller A.B. Bombload:- (Same as 'D').		1156	1639	" U " SUPPORTER:- Clear visibility with very slight ground haze. Bombed at 1500:30 hours from 18,000 feet on Aiming Point. Easily identified Aiming Point from distance. On arrival, some smoke obscured ground details. Most of bombing appeared to Southeast and East of Aiming Point. Red T.I.s were slightly Southeast of Aiming Point. Aircraft landed base.	
Jan. 14/15 1945.	"U" PB 650	J.24254 F/L Kettlewell T.W., J.25054 F/L Martin W.F., J.90339 F/O Shopland R.W., J.27791 F/O Nairn T.J., J.18644 F/O Faulkes P., J.19499 F/O Patterson E.J., RAF/1800584 F/S Kiff A.E.S., J.19402 F/L Wilson G.E. Bombload:- 4 x 250 Ord. T.I. Red., 2 x 250 L.B. T.I. Red, 1 x 4,000 HC Minol, 4 x 500 ANM 64 TD .025, 3 x 500 MC TD .025, 1 x 500 GP LD.		1958	0255	Bombing Attack On " MERSEBURG " 7 A/C Detailed (Night) " U " VISUAL CENTRE:- 8/10 low stratus cloud. Bombed at 2359:42 hours from 17,000 feet on concentration of 3 sky-markers with 3 green T.I. glowing immediately below on cloud, as instructed by Master Bomber. Master Bomber said "Bomb sky-markers" just before own bombing. Saw 3 sky-markers in concentration with 3 Green T.I.s which cascaded immediately below sky-markers and showed as glows on cloud. 1 x 4,000 hung up and bombed Saalfeld (50:38 N. 11.22 E.) which was identified visually on homeward route. Some early bombs seen 15 miles short of target but remainder in target area. 6 T.I. Red brought back as instructed by Master Bomber. Aircraft landed at Exeter.	A-6
	"M" PB 402	J.89628 F/O Maxwell R.B., "C.G.M." J.29856 F/O Laidlaw N.S., J.89617 F/O Cathren H.W., J.89709 F/O Feasby J.G. R.224452 F/S Allan D., J.89636 F/O Chisholm E.D., RAF/543144 F/S Jones H. Bombload:- 10 x No. 3 C.P. 'B', 4 x 1,000 MC TD .025.		1954	0235	" M " BLIND ILLUMINATOR:- Ground haze with bad visibility. Bombed at 2353:56 hours from 18,000 feet by H2S. At 2351 hours, Red T.I.s sort of dripped. Saw several glow, yellowish white through haze in target area. Green T.I.s at 2353 hours. Master Bomber jammed whole time. Marconi too. Three or four Wanganui very close. Red dripping Green at 0018 hours about 70 miles South of target. Hung for a long time. Much bombing seen. Seemed fairly concentrated. One big explosion at 0018 hours on ground in target area. 10 x No. 3 C.P. brought back because no use because of haze. Aircraft landed back to base.	

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APPENDIX ..... A.F. FORM 541.

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By No. 405 (R.C.A.F.) Squadron (P.F.F.).

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For the Month of January, 1945.

*15313—9511) WL 28722—2156 75M 10/44 T.S. 700

Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References.
Jan. 14/15, 1945.	Lancaster III 'B' NB 916	J.3202 S/L Neilly L.G., DFC, J.28917 F/O Ferguson R.M., J.20667 F/L Windt H.G., RAF/1390619 F/S Finlay D.D., J.35651 F/O Legros C.B., J.89665 P/O MacNair K.A.C., RAF/184401 P/O Warne A. Bombload:- (Same as 'M').		1954	0227	Bombing Attack On " MERSEBURG " (Continued) " B " BLIND ILLUMINATOR:- 10/10 cloud, tops 1,000 feet. Bombed at 2354:18 hours from 18,000 feet and dropped flares at 2354:54 hours from 18,000 feet by H2S. No fires seen from previous raid. Four or five searchlights ineffective. At 2348:15 hours, one Red T.I. cascaded to North of track. At 2355:06 hours, Green cascaded and main marking fell shortly after. Illuminating flares scattered over 10 miles. Wind increased 30 knots on way to 05.50 E. from Reading. Aircraft landed base.	A-6
	'H' PB 513	J.86652 F/O McIntyre H.B., J.35749 F/O Mahler L.H., J.92757 P/O A.L.J. St. Pierre, J.92566 P/O Stone T.A., RAF/653002 W/O Price W., R.147033 F/S Fostey A.M., RAF/2211605 F/S Hilton E. Bombload:- (Same as 'M').		1955	0256	" H " BLIND ILLUMINATOR:- 10/10 cloud, tops 4 to 5,000 feet. Bombed at 2354.2 hours from 18,6000 feet by H2S. On run in, some bombing seen but no markers or flares. Started dropping own flares and others seen falling. Stopped dropping flares because there was too much cloud. Three lots of Sky Markers seen, two together and one undershoot of one miles Only glow of bombs seen. 3 x No. 3 CP. 'B' brought back because there was too much cloud. Aircraft landed at Exeter.	
	'E' PA 982	J.27858 F/L Friedman L.A., J.28216 F/O Robertson J.D., J.90218 P/O S.D. Smith, R.186182 F/S Benton D.D., J.18859 F/O Dill R., RAF/1586104 W/O Proctor S.J., DFM, RAF/1880196 F/S Presce P.S.V. Bombload:- 2 x 250 Grd. T.I. Green, 2 x 250 L.B. T.I. Green, 1 x No. 1 CP Red/Yellow Stars Cap. 6, 1 x 4,000 HC Mixel, 1 x 500 GP LD, 7 x 500 MC TD .025.		1957	0255	" E " BLIND MARKER:- Thick haze with fair visibility. Bombed at 2358:54 hours from 18,000 feet by H2S. At 2355 hours, saw flares cascading, disappeared quickly in haze. Bombed on H2S at 2358:54 hours and heard Master Bomber call "Bomb Sky Markers". At 2359 hours, a large explosion seen in target area. Port inner engine u/s on return and aircraft diverted to Exeter.	
	'A' PB 682	J.19726 F/L McDonald J.W., J.14669 F/L House K.G., J.27588 F/O Whetter R.J.C., J.92432 P/O Lea C.N., R.173351 F/S Egan J.C., J.22104 F/O Crowe C.N., RAF/2201790 SGT Burgess J. Bombload:- (Same as 'E').		1956	0231	" A " BLIND MARKER:- Low strato or haze, thin, with good visibility. Bombed at 2359:48 hours from 18,000 feet by H2S. At 2353:30 hours, illuminating flares went down. No ground detail identifiable. At 2356:12 hours, Green T.I. went down. These fell to starboard about 400 yards. Three wanganui fell immediately well concentrated. Ran up on them. Marking seemed well concentrated. Some dummy Reds went down far to port. Colour good but not cascading as well as ours. Little bombing seen. Only flashes seen through the mist. Well concentrated in the centre. The dummies were not bombed. 1 x No. 1 CP Red/Yellow Stars brought back owing to T.I. seen through cloud. Aircraft landed base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan.14/15 1945.	Lancaster III 'G' PB 451	J.13468 F/L Ellison T., J.24697 F/L Charley W.A., J.26648 F/O McKinnon D. RAF/187245 F/O Henderson R.G., J.92666 F/O Stowe R.S., J.92665 F/O Stevens F.A., RAF/1825274 SGT McFall A. Bombload:- 2 x 250 T.L. Green Ord., 2 x 250 T.L. Green L.B., 1 x No. 1 CP Red/Yellow Stars Cap. 6, 1 x 4,000 HC Minol, 8 x 500 MC TD .025.		2026	0246	Bombing Attack On " MERSEBURG " (Continued) " G " BLIND MARKER:- 10/10 cloud, tops 1,000 feet with base above. Bombed at 2356:36 hours from 18,000 feet on glow of fires from previous raid. Nothing seen on arrival except glow of fires from previous raid. Bombed glow and sky marker fell alongside starboard wing. Three sky markers fell near together at 2358 hours approximately. Bombing was very scattered. Weather was clear to within 40 miles of target. Deputy Master Bomber heard to make two attempts to mark and Master Bomber ordered bomb wanganui flares. 1 x 4,000 HC Minol, 4 x T.L. Green, and 1 x No. 1 CP Red/Yellow Stars jettisoned 50.50 N. 11.50 E. at 2307 hours from 17,500 feet. "Cookie" selected to jettison and T.L.s fell. Jettisoned "cookie" owing to hang up. Aircraft landed base.	A-6
Jan. 16/17, 1945.						Bombing Attack On " ZEITZ " (Synthetic Oil Plant) 9 Aircraft Detailed. (Night Attack)	A-7
	'X' MD 912	J.89628 F/O Maxwell R.B., "G.G.M.", J.29856 F/O Laidlaw M.S., J.89617 F/O Cathrea H.W., J.89709 F/O Feasby J.G. R.224452 F/S Allan D., J.89636 F/O Chisholm E.D., RAF/543144 F/S Jones H. Bombload:- 10 x No. 3 CP 'B', 3 x 1,000 MC (M.2) .025.		1815	0055	" X " BLIND ILLUMINATOR:- Clear visibility. Bombed at 2211 hours from 18,000 feet on oil plant which was identified visually. Other flares down on arrival. Visually identified the works and Red/Green T.L.s were down on the target. Master Bomber asked for more illuminator flares, so we dropped ours. On leaving, heard Master Bomber direct bombing on cascading Red T.L.s. Saw two oil wells blow up and continuous explosions seen for approximately ½ hour after leaving. Aircraft landed base.	
	'Q' PB 233	J.86652 F/O McIntyre H.B., J.35749 F/O Mahler L.H., J.92757 F/O A.L.J. St. Pierre, J.92566 F/O Stone T.A., RAF/653002 W/O Price W., R.147033 F/S Fostey A.M., RAF/2211605 F/S Hilton E. Bombload:- (Same as 'X').		1822	0106	" Q " BLIND ILLUMINATOR:- Clear visibility. Bombed at 2209:12 hours from 18,500 feet between two strings of illuminator flares. H2S u/s. Two lots of illuminator flares went down, first at 2206 hours. Dropped own flares between and at 2209 hours, Red/Green T.L.s cascaded. These fell on plant which was visually identified. Too early to assess results of raid but 2 or 3 big explosions seen on leaving. Aircraft landed base.	
	'A' PB 682	J.19726 F/L McDonald J.W., J.14669 F/L House K.G., J.27588 F/O Whetter R.J.C., J.92432 F/O Lea C.N., R.173351 F/S Egan J.C., J.22104 F/O Crowe C.N. RAF/2201790 SGT Burgess J. Bombload:- 2 x 250 Green T.L. 2 x 250 Green T.L. (LB), 1 x No. 1 CP Red/Green Stars Cap. 6, 5 x 1,000 ANM .65 TD .025, 2 x 500 MC TD .025.		1823	0051	" A " BLIND MARKER:- Clear with perfect visibility. Bombed at 2213.9 hours from 18,000 feet on Master Bomber's instructions "300 yards undershoot of Red/Green T.L.s on ground". At 2206.5 hours, illuminator flares fell and at 2207.5 hours first Green T.L. went down. At 2209 hours, Red/Green T.L.s cascaded. Target visually identified. One big chimney stood out. Red/Green T.L.s were on the target and at 2210 hours Master Bomber said "Bomb with 300 yards undershoot of Red/Greens". Retained own T.L.s and more Red/Greens fell. Many big explosions seen and consider target was successfully attacked. Target seen burning and exploding from good distance away. 1 x No. 1 CP Red/Green Stars and 4 x 250 Green T.L. brought back. Aircraft hit by flak at 18,000 feet over Zeitz at 2213 hours. Aircraft landed base.	

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By No. 405 R.C.A.F. Squadron (P.F.F.).

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DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 16/17, 1945.	Lancaster III					Bombing Attack On " ZEITZ " (Synthetic Oil Plant) (Cont'd)	A-7
	"E" PA 982	J.27859 F/L Friedman L.A., J28216 F/O Robertson J.D., J.90218 F/O Smith S.D. R.186182 F/S Benton I.D., J.18859 F/O Dill R., RAF/1586104 W/O Proctor S.J. DFM, RAF/1880196 F/S Preece P.S.V. Bombload:- (Same as 'A').		1821	0104	" E " BLIND MARKER:- Clear visibility. Bombed at 2213:30 hours from 18,000 feet on Red and Green T.L.s. Picked up railway to South of target and some pieces of river. Target not identified as covered in smoke. Red and Green cascaded approximately four minutes before bombing. No Master bomber's orders heard. T.L.s were very concentrated and bombing was good. At 2214 hours, an explosion yellow, flash, and smoke, seen. 4 x 250 Green T.L. and one wanganui flare brought back, not required. Aircraft landed base.	
	"H" PB 513	J.3202 S/L Neilly L.G., DFC, J.28917 F/O Ferguson R.M., J.20667 F/L Windt H.G., RAF/1390619 F/S Finlay D.D., J.35651 F/O Legros C.B., J.89665 F/O MacNair K.A.C., RAF/184401 F/O Warne A. Bombload:- (Same as 'A').		1820	0101	" H " BLIND MARKER:- Clear visibility. Bombed at 2213:58 hours from 18,500 feet 300 yards undershoot of Red and Green T.L.s as instructed by Master Bomber. Arriving, one stray Green T.L. fell. At 2206:30 hours, Illuminator Flares. At 2207:48 hours, Green undershot target by 500 yards. At 2208:30 hours Red/Green T.L. on Aiming Point. Master Bomber's orders were: 1st "disregard stray Green". 2nd, "Bomb 300 yards short of Red/Green T.L.". 3rd "Bomb short of Red/Green in smoke". Some stray Reds to West of Red/Green T.L.s. ~~[illegible]~~ Railway to South of target seen. Snow on ground and town seen. One stick of illuminator flares fell over target. One good ~~[illegible]~~ explosion seen at 2217:30 hours. Four x T.L. Green and one Wanganui brought back. Aircraft landed base.	
	"U" PB 650	J.24254 F/L Kettlewell T.W., J.25054 F/L Martin W.F., J.90339 F/O Shopland R.W., J.27791 F/O Nairn T.J., J.18644 F/O Faulkes P., J.19499 F/O Patterson E.J., RAF/1800584 F/S Kiff A.E.S., J.19402 F/L Wilson G.E. Bombload:- 1 x 1,000 Red T.L., 1 x 1,000 Green T.L., 2 x 1,000 Red T.L. (L.B.), 2 x 1,000 Green T.L. (L.B.), 4 x 500 MC TD .025.		1818	0118	" U " PRIMARY VISUAL MARKER:- Clear visibility. Bombed at 2220:18 hours from 18,000 feet on Aiming Point which was visually identified. Arrived at 2210:30 hours after map reading in to target. Illuminators fell ahead and small village S/E of target stood out in snow. Did four orbits including dummy run, T.L. run, and another orbit. Quarry identified and town of Zeitz and River. Illuminator flares were good. First Primary Visual Marker was on target (Deputy Master Bomber) on his T.L.s gave 300 yards undershoot. Another lot of Red/Green T.L.s were dropped on Aiming Point and ordered to bomb them. Own dropped short of smoke and gave 6 second overshoot on these. At the end of the raid, at 2224 hours, Reds fell on target. Told Main Force to overshoot ~~Ex~~ smoke and bomb Reds. Smoke was stationery. Excellent bombing and a very successful raid. Explosion at 2228 hours in target area. Aircraft returned to base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan. 16/17 1945.	Lancaster III					Bombing Attack On " ZEITZ " (Synthetic Oil Plant) (Cont'd)	A-7
	"W" PB 530	J.25956 F/L McNaughton D.A., J.27491 F/O Small L.V.J., J.28504 F/O Gray G. RAF/1152027 W/O Thom A.L., J.88097 P/O Harper K.A.T., J.88072 P/O Hunt P.F., RAF/55904 P/O Forsdyke R.A., J.28892 F/O Gilbert G.L. Bombload:- (Same as 'U').		1819	0111	" W " PRIMARY VISUAL MARKER:- Bombed at 2209:48 hours from 16,000 feet on Aiming Point ~~xxxx~~ which was identified visually. Illuminator flares down on arrival. One set of Green T.L.s were down 3 to 6 miles short of target. Works clearly identified. Master Bomber gave "Basement, Flight Plan" at 2200 hours. At 2208 hours, Master Bomber said "Disregard T.L.s (think these were the Greens)". Ran over and dropped own Red/Greens on target and told Master Bomber "Target marked". Saw them fall on centre of plant. Master Bomber said "Undershoot Red/Greens by 300 yards. At 2214 hours, Master Bomber said "Bomb Red/Green in the centre of smoke". Bombing was good and lovely explosions at 2213, 2213:30, 2215.2 and 2217 hours. Aircraft returned to base.	
	"Y" PB 282	J.26095 F/L Whittall H.R., J.28913 F/L Fultz J.G., J.28487 F/O McConnell W.A.S., RAF/171477 F/L Langley D.J., DFM, R.224492 F/S Roach P.G., J.92664 P/O Spearing C.A., C.87319 P/O Simpson J.W., J.17272 F/O Naylor W.K., DFC. Bombload:- 4 x 250 Red T.L., 2 x 250 Red T.L. (L.B.), 6 x 1,000 AMM 59 TD .025.		1824	0110	" Y " VISUAL CENTRER:- Fog and low stratus cloud 6/10. Bombed at 2215:48 hours from 18,000 feet on Master Bomber's instructions, on 3 lots of Illuminator flares seen 4 to 5 minutes before bombing. A few explosions seen on target which was visually identified. Red/Green T.L.s seen cascading. Master Bomber said "Bomb short of Red/Green". Second lot of Red/Green fell. Master Bomber said "Ignore first lot and bomb centre of Red/Green" and changed to "Bomb centre of smoke". Further Red/Green T.L.s fell and he said "Bomb centre of Red/Green". Other bomb flashes hid our own T.L.s. Many big explosions and one particularly large one at 2218 hours with smoke and flames rising to 2,000 feet. Bombing was good. Aircraft returned to base.	
	"M" PB 402	J.5549 F/L Payne H.L., J.38343 F/O Novak H.E., J.28933 F/O McKay D.G., R.197271 F/S Bruggeman J.A., R269109 F/S Cunliffe B.R., R.270329 [illegible] Smith N.L.L., RAF/133788 SGT Marshall H. J.88574 P/O Miller A.B. Bombload:- (Same as "Y").		1823	MISSING	" M " VISUAL CENTRER:- This aircraft failed to return from this operation and nothing has been heard from any member of the crew since time of take-off. This was Flight Lieutenant Payne's 16th operations.	
Jan. 16/17 1945.	"V" PB 653	J.10122 F/L Vann G.C.J., J.20708 F/L Spencler R.A., J.28237 F/O Gouchey H. RAF/170984 F/O Bevan B., J.17466 F/L Stevens L.C., DFM, R.220282 F/S C.M. Robinson, RAF/1895963 F/S Church J. J.18194 F/O Walter L.J. Bombload:- 4 x 250 Red T.L., 2 x 250 Red T.L. (L.B.) 1 x 4,000 HC Minol, 9 x 500 MC TD .025.		1840	0020	Bombing Attack On " MAGDEBURG " 7 A/C Detailed (Night)	A-8
						" V " VISUAL CENTRER:- Clear with good visibility. Bombed at 2145:36 hours from 18,000 feet and overshot Red T.L.s on ground as instructed by Master Bomber. Vague glimpse of town seen through bomb flashes. Nice concentration of flares down on run in. At 2136:30 hours, Red T.L.s cascaded followed by Red/Green T.L.s. At 2141 hours, Master Bomber said "Bomb centre of Reds" and changed to "Overshoot Reds". Saw Reds building up towards River as markers carried out Master Bomber's instructions. Think own Reds fell short of River on Western side. Bombing spread towards River as attack progressed. 2 x 500 MC TD .025 jettisoned at position 52.33 N. 08.20 E. at 2228 hours from 19,0000 feet owing to hang up. Aircraft returned to base.	

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*15323—9511) Wt. 28722—2156 75M 10/44 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan.16/17, 1945.	Lancaster III					Bombing Attack On " MAGEDEBURG " (Continued)	A-8
	'D' PA 965	J.85239 F/O Larson L.E., J.89907 P/O Hobbs G., J.89486 P/O Bolen J.E., J.89752 P/O Van Metre R.B., RAF/1550317 W/O Robb H., RAF/1321011 W/O R.W. Hainsworth, LEM, RAF/1894729 SGT Potter M.A. Bombload:- 10 x No. 3 CP 'B', 4 x 1,000 MC TD .025.		1834	0037	" D " BLIND ILLUMINATOR:- Clear with good visibility. Bombed at 2135:24 hours from 18,000 feet by H2S. Quite a lot of illuminator flares down on arrival, combined with fires which lit up town clearly identified. Early bombing seemed to be North of town. Red/Green T.L.s were down and one cluster of each overlapping, lying in the centre of town. Dropped blindly and heard Master Bomber say "Bomb centre of Red T.L.s", and later marking concentrated and bombing was good. Many incendiary fires seen all over town but church seen untouched. 1 x No. 3 CP 'B' brought back which hung up. Aircraft landed base.	
	'C' PB 183	J.10991 F/L Dailey T.D., J.39401 F/O Campbell H.E., J.38669 F/O Ayres G.W. J.43082 F/O Faucher A.E., R.273796 F/S Hastings G.G., R.220336 F/S G.V. Tennyson, RAF/852023 SGT Walker G.W. Bombload:- (Same as 'D').		1835	0029	" C " BLIND ILLUMINATOR:- Clear visibility. Bombed at 2136:24 hours from 18,000 feet on Aiming Point which was identified visually. H2S was u/s. Visually identified river, island and built-up area. Illuminator flares were scattered over 5 to 10 miles. One Red T.L. fell at 2137:30 hours between station and river where river bends furthest East. Bombing covered whole of city. Aircraft returned to base.	
	'P' NE 119	J.26053 F/O Laing L.N., J.35906 F/O Bonter L.W., J.35778 F/O Smith D.G. J.40210 F/O Hyde R.M., R.266317 F/S Marsh F.J., R.217630 F/S Crisp J.R. RAF/3020201 SGT Morris B. Bombload:- (Same as 'D').		1836	0034	" P " BLIND ILLUMINATOR:- Ground haze. Bombed at 2136.3 hours from 18,000 feet on Aiming Point which was visually identified. H2S u/s. Waited for other illuminator flares to fall which did so at 2135 hours. In light of these, visually identified whole of town. Dropped own load and Red T.L.s and Red/Green seen cascading and they appeared to fall on the Aiming Point. Heard Master Bomber say "Bomb centre of Red/Green T.L.s." On leaving, other Red T.L.s cascaded and these were undershooting previous marking. Early bombing undershot but attack developed successfully. Aircraft landed base.	
	'G' PB 451	J.13468 F/L Ellison T., J.24697 F/L Charley W.A., J.26648 F/O McKinnon D. RAF/187245 P/O Henderson R.G., J.92666 P/O Stowe R.S., J.92665 P/O Stevens F.A., RAF/1825274 SGT McFall A. Bombload:- 2 x 250 Green T.L., 2 x 250 Green T.L. (LB). 1 x No. 1 CP Red/Green Stars Cap. 6, 5 x No. 3 CP 'B', 4 x 1,000 MC TD.025.		1839	0026	" G " BLIND MARKER:- Clear visibility. Bombed at 2140:12 hours from 18,000 feet on centre of Red on ground as instructed by Master Bomber. Arrived on time and bombed late as H2S was u/s. Saw Red T.L.s were down near Aiming Point and some Red T.L.s were on West bank across river from Aiming Point. Lots of incendiaries to North of Aiming Point and a little short of Aiming Point on town near railway station to East of town. Master Bomber ordered overshoot Reds by two seconds at 2144 hours approximately. Bombing was concentrated. Whole town seemed covered. A good raid. 1 x No. 1 CP Red/Green Stars, 2 x 250 T.L. Green and 2 x 250 T.L. Green (LB) brought back owing to H2S u/s. Aircraft returned to base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan.16/17 1945.	Lancaster III					Bombing Attack On " MAGDEBURG " (Continued)	A-8
	'J' ME 304	J.29080 F/O Cormier P.J., J.36833 F/O Steer R.E., R.158333 F/S Allan W.E., J.88588 F/O Brearley J.E., R.198884 F/S Gray J.G., R.178879 F/O Stroich M. RAF/1895640 SGT Kanka S.E., Bombload:- (Same as 'G').		1837	0042	" J " BLIND MARKER:- Clear visibility. Bombed at 2139:06 hours from 18,500 feet by H2S. At target at 2134 hours, flares fell and more flares at 2135:30 hours. At 2137:30 hours, Red/Green T.L.s fell. Three sky markers Red/Green Stars fell at 2137 hours approximately. Two details identified. River bends and built up area. Red and Greens on West Bank of river near Aiming Point. Some Green T.L.s on West bank in town to North of Aiming Point. Mixed Red and Green T.L.s between railway station and river. Bombing good. Excellent raid. 4 x T.L. Green and one Wanganui flare brought back not required. Aircraft landed base.	
	'B' ND 916	J.10982 W/C Rawson B.F.M., DFC, J.8600 S/L Pennington J., RAF/148838 F/L Cousins F., DFC, R.184353 W/O J.C. Burns, J.87964 F/O Ewing F.H., J.18617 F/O Crosby H.F., RAF/185807 F/O H.R. Oldland. Bombload:- 3 x 2,000 HC N/L, 1 x No. 1 CP Red/Green Stars Cap. 6.		1841	0044	" B " BLIND SKY MARKER:- Clear with good visibility. Bombed at 2144:42 hours from 18,000 feet on one Red T.L. which cascaded on run up and Master Bomber ordered to bomb it. Arriving Red/Green salvoes of T.L. seen in very good concentration. Master Bomber ordered bomb salvoes of Red/Green T.L.s. One Red fell on run up and Master Bomber said "Bomb Red T.L. now cascaded". Well concentrated. No ground detail seen at target. 1 x No. 1 CP Red/Green Stars brought back, not required. Aircraft landed base.	
Jan.22/45.						Bombing Attack On " DUISBURG " 13 A/C Detailed. (Night)	A-9
	'K' ME 315	C.1639 S/L Mussells C.H., RAF/188493 F/O Tempest E.L., RAF/188718 F/O P. Young, RAF/158120 F/O Woolams P.J., J.86847 F/O Dale R.T., J.18414 F/O Mellstrom M.L., RAF/185424 F/O Ryan C. RAF/154601 F/O Dooley J.P. Bombload:- 4 x 250 Green T.L. 'A', 2 x 250 LB T.L. Green 'A', 1 x 4,000 HC Minol N/L, 6 x 500 MC TD .025, 4 x 500 ANM 64 TD .025.		1750	2133	" K " VISUAL CENTRER:- Clear with very good visibility. Bombed at 2005:54 hours from 17,000 feet on centre of group of Red and Green T.L.s. T.L.s fell at — Red at 1955, 1956 and 1957, Green at 1958, Red at 2000, Green at 2001 hours. Red seen in distance on approach and River Rhine bends identified. Very clear except Aiming Point area which was partly obscured by smoke except South end. Reds at first appeared spread length of factory but Greens centred near Aiming Point. No bombing results seen. 1 T.L. Green brought back which hung up. Aircraft landed base.	
	'D' PA 965	J.27527 F/O Begg G.H.K, J.38787 F/O McDavid B.S., J.38255 F/O Le Sergent M.W., R.122792 W/O Brown G.P., R.201403 F/S Angus A.P., R.189308 F/S Schindell W.L., RAF/1592445 SGT E.A. Jackson, J.86011 F/O Mooney H.G. Bombload:- 5 x 2,000 HC N/L, 1 x 1,000 MC TD .025.		1744	2158	" D " SUPPORTER:- Clear with very good visibility. Bombed at 1959 hours from 18,000 feet on built-up area and Western edge of Red T.L. First T.L. Red at 1957 hours. Second Reds at 1958 hours. Greens at 1958:30 hours. Green T.L.s appeared well placed with Reds slightly scattered. Bombing well concentrated with much smoke. Two large explosions noted, first at 2005 and second at 2007 hours. One Red T.L. about 2½ miles South of target. Aircraft landed base.	

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*13383—9311) WL 28722—2156 75M 10/44 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 22, 1945.	Lancaster III					Bombing Attack On " DUISBURG " (Continued)	A-9
	'G' PB 451	J.13468 F/L Ellison T., J.24697 F/L Charley W.A., J.26648 F/O McKinnon D. RAF/187245 P/O Henderson R.G., J.92666 P/O Stowe R.S., J.92665 P/O Stevens F. RAF/1825274 SGT McFall A. Bombload:- 5 x 2,000 HC N/L, 1 x No. 1 CP Red/Green Stars Cap. 4.		1747	2123	" G " BLIND SKY MARKER:- Nil cloud with good visibility. Bombed at 1959:30 hours from 17,000 feet on Red T.L.s and two chimney stacks. Red and Green T.L.s well strung in a straight line across target. First Red T.L.s at 1956 hours and second Red at 1957 hours followed by Green at 1958:30 hours. Two smoke stacks silhouetted on Red T.L.s. Good concentration on first Red T.L. and Green on port side of target. Two large explosions observed at 2002 hours. Many bursts on target. One Red T.L. 2,000 yards off to starboard. 1 x No. 1 C.P. Red/Green Stars brought back not required. Aircraft landed base.	
	'J' MB 304	J.28134 F/O Hartley J.R., J.29329 F/O Dennis J.E., J.29700 F/O Knox-Leet E. R187543 F/S Chevalier H.C., J.88289 P/O Bluethner P.D., R.188286 W/O A.J. Williams, RAF/1836540 SGT Williams W. J.19097 W/O McKenzie A.A. Bombload:- (Same as 'K').		1753	2138	" J " VISUAL CENTRER:- Clear with slight haze. Bombed at 2005:12 hours from 18,000 feet on Red and Green T.L. near Aiming Point. First Red at 1955 hours on target. Three Reds fell across target area N/S axis stretching 3 to 4 miles on the target. These were burned out and one Green T.L. and one Red T.L. were bombed midway between previous oboe markers. Own Green T.L. fell over target area. One wild Red T.L. on dock area but was not bombed. Bombing was concentrated amid smoke. Aircraft returned to base.	
	'H' PB 513	J.27719 F/O Kyte M.S., C.3681 F/L W. Irvin, J.29669 F/O Fallon F.C., J.87445 P/O Welch J.A., J.87810 P/O Hubley B.F., J.87870 P/O Campbell W. RAF/1891456 SGT King W.A. Bombload:- (Same as 'G').		1754	2146	" H " BLIND SKY MARKER:- Slight haze with good visibility. Bombed at 2008:30 hours from 18,000 feet on Red T.L.s. First T.L. Red at 1953 hours. Second Red at 1956 hours followed by Green at 1957 hours. Marking was well concentrated as well as bombing. One Red T.L. approximately two miles to starboard. 1 x No. 1 C.P. Red/Green Stars brought back, not required. Aircraft landed base.	
	'A' PB 682	J.3202 S/L Neilly L.G., DFC, J.28917 F/O Ferguson R.M., DFC, J.20667 F/L Windt H.G., RAF/1390619 F/S Finlay D. J.88665 P/O M ac Nair T.A.C., J.35651 F/O Legros C.B., RAF/184401 P/O Warne A. Bombload:- (Same as 'G').		1751	2129	" A " BLIND SKY MARKER:- Clear with excellent visibility. Bombed at 2003:02 hours from 18,500 feet between Green T.L. and Red T.L., believed on Aiming Point. At 1955:29 hours Red T.L. Red at 1957:16. Green at 1959:45. Green at 2004:50. Green at 2007. Saw river and bridge and target area where one Red and one Green were near Aiming Point. Bombed between Red and Green T.L. Well concentrated attack. No results seen. 1 x No. 1 C.P. Red/Green brought back, not required. Aircraft landed base.	
	'W' PB 530	C.795 S/L Marcou H.F., AFC, RAF/163031 F/O Downey T.W., RAF/165241 F/O Smoker B.G., RAF/146608 F/O Wockins A.D., J.85482 F/O Ross J.T., J.13388 F/L W. Hamblin, DFC, RAF/170881 F/O Jowsey W. DFC, NZ/429800 F/O Noice R.C. Bombload:- 4 x 250 T.L. Green 'A', 2 x 250 L.B. T.L. Green 'A', 1 x 4,000 HC Minol N/L, 8 x 500 MC TD.025, 2 x 500 ANM .64 TD .025.		1749	2136	" W " VISUAL CENTRER:- Clear with good visibility. Bombed at 2002:24 hours from 18,000 feet. Used sighting head on Red T.L.s because bombsight was u/s. River seen and first Red T.L. fell at 1955 and 1957 and Green at 1958 hours. Aiming Point identified before bombing started with snow on ground. Bombing obscured the target area. No bombing results seen. 6 T.L. Green brought back because bombsight was u/s. Aircraft landed base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan.22, 1945.	Lancaster III 'E' PA 982	J.28735 F/O Lindsay J.B., J.38771 F/O McLean W.G., J.26541 F/O McKinlay J. J.93015 F/O Smith W.G., R.261914 F/S Cameron J.R., J.93070 F/O Patterson P. RAF/188675 F/O Horner H. Bombload:- (Same as 'D').		1746	2152	Bombing Attack On " DUISBURG " (Continued) " E " SUPPORTER:- Clear with very good visibility. Bombed at 1959:24 hours from 18,500 feet on Red T.I. seen on target at 1959 hours. At 1950:30 hours, Red T.I.s seen cascading. Green T.I. seen on ground at the time. Red T.I. was on target but Green T.I. overshot by 500 yards. Bomb bursts seen in target area. Bombing was very concentrated. Successful raid. One or two bursts of red tracer were seen. At position 51.31 N. 06.10 E. at 2014 hours, saw what appeared to be 6 bomb bursts followed by one large explosion. Aircraft landed base.	A-9
	'V' PB 653	J.10122 F/L Vann G.C.J., J.20708 F/L Spencler R.A., J.28237 F/O Gouchey H. RAF/170984 F/O Bevan B., J.17466 F/L Stevens L.C., DFM, R.220282 F/S C.M. Robinson, RAF/1895963 F/S Church J., J.18194 F/O Walter L.J. Bombload:- 4 x 250 T.I. Green 'A', 2 x 250 L.B. T.I. Green 'A', 1 x 4,000 HC Minol N/I, 4 x 500 MC TD.025, 6 x 500 ANM .64 TD .025.		1745	2131	" V " VISUAL CENTRER:- Clear with very good visibility. Bombed at 1958:54 hours from 18,000 feet on Red T.I.s on ground. At 1955 hours, first Red T.I.s cascading. Well concentrated on the target. T.I. dropped overshooting Reds by about 500 yards. Bomb bursts in target area among T.I. Reds. A very good raid and a few bombs as we left target seemed to drop on west river bank. Large explosion seen in target area at 2018 hours (red-orange). Aircraft landed base.	
	'M' NG 437	J.88878 F/O Forsberg W.G., DFC, J.21185 F/L Mertz A.H., RAF/183198 F/O King D.E., DFC, RAF/158800 F/O Hannaford R. R.164509 F/S MacKinnon A., RAF/170579 F/O Heames L.L.C., RAF/1583461 F/S Meadows T.H.J., DFM. Bombload:- (Same as 'G').		1748	2141	" M " BLIND SKY MARKER:- Clear with very good visibility. Bombed at 2005:00 hours from 18,000 feet on Red T.I.s and Green T.I.s. Bombed centre. Bombing checked on Gee. At approximately 1950 hours, Red T.I.s. Five Reds down and One Green. One Red T.I. approximately 2 miles South of target. Bombing was well concentrated with a few undershoots. A successful effort. Smoke was covering T.I.s as we left target. 1 x 2,000 HC jettisoned at position 51.37 N. 06.46 E. at 2007 hours from 18,000 feet owing to hang up. H2S u/s. Station 42 bomb release failed to function. Aircraft landed base.	
	'P' NE 119	J.26053 F/O Laing L.N., J.35906 F/O Bonter L.W., J.35778 F/O Smith D.C., J.40210 F/O Hyde R.M., R.266317 F/S Marsh F.J., R.217650 F/S Crisp J.R., RAF/3020201 SGT Morris R. Bombload:- (Same as 'D').		1742	2154	" P " SUPPORTER:- Clear with good visibility. Bombed at 2008 hours from 18,000 feet on centre of Red and Green T.I.'s. First Red T.I.s seen in distance at 1955 hours. Ran over target and bombs did not go. Did orbit and Red and Green T.I.s at 2004 hours, fell. Greens fell on Reds. Too much smoke to see results. Bombed on second run. Aircraft landed base.	

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OPERATIONS RECORD BOOK

APPENDIX

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 405 R.C.A.F. Squadron (P.F.F.).

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PAGE No. Twenty-Five

FOR THE MONTH OF January, 1945.

*15323—9511) WL 28722—2156 75M 10/44 T.S. 700

DATE	AIRCRAFT TYPE & NUMBER	CREW	DUTY	TIME UP	TIME DOWN	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
Jan. 22, 1945.	Lancaster III					Bombing Attack On " DUISBURG " (Continued)	A-9
	'Q' PB 233	J.86652 F/O McIntyre H.B., J.35749 F/O Mahler L.H., J.92757 F/O A.L.J. St. Pierre, J.92566 F/O Stone T.A., RAF/653002 W/O Price W., R.147033 F/S Foster A.M., RAF/185807 F/O Oldland H. Bombload:- (Same as "Q").		1752	2143	" Q " BLIND SKY MARKER:- Clear visibility. Bombed at 2004:24 hours from 18,500 feet on Green T.I.s (Reds in smoke). At 1955 hours, Red, at 1957 Red, 1958 Green and 1959:24 Green. Three Red T.I.s fell across Aiming Point area. Greens centred Reds. Bombing was well on T.I.s. Smoke obscured ground detail on arrival. No results seen. 1 x No. 1 C.P. Red/Green brought back, not required. Aircraft landed base.	
	'Y' PB 282	J.29801 F/O Cummer F.H., R.193951 F/S Savage E.R., J.38394 F/O Turner W.B., R.213465 F/S Smith G.A., R.212847 F/S Rae J.M., R137987 F/S MacDougall B.A. RAF/1057952 SGT McCabrey W. Bombload:- 5 x 2,000 HC N/I, 1 x 2,000 MC TD .025.		1743	2149	" Y " SUPPORTER:- Clear with good visibility. Bombed at 1959:50 hours from 19,000 feet on Green T.I.s. Red T.I. seemed to be in a line across target from North to South with Green T.I.s in centre of Reds. First Red at 1956 hours, second Red at 1957 hours, followed by Green T.I. at 1958 hours. Bombing was well concentrated with thick black smoke rising. Aircraft returned to base.	
Jan. 28/29 1945.						Bombing Attack On " STUTTGART " 11 A/C Detailed (One Missing) (Night Attack)	A-10
	'H' PB 513	J.27719 F/O Kyte M.S., C.3681 F/L W.C. Irvin, J.29669 F/O Fallon F.C., J.87445 F/O Welch J.A., J.87810 F/O Hubley B. J.87870 F/O Campbell W.R., RAF/1891456 SGT King W.A. Bombload:- 18 x 500 MC TD .025.		2028	0218	" H " SUPPORTER:- 10/10 cloud over target with thin cloud at 10,000 feet and visibility hazy. Bombed at 2334:30 hours from 18,000 feet. Running up on Green/Red Wanganui when they went out, so bombed incendiaries on the ground. At 2329 hours over target, no marking seen so orbitted to port. Red T.I. seen at 2330 hours. As orbit completed, GreenR/Red Wanganuis seen and bomb run made on these. The Wanganuis went out just as we came up so we bombed on incendiaries seen through cloud. These were well concentrated (large number). Bomb bursts seen among fires. Green flares seen after leaving target at approximately 2343 hours. "Y" was u/s from take-off. Cloud up to 19,000 feet from 05:11 E. with cirrus cloud above. Headwinds experienced all the way. Aircraft returned to base.	
	'E' PA 982	J.28735 F/O Lindsay J.B., J.38771 F/O McLean W.G., J.26541 F/O McKinlay J.A. J.93015 F/O Smith W.G., J.93024 F/O Cameron J.R., J.93070 F/O Patterson P. RAF/188675 F/O Horner E. Bombload:- (Same as "H").		2026	0235	" E " SUPPORTER:- 7/10 haze, tops 8,000 feet with fair visibility. Bombed at 2338:00 hours from 18,000 feet on one Green T.I. on ground. On first run at 2328:39 hours, no marking was visible, so orbitted and made second run. Two flares Green/Red and one cluster of Green T.I. seen on the ground, surrounded by incendiaries. We bombed the T.I. Many scattered bomb bursts seen. H2S and Gee u/s. Aircraft returned to base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
Jan.28/29 1945.	Lancaster III					Bombing Attack On " STUTTGART " (Continued)	A-10
	'B' ND 916	J.10982 W/C Rawson B.F.N., D.F.C., J.8600 S/L Pennington J., RAF/148838 F/L Cousins F., DFC, R.184353 W/O J. Burns, J.87964 F/O Ewing F.H., DFC, J.18617 F/O Crosby H.F., RAF/185807 F/O Oldland H.R. Bombload:- 16 x 500 MC TD .025, 1 x No. C.P. Red/Green Stars Cap. 6.		2037	0221	" B " BLIND SKY MARKER:- 10/10 very thin cloud at 15,000 feet with good visibility. Bombed at 2342 hours from 18,000 feet in concentration of incendiary fires in built-up area. First over target at 2332 hours but 'Y' was not good enough so did an orbit. Second run made and bombed visually at 2342 hours using concentration of incendiaries as Aiming Point. Red Marker seen after we left target at 2347 hours approximately. 1 No. 1 C.P. Green/Red Stars brought back owing to equipment u/s. 'Y' was not good enough to drop T.L.s. Aircraft returned to base.	
	'D' PA 965	J.27527 F/O Begg G.H.K., J.38787 F/O McDavid D.S., J.38255 F/O Le Sergent M.W., R.122792 W/O Brown G.P., R.201403 F/S Angus A.P., R.183308 F/S Schindell W.K., RAF/1592445 SGT E.A. Jackson, J.86011 F/O Mooney H.C. Bombload:- (Same as 'B').		2027	0216	" D " SUPPORTER:- Thick mist, tops 3 to 4,000 feet with good visibility. Bombed at 2341 hours from 18,000 feet on centre of concentration of fires. On run in at 2329 hours, no marking seen. Made orbit and on second run, two Red Flares and one Red/Yellow flare seen. These had gone out when we arrived, so we bombed centre of concentration of fires. Built-up area North of target clearly seen. Bombing appeared concentrated. Aircraft returned to base.	
	'A' PB 682	J.19726 F/L McDonald J.W., DFC, J.14669 F/L House K.G., J.27588 F/O Whetter R.J.C., J.92432 F/O Lea C.N., R.210040 F/S Pyne D.R., J.22104 F/O Crowe C.N., RAF/2201790 SGT Burgess J. Bombload:- (Same as 'B').		2031	0156	" A " BLIND SKY MARKER:- 10/10 low stratus cloud with good visibility. Bombed at 2329:36 hours from 18,000 feet by G.P.I. run from Heilbron. At 2328:30 hours, we saw orange fires below cloud. These appeared to be two miles North of Aiming Point as given by G.P.I. There was no marking. We retained our markers as it appeared that T.L.s would be clearly seen. First markers were T.L. Red and flares Green/Red seen at approximately 2331 hours. We saw only two other Lancasters, and assume attack opened late owing to stronger winds than forecast. 1 x 500 MC TD .025 hung up, and brought back. 1 Flare Green/Red brought back, not required owing to fires seen from previous raid. Aircraft returned to base.	
	'C' PB 183	J.25776 F/O Dix W.F., J.28916 F/O C. Lindsay, J.20891 F/L Fraser W.M., R.193731 F/S Smith G.B., J.18644 F/O Faulkes P., R.217025 F/S Jarvis J.D., RAF/1894697 F/S Page A.J.A., J.28923 F/O Jackson E.R. Bombload:- 4 x 250 T.L. Green 'A', 2 x 250 L.B. TI Green 'A', 12 x 500 MC TD .025.		2036	0208	" C " VISUAL CENTRE:- 9 to 10/10 thin cloud from 6 to 7,000 feet with hazy visibility. Bombed at 2334:18 hours from 18,000 feet on concentration (centre) of Green/Red flares. At 2330 hours, Red T.I. was cascading followed by Green/Red flares at 2330.5 hours. Bombed on centre of Green/Red flares. Bomb bursts seen through cloud (few). 4 x 250 T.L. Green 'A' and 2 x 250 L.B. T.I. Green brought back. Aircraft landed base.	

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OPERATIONS RECORD BOOK

APPENDIX ..... R.A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

By No. 405 R.C.A.F. Squadron (P.F.F.).

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FOR THE MONTH OF January, 1945.

*15323—9511) Wt. 28722—4156 75M 10/44 T.S. 700

Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References.
Jan. 28/29, 1945.	Lancaster III					Bombing Attack On " STUTTGART " (Continued)	A-10
	'P' NE 119	J.26053 F/L Laing L.N., J.35906 F/O Bonter I.W., J.35778 F/O Smith D.G., J.40210 F/O Hyde R.M., R.266317 F/S Marsh F.J., R.217630 F/S Crisp J.R. RAF/3020201 SGT Morris R. Bombload:- 14 x 500 MC TD .025, 4 x 500 ANM .64 TD .025.		2035	0214	" P " SUPPORTER:- 9 to 10/10 strata cumulus cloud at 7 to 8,000 feet with visibility good between layers. Bombed at 2337 hours from 18,000 feet on centre of bomb bursts on the ground. Built up area seen. At 2330 hours, arrived at target. No markers down nor any evidence of activity on the ground, so orbitted to port. Second run in made at 2337 hours when well concentrated bomb bursts on ground were seen. Large explosions ~~[illegible]~~ seen (red). Three clusters of Wanganui seen at same height as us. Bombed on concentration of bomb bursts on ground. White light seen about 10 miles S/W of target area. First sky markers seen at 2335 hours. Red/Yellow clusters seen at 2337 hours. At 2344 hours, Reds seen but not cascading. Aircraft returned to base.	
	'U' PB 650	J.29601 F/O Cummer F.H., R.193951 F/S Savage E.R., J.38394 F/O Turner W.B. R.213465 F/S Smith G.A., R.221847 F/S Rae J.M., R.137987 F/S MacDougall D. RAF/1057952 SGT McCabrey W. Bombload:- (Same as 'H').		2033	MISSING	" U " SUPPORTER:- This aircraft failed to return from this operation and nothing has been heard from any member of the crew since time of take-off. This was Flying Officer Cummer's 7th operation.	
	'W' PB 530	J.25956 F/L McNaughton D.A., DFC J.27491 F/O Small L.V.J., J.28504 F/O Gray G.H., RAF/1152027 W/O Thom A.L., J.88097 F/O Harper K.A.T., J.88072 F/O Hunt P.F., RAF/55904 F/O Forsdyke R.A., J.28892 F/O Gilbert G.L. Bombload:- (Same as 'C').		2034	0211	" W " VISUAL CENTRER:- 10/10 layer cloud, tops 12 to 15,000 feet with good visibility. Bombed at 2334:30 hours from 18,000 feet on one cluster of Green T.I.s on ground seen through haze. On arrival at 2330:30 hours, two Red T.I.s seen cascading. They were 1½ ~~[illegible]~~ miles away on port beam. Made orbit and on second run up on T.I.s, noticed one cluster of Green T.I.s on ground below haze. We bombed these, retaining our markers. Many scattered bomb bursts seen. 4 T.I. Green and 2 L.B. T.I. Green brought back owing to marking too sparse. Aircraft returned to base.	
	'V' PB 653	J.10122 F/L Vann G.C.J., J.20708 F/L Spencler R.A., J.28237 F/O Gouchey H. RAF/170984 F/O Bevan B., J.17466 F/L L.C. Stevens DFM, R.220282 F/S C.M. Robinson, RAF/1895963 F/S Church J., J.19402 F/L Wilson G.E. Bombload:- (Same as 'C').		2031	0210	" V " VISUAL CENTRER:- 6/10 thin low stratus cloud with fair visibility. Bombed at 2337:05 hours from 18,500 feet on centre of 3 Green/Red flares. At 2328 hours, glow of fires seen below cloud. Passed over target at 2339:27 hours but no marking seen so made an orbit and on second run three Green/Red flares were falling in line East to West. We bombed the central one. Much scattered bombing seen. 4 T.I. Green and 2 L.B. T.I. Green brought back owing to no T.I. marking seen. Aircraft returned to base.	
	'M' NG 437	J.88878 F/O Forsberg W.G., DFC, J.21185 F/L Mertz A.H., RAF/183198 F/O King D.E., DFC, RAF/158800 F/O Hannaford R. J.13388 F/L Hamblin W.D.M., DFC, RAF/170579 F/O Heames L.L.C., RAF/1583461 F/S Meadows T.H.J., DFM. Bombload:- (Same as 'B').		2038	0154	" M " BLIND SKY MARKER:- 10/10 haze with good visibility. Bombed at 2338 hours from 18,000 feet on one Green/Red flare. At 2330:30 hours, one Green/Red flare fell. Below, fires were burning. Many scattered bomb bursts seen. On leaving, another Green/Red flare fell. Gee check made marking N/W of Aiming Point. 1 Flare Green/Red brought back owing to HRS u/s. Aircraft returned to base.	

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Date	Aircraft Type & Number	Crew	Duty	Time Up	Time Down	Details of Sortie or Flight	References
						OPERATIONAL HOURS FOR MONTH OF JANUARY, 1945: 42:51 (Day) 286:14 (Night) 329:05 TOTAL	
						Aircraft Missing for Month of January, 1945 - 1	
						Total Sorties " " " " " 112	
						Non-Operational Hours for Month of January, 1945 182:41 (Day) NIL (Night)	
						W.P.M. Newson	
						(W.P.M. Newson) Group Captain, Commanding, No. 405 (R. C. A. F.) Squadron (P.F.F.)	

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