C8992 F/Lt. J. E. German

OPERATIONS RECORD BOOK

APPENDIX.....



DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

		1		NTH OF December, 19.44.				
DATE	Aircraft Type & Number	CREW	Dury	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.	
			The Control					
2/3 Dec.	Halifax III	Target, all A/C:- "HA	CEN"			Bomb load for each A/C:- 9 x 1000 lbs.	Appendix "A	
		(Captain)					Battle Orde	
2/3 Dec.	Halifax HI	J19626 F/O J.L. Egger	Bombing	17:46	00:23	10/10ths solid cloud, tops 16,000 feet, visibility	No. 196,	
	"A" NR-129					good. Homed on Sec to identify target. Bombed at 21:08,4	attached.	
A]						hours from 17,000 feet, heading 047, speed 165 map.ha, on		
						Gee fix. Glow of bomb explosions seen through clouds.		
						Rough trip due to weather. Concentration of A/C in T/A		
						appeared good.	1	
2/3 Dec.	Halifax III	(Captain) J17446 F/L W.H. Mills	r Bombing	17:43	23154	Bombed at 21:07.5 hours from 17,400 feet, heading		
	"B" LV-967	•				065 degrees. Oil leak. Diverted to Horham.		
		(Captain)					-	
2/3 Dec.	Halifax III	J11319 F/L W.H. Cook	Bombing	17:49		This A/C failed to return from this operation.	-	
	"с" мz-807					J11319 F/L W.H. Cook, - 5 trips, 29:50 hours.	-	
						J39333 F/O J.E. Grant, Navigator - 3 trips, 18:45 hours.		
						J43279 P/O J.B. Pittman, WOP/A.G 3 trips, 18:45 hours.		
						J38422 F/O R.H. Shiells, Air Bomb 3 trips, 18:45 hours.		
					***************************************	R265262 F/S L.A. Mallory, Air Gun 5 trips, 18:45 hours;		
						R.A.F. 3011067 Sgt. Almsworth, R.E., F/E - 3 trips, 18:45	tra.	
						2174210 Sgt. Ash, J.W., Air Gunner, - 3 trips, 18:45 hours		
			A STATE OF THE STA					
2/3 Dec.	Halifax III	(Captain) C20393 F/L R.W. Patter	rson Bombing	17:50	00:07	10/10ths alta du., tops 16,000 feet, fisibility good.		
	"E" MZ-818					Target identified by Gee fix. Bombed at 21:10 hours from		
	312 1021-	\		20		18,000 feet, heading 060, speed 160, on Gee homing. Glow		
				0,000		and flashes seen underneath cloud. Landed at Horham.		
		(19)		8		Uncertain, attack depending on accuracy of navigation aids.		
						Very poor met. conditions, icing bad, fair concentration		
				1	5	of A/C in stream.		

200	AIRCRAFT	1 .	Dury	T	IMOE	DETAILS OF SORTIE OR FLIGHT	REFERENCES
DATE	Type & Number	Crew	DUTY	UP	Down	DETAILS OF SORTIE OR PLIGHT	REFERENCE
/3 Dec.	Halifax III	(Captain) J28618 F/O G.L.D. 0'0	rady B ombing	17:41	00:27	10/10ths cloud, visibility good. Target identified	
	"H" MZ-909					by Gee fix 15 miles from target. Bombed at 21:08.6 hours	
						from 17,000 feet, heading 056T, speed 160, on Gee. Glow	
						of bomb bursts seen. 'A/C that bombed on Gee should be	
						accurate.	
-							
/3 Dec.	Halifax III	(Captain) J16120 F/O N.D. Mara	Bombing	17:47	00:32	· 10/10ths solid cloud, tops 17,000 feet, visibility	
#	"J" 1/Z-905					good. Target identified by H2S and Gee. Bombed at 21:10:6	
				1400		hours from 18,000 feet, heading 060, speed 160, on H2S and	
	-		De la company		Jan 19	Gee fix. Photo flashes were pretty well concentrated in.	mark
				J. 10		one spot so bombing must have been fairly concentrated .	,
						on the area. Difficult to assess. Made an orbit to be	
			200 × 150 112 11	1 100		sure of target. If Gee fix O.K. should be fair blind bomb-	
						ing attack. While on homeward leg the Rear Gunner spotted	
						on ME410 at 700 yards range on port fine quarter up. The	
					×,	enemy A/C then moved to port quarter down and starged to	
			1 0/2 5/3		100	close range. Rear Cunner ordered "Corkscrew Port" and	
						opened fire at 600 yards with short burst. The E/A broke	
			- A		1 10 3	away at 400 yards on starboard quarter down and was not	
			1 4 1			seen again. Rear Gunner does not think he damaged the E/A.	
		7 7				The ME410 did not open fire. No casualties to crew er	
			- 150%			damage to bomber.	y Arres
				1000		3 /- 13 - / -3 /	· c• · · •
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APPENDIX



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DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

DATE	AIRCRAFT	CREW	Duty	1	Гимв		
DAIL	Type & Number		DUTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
2/3 Dec.	Halifax III	(Captain) J10246 S/L E.B. Van	Bombing Slyck DFC	17:38	00:05	10/10ths medium cloud, tops 14-15,000 feet, visibility	
	"N" MZ-857					good. Target identified by H2S and Gee. B ombed at 21:08.	
NA.	1000000				1	hours from 17,000 feet, heading 065, speed 155. Seemed to	Salari i
						be many explosions lighting up cloud. 10/10ths cloud pre-	r
						vented assessment. There were many bomb bursts in the T/A.	
***************************************				1683		Target identified by H2S and Gee fix, bombed by these aids.	
						No trouble, uncertain raid.	
			Name of the				*
2/3 Dec.	Halifax III	(Ceptain) J89320 P/O W.T. Jense	en Bombing	17:31	00:30	10/10ths stratus ou., tops 17,200 feet, 12,000 feet	-
	"0" NP-936					thick, visibility above good. Target identified by Gee fix	
						Bombed at 21:09.5 hours from 17,300 feet, heading 058,	
						speed 160. Homed to target on Gee lattice line, bombed on	
						Gee release pt. Flashes seen below clouds, these flashes	
	er e grandar t	1			-	fairly well concentrated Nothing else scen. No difficul-	
						ties except heavy icing (Rime), from 14,000 feet to 7,000	***********************
Jan J		· A - A - A - A - A - A - A - A - A - A				feet, descending out of target.	6
2/3 Dec.	Halifax III	(Captain) J27868 F/O S.V. McKel	lar Bombing	17:45	00:36	10/10ths st. cuì, tops 17,000 feet, bottoms 4500 feet,	***************************************
1	"P" NP-937			E		visibility above good. Target identified by Gee fix. Bomb-	
		48.5				ed at 21:08.2 hours from 18,000 feet, heading 060T, speed	
					400	160. Bombed on Gee fix over target on run up, by lattice .	
		1,	44.5		10日	line run-up checked on H2S. Photo flashes seen below cloud,	
		A Comment		15.0	0.0000000	were in close approximation. No difficulties except severe	
	11			<u> </u>		icing climbing through cloud on second leg previous to	
					200000000000000000000000000000000000000	target. Concentration very good at least 6 A/C bombing	,
				No.		small area at this A/C's "Bombs away".	
		A TO		7.1			

2/3 Dec. Hali		CREW	DUTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
	AIRCRAFT & NUMBER	(Captain)		UP	DOWN		Section 1
"2"	ifax III	J28647 F/O T.J. Kelly	Bombing	17:25	00:25	10/10ths alto stratus, tops 17,000 feet, visibility	
	1/2-417	_				good. Target identified by H2S and Gee. Bombed at 21:07	
						hours from 18,000 feet, heading 056, speed 160, on H2S	
						and Gee. A fair concentration of bomb bursts east to west	
e'r						scattered north to south. Uncertain effort due to poor Met	•
						Encountered bad icing.	
2/3 Dec. Hali	ifax III	(Captain) J29268 F/L J.A. Howes	Bombing	17:26	00:35		
w _R u	NR-136					ty good. Target identified by homing on Gee fix 20 miles	
		3 3 3				from target. Bombed at 21:08 hours from 17,000 feet,	
						heading 060T, speed 160. Bombed on Gee. Few bomb bursts	
						observed under cloud base. No congestion, good concentra-	***************************************
-						tion of A/C.	
2/3 Dec. Hali	fex III	(Captain) J7344 F/L E.E. Barsby	Bombi ng	17:40	23:43	Bombed at .21:10 hours from 18,000 feet, heading	
	MZ-910		No. 19 69	3		067 degrees. Engine trouble, short of fuel. Landed at .	
				+6.1		Horham.	
			80.7				
	J. J. P.			- 430°E			
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APPENDIX

CA.F. FORM 541.

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DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

	Wt. 44067-3384 150M 1/4		. JR III	B MONTH O		ember, 19.44	
DATE	Aircraft Type & Number	CREW	DUTY	Up	Down	DETAILS OF SORTIE OF FLIGHT	REFERENCES.
					DOWN		
4 Dec.	Halifax III	Target, all A/C:- "K	RISRUHE"	-		Bomb load for each A/C:- 2 x 1000 lbs. & 1080 x 4 lb. I.B.	Appendix "I
***************************************		(Contain)				Incend.	Battle Orde
4/R Dec.	Halifax III	(Captain) J19626 F/O J.L. Egger	Bombing	16:44	23:45	Clear over target, visibility good. Target identifie	No. 197.
	"A" NR-120					by Rhine River and dock area, green T.I. and fires. Bomb-	attached
						ed at 19:40.4 hours from 17,000 feet, heading 105, speed	
						155, on centre of fires. Red and green T.L. were obliterate	-
						ed by fires in T/A, about four or five explosions, possibly	
			10.00			cookies. Whole city was on fire. Some incendiaries on	
		31 37 3 37				east of Rhine. Visibility was so good that city streets	
	1,442-000					could be seen in glow of fires. About fifteen A/C fired	4- 1
		Congression of the Congression o				off colours of day over Orfordness.	
4/1 Dec.	Halifax III	J26099 F/L P.D. Holmer	s Bombing	16:36	23:11	9/10ths patchy cloud, 8,000 feet, visibility good.	. ,
	"F" 1/Z-872					Target identified by town and fires, Rhine and harbour	
						clearly visible. Bombed at 19240.5 hours from 19,000 feet,	
						heading 110T, speed 155, on centre of fires. Plenty of	
						fire in built up area. Fires visible for 75 miles on	
See the Section						approach. 180 x 4 lb. hung up and brought back Photo	
						flash went off after bombs. Landed away at Tempsford	H-95-Line
	g - 19 y C - 19 A					due to shortage of petrol. Several A/C over France with	
						Navigation lights on. Bombing very concentrated, looked	
						effective effort, Target well lit up.	
			7755			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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		San			1	BOTTON OF STATE OF ST	

DATE	AIRCRAFT	CREW	Dury	T	IME	- DETAILS OF SORTIE OR PLIGHT	REFERENCES
DATE	Туре & Number	CREW	DUIY	UP	Down	DETAILS OF SORTIE OR PLIGHT	REFERENCES
4/1 Dec.	Helifax III	(Captain) J28618 F/O G.L.D. 0'	Grady Bombing	16:50	23:22	2/10ths ou., tops 5,000 feet, visibility good. Tar-	
	"H" MZ-909					get identified by red and green T.I. Bombed at 19:44.3	
						hours from 17,000 feet, heading 088, speed 165, on centre	
		1				of red. Whole T/A was well alight and bombing very good	
					0,31,2	and definitely concentrated around A/P. Only one stick	
		Lancas de la companya del companya del companya de la companya de	100000000000000000000000000000000000000			of bombs short of target. Fires could be seen for	
7	1 1 1 1 1 1 1					approximately 100 miles. A very good raid, concentration	
	100000					of A/C very good and bombing on good heading.	
		Compression of the Compression o	The second				
4/ Dec.	Halifax III	(Captain) C1649 W/C G.A. Tamble	ng Bombing	16:39	23:46	9/10ths thin stratus, visibility good. Target	
	"J" 1/Z-905					identified by Rhine, port area, red and green T.I. and	
						Gee fix. Bombed at 19:41 hours from 18,000 feet, heading	
				1.0	100	102T, speed 155, on centre of fires. No T.I. seen at time	
		1 1,5 1,70				of bombing. Bombing was around fires. By visual check	-
						raid appeared to be on target. No congestion, glow of fire	8
	2 75/8					seen about 100 miles away.	
	100			4 1			
4/ Dec	Halifax III	(Captain) J10246 S/L E.B. Van	Bombing Bombing	16:33	23:44	5-6/10ths strato cu., tops 6-7,000 feet, visibility	- 7
	"0" NP-936					good. Bombed at 19:41.8 hours from 19,000 feet, heading	
		1000				075, speed 155, on fires and centre of glow. Very good	
						run in by river dock. Glow of fires in cloud. Bombed	
	27 - 150 - 15					centre of fires. Good raid and fires good. Attack seen-	or the entire t
ks	Sania H					ed to open early, concentration of A/C good.	Sec. 53.3
in the second	But the Comment						4 14 11 11
					No.		1/2/2
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APPENDIX



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DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

PAGE No. 4

(*1276x-9511) Wt. 22039-1724 70M 8/45 T.S. 700 (*13799-9511) Wt. 44067-3384 150M 1/44 T.S. 700 FOR THE MONTH OF Degember, 19.44 DATE DETAILS OF SORTIE OR FLIGHT REFERENCES. Up Down (Captain) J27716 F/O R.F. Bertran 4/9 Dec. Halifax III Bombing 16:32 8/10ths broken cloud, tops 16,000 feet, visibility "Q" MZ-417 good. Target identified by Rhine River, green T.I's and homing on Gee. Bombed at 19:40.8 hours from 17,000 feet, heading 013T, speed 465, on built up area in centre of fires. Targed well gummed with incendiaries. Good conflagration. Cloud cleared eastern end of town. Plenty of fires and incendiaries, the latter skirting the fires. Good concentration of A/C, appeared to be a good effort. (Captain) J29268 F/L J.H. How 4/1 Dec. Halifax III Bombing 16:45 23:42 10/10ths thin stratus, visibility good, clear one "R" NR-136 mile short of target. Target identified by Rhine River, port area, red and green T.I. and H2S. Bombed at 19:35 hours from 18,000 feet, speed 160, heading 120T, on centre of red and green T.I., Green and red T.I. well concentrated, I.B. well scattered. Many bombs bursting around T.I. markers. 120 x 4 lbs. hung up and brought back. No congestion, raid appeared slightly short of A/P. Glow of fires seen 105 miles away. . (Captain) J28667 F/O R.H. Simpson DFC Bombing 16:40 4/1 Dec. Halifax III 23:17 4/10ths layered strata cu., tops 9,000 feet, visibility good. Target identified by green T.I. Bombed at 19:41 hours from 19,000 feet, heading 096, speed 150, on near side of glow on cloud. Fires burning well, lighting up whole area. Some green seen to be off A/P to north but mass of fires made an excellent pin point. Bombing concentrated in T/A. A pretty good raid, A/P was very well concentrated, concentration good.

	AIRCRAFT	CREW	Dury	T	IME	DETAILS OF SORTIE OR FLIGHT	REFERENCES
DATE	Type & Number	CREW	DUTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REPERENCE
4/1 Dec.	Halifax III	(Captain) J89420 P/O R.F. Saund	ders Bombing	16135	23:28	3/10ths thin oloud, 13,000 feet, visibility very	
	"T" NR-135					good. Target identified by River Dent and harbor and fires	
		100.5		7		out to dock area. Bombed at 19:40.7 hours from 17,000	
						feet, heading 080, speed 155, on centre of concentration	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1				of fires west of centre of city. No T.I's, mass of flames,	
			4			Lit up with incendiaries, Good'stream of A/C over target.	
	100000000000000000000000000000000000000					Target well lit up. Appeared to be effectively bombed	
						and confined to town proper.	
		and the second of				// · · · // / / · · · // / / · · · · // / / · · · · · // / / · · · · · // / / / · · · · · // / / / · · · · · // / / / · · · · · // / / / / · · · · · // / / / / · · · · · // / / / / · · · · · // / / / / · · · · · // / / / / · · · · · · // / / / / · · · · · · // / / / / · · · · · · // / / / / · · · · · · / / / / / / · · · · · · / / / / / / · · · · · · / / / / / / · · · · · · / / / / / / · · · · · · · / / / / / / · · · · · · / / / / / / · · · · · · · / / / / / / · · · · · · · / / / / / / / · · · · · · · / / / / / / ·	
/ Dec.	Halifax III	(Captan) J86735 F/O R.A. Forbe	Bombing	16:47	23:26	5/40ths thin cloud, tops 14,000 feet, visibility	
	"V" MZ-464	Size Size Person of the state				good. Target identified by river and T.I's. Bombed at	
		1	- 1 m (c)		and the second	19:41.2 hours from 18,000 feet, heading 100 degrees T,	
	2 25	1				speed 160, on compentration of red T.I's. T/A mass of	
	1	John Marie Marie				flames, incendiaries skirting the fires. Good concentra-	
						tion of A/C over target, T/A mass of flames, was effective	
						trip.	
			2.3				
/Dec.	Halifax III	(Captain)	mean Bombing	16:42	23:49	Cloud over target, tops 16,000 feet, visibility good.	
[3]	"W" IW-122					Target identified by fires and River Rhine. Bombed at .	
						19:37 hours, from 19,000 feet, heading 050, speed 155, on	
		120 400 400 500				centre of fires. T.I's seen to sascade but could not be	
1 1 1 A S		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				seen when A/O bombed. A few fires seen east of target	
						but nearly all bombing very concentrated on target. Would	
						say the whole city was severely damaged by this raid.	
<u> </u>					35	60 x 4 lb. I.B. hung up and brought back. Many A/C with	Sec.
		Market Land				lights on across France, over target, out on route to base.	
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APPENDIX



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DETAIL OF WORK CARRIED OUT
By No. 435 (R.C.A.F.) Schadron

SECRET

(*13799-9511)	Wt. 44067—338; 150M 1/44	FOR THE	MONTH OF	Decem	par, 19.44		
DATE	AIRCRAFT Type & Number	CREW	Duty	-	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
	TYPE & NUMBER			UP	Down		
4/N Dec.	Halifax III	(Captain) J16120 F/O N.D. Mara	Bombing	17:26	19:23	Bomb load for this A/C:- 1 x 2000 lbs, & 1080 x 4 lb, I.B.	
	"K" LV-941					Incendiary.	
	and the second					Abortive sortie, starboard outer engine U/S. Jetti-	
					-0.0	soned full bomb load, 5405N 0416E, at 18:28.9 hours, from	
						8,000 feet.	
		and the second second second					
5/6 Dec.	Halifax III	Target, all A/C:- "SDEST	SII		1000	Bomb load for each A/C:- 9 x 1000 lbs.	Appendix "C
				1			Battle Orde
5/6 Dec.	Halifax III	(Captain) J26099 F/L P.D. Holmes	Bombing	17:47	00:54	Thin cloud, tops 9/10,000 feet, visibility goods	No. 198,
	"F" 1/Z-872					Target identified by red and green T.I. Bombed at 21:25.1	attached)
						hours from 19,000 feet, heading 120, speed 155, on red and	
		- Marie and section				green T.I., 7/8 altogether. Red and green T.I. formed a	
		and a street of the street of		4.5		triangle in T/A. One very large explosion about 21:25.5	
				3 - 11		hours, giving off an orange explosion which came up to	
						2000 feet. A good glow visible for some distance away.	
						A few undershoots of target. 1 x 1000 lb. hung up and	
	Andrews					brought back. A very good trip, Hanover could be seen	
						burning, bombing concentration very good.	
		Later at Marian Commen		10			
5/6 Dec.	Halifax III	(Captain) J17146 F/L W.H. Miller	Bombing	17:45	00:13	4 to 6/10ths strate ou., tops 16,000 feet, visibility	
	"H" MZ-909					good. Target identified visually and by green T.I. Bomb-	
	A Paris - A	Parameter in the second	4 44.00			ed at 21:23.9 hours from 18.000 feet, heading 123, speed	
						160, on green T.I. and fire. Target was being well bombed	
				100		Good run up and green T.I. being dropped on top of each	
		at the table of good to	20.335	1		other. Pires burning in northern and southern section of	
		Lander Control			gigasi	target. Large explosions at 21:23 and 21:25 hours. A	
	Carrier Title	1994			PS.	successful raid under good conditions. Concentration not	u
			- AY			good. Good trip, no difficulty.	
					attrapas and an		Cardolana Canada

DATE	AIRCRAFT	CREW	Dury		Time		
	Type & Number	CAE"	Duly	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
5/6 Dec.	Halifax III	(Captain) J16120 F/O N.D. Mara	Bombing	17:52	00:39	4/10ths low thin strata cu., tops 4,000 feet, visibi-	
	"J" MZ-905					lity good. Target identified by red and green T.I. and	***************************************
						Gee check, Bombed at 21:24 hours from 17,000 feet, head-	*******************
						ing 116, speed 165, between concentration of red and green	
		<u> </u>			1 2 25	T.I. Three reds and three greens on port and reds on	
						starboard, bombed centre of lane and all bursts were around	
				100000		narkers. One explosion seen at 21:23.5 hours. Seemed	
		200				like a very good attack, PFF good and bombing seemed well	=7.
						on route. Tactics good.	
							-
5/6 Dec.	Halifax III	(Captain) J8917 F/L D.S. Rogers	Bombing	17:55	23:40		***************************************
	"L" MZ-425					visibility good. Target identified by red and green T.I.	
			14			checked by H2S. Bombed at 21:24.6 hours from 19,000 feet,	
				315.7	175.85	heading 184, speed 160, on centre of mixed red and green	***************************************
						T.I., seven clusters. Markers rather scattered at this	***************************************
			P.C. S.			time with group of red on starboard and greens on ports.	
				100	100	Bombing seemed rather scattered. Landed at Horham due to	
		A second second		2		insufficient petrol. Attack seemed somewhat scattered,	
						stream seemed good in and out of target. No special	
						difficulties.	
/6 Dec.	Halifax III	(Captain) C20393 F/L R.W. Patte	rson Bombins	17:53	23:43	3-5/10 ths thin strata cu., tops 10,000 feet, visibi-	1
	"M" MZ-419		4.3			lity good. Target identified by green T.I. Bombed at	
				3.2		21:24.5 hours from 18,000 feet, heading 120, speed 165, on	***************************************
						fires in northern part of target. Fires were burning	
		Contraction in the				pretty well over the whole target area and bombs bursting	
						well within the radius of target. Could be seen for 70 mile after leaving target. Should be a good effort, route and	В

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tactics O.K. Larded at Norham, refueled and returned to base.

APPENDIX



DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

DATE	AIRCRAPT Type & Number	CREW	Duty	-	TIME	DETAILS OF SORTIE OR FLIGHT	
	TIPE OF INCHESES	10-11		UP	Down	DETAILS OF SORTIE OR PLIGHT	REFERENCES.
5/6 Dec.	Halifax III	(Captain) J28647 F/O T.J. Kelly	Bombing	17:42	00:52	Clear, visibility good. Target identified by green	
**************************************	"N" MZ-857					T.I. Bombed at 21:24.5 hours from 17,000 feet, heading	
	ļ					130, speed 165, on centre of four clusters of green T.I.	
						Pires and bombs bursting in the whole area. Fires burning	
***************************************						well and several large explosions seen. Target should be	
***************************************						well taken care of Good trip, route and tactics O.K.,	
						no difficulty.	
						3 3 3 3	
5/6 Dec.	Halifax III	(Captain) J89320 P/O W.T. Jensen	Bombing	17:37	00:47	4-6/10ths cu., 7,000 feet, visibility good. Target	
	"0" NP-936					identified by HZS. Bombed at 21:24.3 hours from 19,000	
						feet, heading 116, speed 160, as briefed, H2S and timed run.	
					in the same	One huge red explosion seen at 21:25 hours. Met. was good,	Li
						A/O well concentrated over targets	
			> 1,148				
5/6 Dec.	Halifax III	(Captain) J27868 F/O S.V. McKells	r Bombins	17:43	00:42	10/10ths cloud, tops 12-14,000 feet, visibility goods	
	"P" NP-937		2.7			Target identified by API homing only. Bombed at 21:25.1	
		- 17 JR - 17 JR -		***************************************		hours from 18,000 feet, heading 110, speed 160 on API	
	SOF A				***************************************	homing (cloud). No T.I. seen when &/C bombed, only photo	
						flashes and flak. A/C was ordered to bomb on H2S and H2S	
				7		was very poor,	
5/6 Dec.	Halifax III	(Captain)	Booking	17:39	00:44	8/10ths on why 48 000 a	
	#Q# ±65=447					8/10ths ou. nim., 18,000 feet, visibility good. Tar- get identified by ETA. Bombed at 21:24-5 hours from 17,000	
27.				210		feet, heading 116, speed 175, on ETA. Target obscured by	
				50			
						cloud. No returns from HES. Pires burning after leaving	
	4.1364						
Charles and the second state of		A STATE OF THE PARTY OF THE PAR					

	AIRCRAFT	CREW	DUTY	T	IME	DETAILS OF SORTIE OF FLIGHT	REFERENCES
DATE	Type & Number	CREW	DOTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
5/6 Dec.	Halifax III	(Captain) J7344 F/L E.E. Barsby	Bombing	17:44	23:45	Clear patch in 6/10ths cu., tops at 10-12,000 feet,	
	"T" NR-135	2.342				visibility good. Target identified by red and green T.I.	
***************************************		s				checked on H2S run up. Bombed at 21:25 hours from 19,000	1
	-	Caracter of the Control	ent X			feet, heading 145, speed 160, on centre of concentration	
••••••	-					of five clusters of red T.I. T.I. concentrated on run up,	
						greens to starboard of red T.I. At 21:26.5 hours large	
		was to				orange coloured explosions seen, black maoke mushrooming	- 1 - 1
						up. Landed at Horham due to insufficient petrol. Good	,
***************************************						attack. Fair concentration of A/C at time of target. No	
	-12					congestion over target and no difficulties.	
	and the same of th						
5/6 Dec.	Halifax III	(Captain) J6681 F/L L.D. Allatt	Bombing	17:49	01:02	5-6/10ths wispy stratus and strate ou., tops to 12,000)
	"Y" 1/2-910					feet or 7-8,000 , visibility good, some haze. Target	
-		and the second				identified by fires checked visually by built up area of	
						town. Bombed at 21:40.5 hours from 18,000 feet, heading 2	ν,
	4					speed 160, on centire of fires in N.E. edge of town. No	
	19	a tree of the end of the				T.I. at time of bombing. Large explosion seen over cloud	
	1 marks					at 10,000 feet, 21:51 hours in T/A. Target mass of	-
-	-		terine or problems			flames with streets outlined in flames. Good attack,	
						navigation instruments all packed up and some navigational	4
		s distribution				difficulties	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
	1 1 1 1 2 1 1 2 2						
					100		
					SA		
***************************************	0.65						

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APPENDIX.....



DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

PAGE No...7.

DATE	AIRCRAFT	CREW	Duty	1	TIME		
DAID.	Type & Number		DOTT	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
/6 Dec.	Halifax III	(Ceptain) J28667 F/O R.H. Simps	Bombing on, DFC	17:40	00:45	3/10ths strata cu., tops 10,000 feet, visibility	
	"S" MZ-883					excellent. Target identified by red T.I. on ground and	
						green T.I. cascading. Bombed at 21:23.7 hours from 17,000	64 ()
						feet, heading 125, speed 165, on centre of concentration.	
						of red and green T.I. Marking plentiful and compact,	
<u></u>			1.100			large red explosion on leaving target. 1 x 1000 lbs. hung	
					- 22	up over target, jettisoned, safe, 51331 0207E, 23:01 hours,	
					- 16.53 - 5.535	7,000 feet. Poor concentration in stream, appeared to be good effort.	
	400						
/6 Dec.	Halifax III	(Captain) J29268 F/L J.H. Howes	Bombing	17:51	00:21	Nil cloud over target, visibility good. Target iden-	
	"R" NR-136					tified by green and red T.I., mostly green, and API hom-	
						ing and Gee. Bombed at 21:24.5 hours from 19,000 feet,	- 1
		General Contraction				heading 120, speed 160, on several clusters of green T.I.	
	Service History					Gee was very good, Only three red T.I. seen and mixed in	
	and the second second					with green. No outstanding explosions seen. Bombing very	-
						concentrated but many incendiary fires seen. B ombs all	
						bursting among red and green T.I. markers. Met. and tactics	-
		2				O.K. Many colours of day shot off at English coast on	
						route to base. Some colours of day fired when A/C were	
			1 // //			about 15 minutes over France on route to target.	
			THE REPORT	1000			
							. 1
				-0		Control of the Contro	2.6
							W 77 0 E
	And the state of the state of	THE RESERVE OF THE PARTY OF THE	Salar of the salar				

DATE	AIRCRAFT	CREW	Dury	1	TIME		1
	Type & Number		DUTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
6th Dec.	Halifax III	Target, all A/C:- "OS	ABRUCK"			Bomb load for each A/C:- 2 x 1000 lbs. & 1080 x 4 lbs.,	Appendix "D
				F 7 10 7 1		I.B. 10 % "X" Type.	-
	sheet o				364	2007	Battle Order
6th Dec.	Halifax III	(Captain) J19626 F/O J.L. Egger	Bombing	16:19	22:35	Target identified by timed run and Gee fix. Bombed	No. 199,
	"A" NR-120		Α			at 19:50.5 hours from 19,000 feet, heading 097, speed 155.	attached)
	- 1 Jun 1999			Suretic ca		Three different glows seen, may have been durny fires on	
						target. Jettisoned 90 x 4 lb. I.B., 5335 0131, 21:43 hour	1
	r 1				3	9,000 feet. Rather poor, no markers seen, dissapointing	
		-		-		effert.	
th Dec.	Halifax III	(Captain) J16120 F/O N.D. Mara	Bombing	16:15	22:15	9/10ths cloud, visibility good. Target identified	-
	"F" - NZ-872					by fires under cloud base and AFI homing. Bombed at 19:52.	_
	9 900						5
						hours from 18,000 feet, heading 090, speed 165, on glow of	
	······································					fire under cloud base. Not much observed on account of	-
						clouds, glow of I.B. appeared scattered. 180 x 4 lbs. hung up and brought back. Landed at Woodbridge, No con-	
2.8	· (Line)					gestion, should be a very scattered raid.	
	F-7-510 I					Son storing storing of a very scattered raids	
th Dec.	Halifax III	(Captain) J89607 P/O G. Walton	Bombins	16:39	22:33		
	"H" MZ-909		THE PARTY OF THE P			8/10ths st. cu., tops:at 8,000 feet, no medium cloud,	
					7.0 - 0.75749	limited visibility. Target identified visually by glow of	
						fires etc, checked by Gee fix 5 miles before target. Bomb-	
			40-00-00			at 19:54 hours from 20,000 feet, heading 160T, speed 160,	
						on centre of general fires following run through two .	
						dumny sites. No markers seen on target nor any on run up.	
-			· · · · · · · · · · · · · · · · · · ·			Some glow of green below cloud on run up. Flashes and	
						glow of fires below cloud. Seemed rather scattered. Glow	
				0		seen 60 miles after target. Marking very poor. A/C under-	

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APPENDIX

RA.F. FORM 541.

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DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

				MONTH O		iber, 19.44.	
DATE	AIRCRAFT Type & Number	CREW	Duty	Up	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
6th Dec.	Halifax III	(Captain) J8917 F/L D.S. Rogers	Bombing	16:25	22:36	10/10ths thick cloud, 17,000 feet, hazy. Target	
5	"L" 3/Z-425			1012	22.50		
	B 32-423					identified by H2S and flak puffs. Bombed at 19:52 hours	
				-	-	from 17,000 feet, heading 108T, speed 155, on H2S. Glow	
						of fires seen. Weather not good, difficult to assess	
	·····			ļ		results. Fair concentration but spread out over target	
						on account of no markers.	
6th Dec.	Halifax III	(Captain) G20393 F/L R.W. Patterso		46-01	00.15		
0 (11 1000)	"N" NZ-419	C20595 F/L R.W. Patterso	n Boobing	16:24	22:45	8/10ths strata cua, tops 6-8,000 feet, visibility	
						poor. Target identified by green T.I. and visual on fires.	
						Bombed at 19:54.3 hours from 17,000 feet, heading 110 degrees	·
						speed 160, on centre of fires. Approximately 12 scattered	
		• •		1 1		green T.I. on edge of fires, large glow on sky. 270 x	
						4 lb. I.B. hung up and brought back. Attack may have been	
	d					successful as a good prang in progress.	
6th Dec.	Halifax III	(Captain) J28647 F/O T.J. Kelly	Bombing	46 807	22:26	10 /10ths alto strata, tops 12-15,000 feet, visibili-	
12.00	"N" 142-857			19,632	25120	ty poor. Target identified by red T.I. Bombed at 19:50.7	
			······································			hours from 19,500 feet, heading 120, speed 170, on glow of	
						red T.I. Glow of red T.I. definitely seen through cloud	
,	i men	- 1 1887 13				and other glow could have been fires. Assessment impossible.	
	an and a superior					120 x 4 lb. I.B. hung up and brought back. Rather a duff	
B. 6				2000		effort due to weather and no PFF marking. Vapour trails	
					1	made visibility poor.	
	2			20	4-,2-	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	3 (4 × 14 × 14 × 14						
		(ca) 422 (5 146 5)					
							7
A SECTION ASSESSMENT		Salesta Landing of Land		and and	518 mm	a week constraint to	

DATE	AIRCRAPT	CREW	биту	1	TME	1000000000000000000000000000000000000	
DATE	Type & Number		DUIY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
6th Dec.	Helifax III	(Captain) J89320 P/O W.T. Jensen	Bombing	16:14	22:30	10/10ths cloud, tops 7,000 feet, hazy above, visibi-	
ii	"0" NP-936					lity fair. Target identified by incendiaries, fires and	
	2639					red glow and Gee fix after bombing. Bombed at 19:50.6	
					Ve to the	hours from 19,000 feet, heading 100, speed 155, on red	
			N - 12 K			glow visible through cloud. No T.I. or sky markers seen	
				artic.	100	at this A/C's time. About 3-4 different glows seen through	•
J						cloud when A/C bombed. Assessed as a fair raid, a few	
			346		- 12	scattered loads but bombing concentration pretty fair.	
						180 x 4.1b. I.B. hung up and brought back. Some A/C were	
					100	jettisoning incendiaries for 5/6 minutes after leaving	
						target. Two A/C seen with navigation lights on over Rhur	All
						and back over Holland.	
oth Dec.	Halifax III	(Captain) J27868 F/O S.V. McKellar	r Bombing	16:18	22:24	10/10ths thin strata ou., tops 7,000 feet. No mark-	
	"P"/ NP987				***************************************	ers seen owing to late arrival through starboard outer	25
						engine cutting at 50 degrees N 6230E, but target identified	3
						on ETA checked by API homing and glow below cloud. B ombed	
		145 5 4 5 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1			- 1	at 20:00 hours from 14,000 feet, heading 070, speed 165, on	>
						centre of glow of fires. Good glow of fires seen below	
	1				- 1	cloud. Attack seemed concentrated. Landed at Stradishall.	
***************************************					810		
				1000			4
						A CONTRACTOR OF THE CONTRACTOR	
			24.				100
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APPENDIX.....

FORM 541.

DETAIL OF WORK CARRIED OUT
By No. 453 (R.C.A.F.) Squadron

SECRET

PAGE No. 9

(*13799-951	1) Wt. 44067—3384 150M 1/44	T.N. 700	FOR TH	E MONTH O	10.00	mber, 19.44.	
DATE	AIRCRAFT	Crew	Duty	-	TIME	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
	Type & Number	(0. 1.1.)		UP	Down		
6th Dec.	Halifax III	(Captain) C35376 F/O W.G.R. Simp	son Bombing	16:09	22:24	8/10ths mixture cu. and stratus, tops 19-20,000 feet,	
	"Q" 16Z-417					visibility good. Target identified by red T.I. and visuall	
			_			through cloud breaks. Bombed at 19:51.2 hours from 21,000	
						feet, heading 104 degrees, speed 165, on one cluster of	
						red T.I. Largest fire in cluster of T/A. A smaller con-	
		- 12 mm - 12 mm		1.50		centration of fires on port and starboard with distinct	
editi.	* *					areas in between not on fire. Looked pretty good. 90 x	
						4 lb. I.B. hung up and brought back. Seemed like a fair	
-						do, route and tactics O.K. While on homeward journey	
	- 39 -					from target the Rear Gunner observed an amber light which	
	1.75					he took to be a night fighter. It was on the starboard	
						fine quarter level and approximately 400 yards range. The	
	1 1 2 1 1 1 1 1					Rear Gunner ordered "Corksorew Starboard" and the other	
						A/C followed through the two corkscrews. When rolling	
						to start third corkscrew the Rear Gunner opened fire point blank. He rised about 200 rounds and the enemy aircraft	
	400					and the same of th	
	-			1		exploded and went down in flames. The Engineer and both	
		* *			-	Gunners observed a second explosion when it struck the	
		***************************************		-	-	ground about half a minute later. No stoppages occurred	
						in the combat. The Mid-upper Gunner did not fire.	
6th Dec.	Halifax III	(Captain) J7344 F/L E.E. Barshy	Bombing	17:04	22:48	9/10ths cloud; tops 6/7,000 feet, visibility fair,	
	"C" LW-164	Philipping and the second	7		1	Target identified by H2S run and glow of red T.I. Bombed'	
	(424 Sqdn. A/C)	each Pages Radir of		E 70.		at 19:54.5 hours from 19,000 feet, heading 110, speed 160,	3 - Sr-
	1		Land			on centre of glow seen through cloud. Red T.I. were only	
1 200				1		just visible. A couple of loads dropped about 5/6 miles	
					1	short of target which left quite a fire. Would say this	
						was a scattered raid. The glow observed through cloud was quite large. No difficulties.	

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(Osp tain)	DATE	AIRCRAFT Type & Number	CREW	Dury	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
identified by STA, glow through cloud and red T.I. Bombed at 19:52 hours from 20,000 feet, heading 110T; speed 160, on centre of glow. Some incendiaries scattered. Terrific red explosion seen when about 50 miles from target home- ward. Not a clear out target, difficult to assess results. (Captain) 2. NR-205 (424, Sqin. A/O) (425, Sqin. A/O) (426, Sqin. A/O) (427, Sqin. A/O) (428, Sqin. A/O) (429, Sqin. A/O) (429, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (421, Sqin. A/O) (421, Sqin. A/O) (422, Sqin. A/O) (423, Sqin. A/O) (424, Sqin. A/O) (425, Sqin. A/O) (426, Sqin. A/O) (427, Sqin. A/O) (428, Sqin. A/O) (429, Sqin. A/O) (429, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (421, Sqin. A/O) (422, Sqin. A/O) (423, Sqin. A/O) (424, Sqin. A/O) (425, Sqin. A/O) (426, Sqin. A/O) (426, Sqin. A/O) (427, Sqin. A/O) (428, Sqin. A/O) (429, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (421, Sqin. A/O) (422, Sqin. A/O) (423, Sqin. A/O) (424, Sqin. A/O) (425, Sqin. A/O) (425, Sqin. A/O) (426, Sqin. A/O) (426, Sqin. A/O) (427, Sqin. A/O) (428, Sqin. A/O) (429, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (421, Sqin. A/O) (422, Sqin. A/O) (422, Sqin. A/O) (423, Sqin. A/O) (424, Sqin. A/O) (425, Sqin. A/O) (425, Sqin. A/O) (426, Sqin. A/O) (426, Sqin. A/O) (427, Sqin. A/O) (428, Sqin. A/O) (429, Sqin. A/O) (420, Sqin. A/O) (421, Sqin. A/O) (422, Sqin. A/O) (422, Sqin. A/O) (423, Sqin. A/O) (424, Sqin. A/O) (425, Sqin. A/O) (425, Sqin. A/O) (426, Sqin. A/O) (426, Sqin. A/O) (427, Sqin. A/O) (428, Sqin. A/O) (429, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (421, Sqin. A/O) (422, Sqin. A/O) (422, Sqin. A/O) (423, Sqin. A/O) (424, Sqin. A/O) (425, Sqin. A/O) (425, Sqin. A/O) (426, Sqin. A/O) (426, Sqin. A/O) (427, Sqin. A/O) (428, Sqin. A/O) (428, Sqin. A/O) (429, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (420, Sqin. A/O) (421, Sqin. A/O) (421, Sqin. A/O) (422, Sqin. A/O) (423, Sqin. A/O) (424, Sq			(Captain)					
at 19:52 hours from 20,000 feet, heading 1107; speed 160, on contre of glow. Some incendiaries scattered. Terrific red explosion seen when about 50 miles from target home- ward. Not a clear out target, difficult to assess results. The Dec. Halifax III (Captan) 12:5592 \$1.0.0. Pierce Bombing 16:58 22:59 10/10ths strains ou., tops about 10,000 feet, thin cum- st. 21,000 feet, clear above cleud. Target identified visually on fires and glow on cloud checked on H2S. Bomb- ed at 19:55.7 hours from 21,000 feet, heading 662, speed 160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x & lb. Lib. hib. hung up over target, unable to shake off, brought back. Scatt- ered bombing but large explosion and strong varicoloured glow beneath clouds.	6th Dec.		J16536 F/O A. Strelchu	k Bombing	16:15	22:34	10/10ths cloud, 12,000 feet, visibility pood, Target	
on centre of glow. Some incendiaries scattered. Terrific red explosion seen when about 50 miles from target homeward. Not a clear cut target, difficult to assess results. Sigh Dec. Halifax III (Captain) W.C. Pierce Bombing 16:58 22:59 10/10ths stragus cu., tops about 10,000 feet, thin cums. "J" NB-205 st. 21,000 feet, clear above cleud. Target identified visually on fires and glow on cloud checked on H2S. Bombed at 19:55.7 hours from 21,000 feet, heading 062, speed 160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. I.B. hung up over target, unable to shake off, brought back. Scattered bombing but large explosion and strong variecloured glow beneath cloud.		"W" LW-122					identified by ETA, glow through cloud and red T.I. Bombed	
red explosion seen when about 50 miles from target home- ward. Not a clear out target, difficult to assess results. ith Dec. Halifax III (Captain) 16:58 22:59 10/10ths strains out, tops about 10,000 feet, thin cum. "J" NR-205 st. 21,000 feet, clear above cleud. Target identified (424 Sqdn. A/O) visually on fires and glow on cloud checked on H2S. Bomb- ed at 19:55.7 hours from 21,000 feet, heading 062, speed 160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. I.D. hung up over target, unable to shake off, brought back. Scatt- ered bombing but large explosion and strong variocloured glow beneath cloud.								
ward. Not a clear out target, difficult to assess results. (Captain) Ward. Not a clear out target, difficult to assess results. (Captain) Ward. Not a clear out target, difficult to assess results. (L25) (L25) (L25) (L26) (L27) (L27) (L27) (L28) (L28) (L28) (L28) (L28) (L29) (L20) (L29) (L29)			<u> </u>			32.3	on centre of glow. Some incendiaries scattered. Terrific	
Sth Dec. Halifax III (Cap tain) "J" NR-205 Bombing 16:58 22:59 10/10ths strafus ou, tops about 10,000 feet, thin cum, st. 21,000 feet, clear above cloud. Target identified visually on fires and glow on cloud checked on H2S. Bombed at 19:55.7 hours from 21,000 feet, heading 062, speed 160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seem for at least 40 miles on return. 270 x 4 lb. LiB. hung up over target, unable to shake off, brought back. Scattered bombing but large explosion and strong varicoloured glow beneath cloud.							red explosion seen when about 50 miles from target home-	#
st. 21,000 feet, clear above cloud. Target identified (424 Sqdn. A/C) visually on fires and glow on cloud checked on H2S. Bombed at 19:55.7 hours from 21,000 feet, heading 062, speed 160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. IsB. hung up over target, unable to shake off, brought back. Scattered bombing but large explosion and strong varicoloured glow beneath cloud.					1000		ward. Not a clear out target, difficult to assess results.	196
st. 21,000 feet, clear above cloud. Target identified (424 Sqdn. A/C) visually on fires and glow on cloud checked on H2S. Bombed at 19:55.7 hours from 21,000 feet, heading 062, speed 160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. IsB. hung up over target, unable to shake off, brought back. Scattered bombing but large explosion and strong varicoloured glow beneath cloud.			(Can tain)				*** **********************************	
(424 Sqdn. A/C) visually on fires and glow on cloud checked on H2S. Bombed at 19:55.7 hours from 21,000 feet, heading 062, speed 160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. LB. hung up over target, unable to shake off, brought back. Scattered bombing but large explosion and strong varicoloured glow beneath cloud.	oth Dec.		J29592 S/L W.C. Pierce	Bombing	16:58	22:59	10/10ths strafus cu., tops about 10,000 feet, thin cum.	
ed at 19:55.7 hours from 21,000 feet, heading 062, speed 160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. Lib. hung up over target, unable to shake off, brought back. Scattered bombing but large explosion and strong varicoloured glow beneath cloud.								
160, on centre of the glow of fire. Very large explosion at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. Lib. hung up over target, unable to shake off, brought back. Scattered bombing but large explosion and strong varicoloured glow beneath cloud.		(424 Sqdn. A/C)					visually on fires and glow on cloud checked on H2S. Bomb-	
at 19:55 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. L.B. hung up over target, unable to shake off, brought back. Scatt- ered boshing but large explosion and strong varicoloured glow beneath cloud.							ed at 19:55.7 hours from 21,000 feet, heading 062, speed	
at 1915 hours in large glow beneath cloud of fires. Seen for at least 40 miles on return. 270 x 4 lb. LB. hung up over target, unable to shake off, brought back. Scatt- ered bombing but large explosion and strong varicoloured glow beneath cloud.							160, on centre of the glow of fire. Very large explosion	
up over target, unable to shake off, brought back. Scattered boxbing but large explosion and strong varicoloured glow beneath cloud.				100000			at 19:55 hours in large glow beneath cloud of fires. Seen	***************************************
ered bombing but large explosion and strong varicoloured glow beneath cloud.							for at least 40 miles on return. 270 x 4 lb. I.B. hung	
glow beneath clouds					Success?		up over target, unable to shake off, brought back. Scatt-	
							ered bombing but large explosion and strong varicoloured	
						101-161-1	glow beneath cloud	
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PPENDIX



DETAIL OF WORK CARRIED OUT

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

SECRET

DATE	AIRCRAFT Type & Number	CREW	Dury	-	TIME	DETAILS OF SORTER OR FLIGHT	REFERENCES.
-	TYPE OF NUMBER	-		UP	Down	Datalia of South OR FLIGHT	KEFERRNCES.
18th Dec.	Halifax III	Target, all A/C:- "I	UISBURG"			Bomb load for each A/C:- 4 x 1000 lbs. & 10 x 500 lbs.	Appendix "E
						A TOTAL ACTOR A TOTAL ACTOR OF THE STATE OF	Battle Order
18th Dec.	Halifax III	(Captain) 035376 F/O W.G.R. Si	mpson Bombing	03:01	08:49	4-5/10ths thin layer cloud, tops 16/17,000 feet,	No. 203,
	"A" NR-120					visibility good. Target identified by red T.I. seen through	hattached.
			. 10 (6.20)			cloud and fires. Bombed at 06:15 hours from 20,000 feet,	
						heading 090, speed 155, on centre of red glow of red T.I.	
						Glow of red T.I. seen through cloud, was in centre of fires	
						Base of cloud well lit up by glow of fires. Red T.I. were	***************************************
						well concentrated and this attack fairly well concentrated.	
			- 8			Diverted to Doncaster. Net. forecast was quite a way off,	
-						no difficulties.	
		70					
18th Dec.	Halifax III	(Captain) J25885 F/L D.F. McGr	ath Bombing	03:16	09:09	10/10ths cloud, visibility poor. Target identified	
	"H" MZ-909		4.7			by glow of fires, Gee homing, H2S. Bombed at 06:17.7	
	/					hours from 19,000 feet, heading 045, speed 155, on H2S.	······································
						No T.I. seen going down on run up. Bombed on H2S. Some	
						bomb bursts observed under cloud base where there was a	- 4
						green glow. Landed at Ossington. No congestion, hard to	
						assess on account of 10/10ths cloud.	
		72	- 1 Total				
18th Dec.	Halifax III	(Captain) J26099 F/L P.D. Holme	s Bombing	02:48	09:44	10/10ths stratus, tops 10,000 feet, visibility poor,	
	"J" MZ-905					Target identified by red glow of markers under cloud and	1879
				_ ^		Gee homing. Bumbed at 06:18.2 hours from 18,500 feet,	
				20	,	heading O45T, speed 155, on centre of glow. Only glow of	
3.08.10					35.	T.I. seen under cloud haze. Some red.T.I. seen going	
						down after leaving target where glow was. No congestion,	7 7 7 7
146.0						not much observed. Raid appeared very scattered.	
				20130	destacat.		

	AIRCRAFT			T	IME &	Danier or Common Division	REFERENCES
DATE	TYPE & NUMBER	Crew	DUTY	Up	Down	*Details of Sortie or Flight	REFERENCES
		(Captain)				[1] 中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国中国	
8th Dec.	Halifax III	J8917 F/L D.S. Rogers	Bombing	02:51	09:20	10/10ths st. ou., tops up to 15,000 feet, thin layers	
	"K" LV-941			F 12 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	1	of patchy cloud above, visibility good. Rombed at 06:18	
						hours from 18,000 feet, heading 047 degrees T. Landed	
	+					at Metheringham.	
8th Dec.	Halifax III	(Captain) J16120 F/L N.D. Mara	Bombing	02:46	09:35	10/10ths cloud, tops 8/10,000 feet. Target identified	
	"M" MZ-419					by Gee and fires. Bombed at 06:18 hours from 17,500 feet,	
						heading OSOT, speed 165, on fires. No markers seen at	
			•	es, and		all but many fires covered the area, which were quite	
				55453		distinguishable from the duries in the surroundings. Con-	
						centration of bombing appeared to be good. Landed at	-
						Binbrook on account of wireless distortion making A/C un-	
						able to pick up the diversion A/D given until near Leeds,	
		77.73.				petrol to short to return to given A/D.	-
					100000		
8th Dec.	Halifax III	(Captain) J27716 F/O R.F. Bertran	Bombing	02:31	08:48	10/10ths thick patchy cloud, tops 19,000 feet, visibi-	
	"N" MZ-857	WELLIN X/ X				lity poor. Target identified by glow of red T.I. and .	
						homing on Gee. Bombed at 06:18.7 hours from 19,000 feet,	-
			- Caran In			heading 052, speed 160, on centre of glow of red T.I.,	
		<i>a</i>				bombed on Gee. Glow of red T.I. seen under cloud base, .	
						some green seen cascading after bombing. Some bomb bursts	
						seen reflecting on cloud base. Landed at Metheringham.	
					-	No congestion, hard to assess on account of 10/10ths cloud.	
							ann Annininh
					+		
				-			

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(*12761-9511) Wt. sesso-trac 700 8/43 T.S. 700 (*13799-9511) Wt. 44007-358c 1500 1/44 T.S. 700

DETAIL OF WORK CARRIED OUT

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

SECRET - PAGE No. 11

DATE	AIRCRAPT Type & Number	CREW	Dury		TIME	renber, 19.66	
		1775	DUTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCE
18th Dec.	Halifax III	109320 P/O WaT. Jens	en Bombing	02:42	08:55	10/10ths alond winds	ACEPARANCE
	"0" NP-936	5	al Court Harts	The state		10/10ths cloud, visibility poor. Target identified	
		1				by green T.I. disappearing in cloud, Gee fix. B cabed at	
		-				06:17.5 hours from 17,500 feet, heading 049, speed 160, on glow of green T.I. Few scattered bomb bursts seen under	
					-	cloud base. Landed at Metheringham. No congestion, very	
					-		
18th Dec.	Halifax III	(Capta in) J27868 F/O S.V. McKel	lar Bombing	02:43	09:14		
	"P" NP-937				09114	10/10ths st. cu., tops up to 15,000 feet, thin layers	
	- T-					of patchy cloud above, visibility good. Bombed at 06:22 3	
						nours from 17,500 feet, heading 044 degrees T, speed 165.	
						Landed at Metheringham.	
8th Dec.	ERTifax III	(Captain)				La contraction de la contracti	***************************************
		J6681 F/L L.D. Allatt	Bombing	03:27	09:12	10/10ths st. ou., tops up to 15,000 feet, thin layers	
······································	"R" NR-136					of patchy cloud above, visibility good. Bonbed at 06:18.7	
						hours from 18,500 cost back and a sounded at O6:18,7	
						hours from 18,500 feet, heading 051 degrees T. Landed at	
			12 - 10, 2014				
8th Dec.	Halifax III	(Captain) J28667 F/O R.H. Simpson	nac Bombine				
	"S" 14Z-883		200	02:45	.09:38	10/10ths cloud, tops 15,000 feet with odd layers above,	
						visibility poor. Target identified by Gee howing. Bomb	
15 Taranta						ed at 06:17 hours from 20,000 feet, heading 045T, speed	***************************************
						155 I.A.S. No markers seen. Target totally obscured.	
						No results seen. Diverted to Eastmoor.	
				4	12.5		
		84.			3.0.0		
		100					

			***************************************	***************************************			
	Market Charles			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

DATE	AIRCRAFT	CREW	Duty	1	Гиме		C. 100 To Co. 100
Date	Type & Number		DUTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
18th Dec.	Halifax III	(Captain) J86735 F/O R.A. Forbes	Bombing	02:35	09:06	10/10ths alta. cu., tops 25,000 feet, visibility	
	"V" 1/2-464					poor. Target identified by red and green T.I. checked by	
		in the second			160	Gee. Bombed at 06:16.2 hours from 19,500 feet, heading	
					0.8 %	048, speed 155, on cascading red T.I's. B ombed where	
						four reds were seen cascading. Green seen cascading.	
Δ						approximately two miles to port. A red glow seen under-	
					٠	neath, may have been fire glow. Icing in cloud from 6,000	
				100		feet. Uncertain attack, if red T.I's on target should be	
						fairly well bombed. Met, conditions made trip difficult.	
		(Centain)			-		*****
18th Dec.	Halifax III	(Captain) J16536 F/O A. Strelchu	k Bombing	02:24	09:10	10/10ths cloud, tops 12,000 feet, visibility fair.	
	"W" I₩-122			***************************************		Target identified by glow of red T.I. and Gee fix over .	
						target. Bombed at 06:26 hours from 19,500 feet, heading	
						160, speed 165, bombed on Gee fix. Not much observed on	
						account of 10/10ths cloud. Landed at Metheringham. No	-
						Congestion. 3	
		(Captain)					
8th Dec.	Halifax III	J/344 B/L R.R. Barsby	Bombing	03:13	09:00	10/10ths strato cu., tops 13,000 feet, visibility	
	"X" MZ-815					good. Target identified by Gee fix. Bombed at 06:20 hours	
						from 18,000 feet, heading 042, speed 155, on glow of fires.	
						Markers had burned out at bombing time. Terrific glow	
						of fires underneath. Landed at Eastmoor. Rather hard to	
						assess accurately but seemed to be burning fiercely as	
1						this was a very intense glow. Route and tactics O.K.	
1		the company of the company					***************************************
- 9						A CONTRACT OF THE PROPERTY OF	

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APPENDIX

A.F. FORM 541.

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DETAIL OF WORK CARRIED OUT

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

SECRET

DATE	AIRCRAFT	CREW	Duty		DAE	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
	TYPE & NUMBER	-		UP	Down		-
2/st Dec.	Halifax III	Target, both A/C:- "	OSLO" (Gardening	1		Mine load, each A/C:- 4 x 1900 lb. Mk. VI Mines	Appendix "F"
		-					Battle Order
21st Dec.	Halifax III	(Captain) J26099 F/L P.D. Holm	es Gardening	23:38	06:35	10/10ths strata gu., tops 6,000 feet, visibility good	No. 206,
	"J" MZ-905					Mined at 03:37.35 hours from 10,000 feet, heading 340,	attached.
						apeed 187, at a position 5924,12N 1031.CCE, dropping 1 x	
						C308, Mk VI, 40636, Q res. FDM3, .1 x B248, Mg.VI, 16660,	
						Q res., 8 days; 1 x F638/22, Mk VI, 29551, Q res. 5 days,	
						and 1 x G706, Mc VI, 32049, Q res. PDM6. Last pin-point	
			- 197	1 7 ×		obtained, bearing and distance on H2S, 178 -6.5 miles	
						from 59200 6N, 10303CE. Homed on H2S 350 to 59234EN	
<u> </u>					- 7	103043. Diverted to Charter Hall. Mines laid in areas	
		/				allotted. Trouble with navigation aids.	
21st Dec	Halifax III	(Captain) J25885 F/L D.F. McGrat	h Gerdening	23:37	02:24	Mission abandoned over base on instructions; due to	
	"E" MZ-818					engine failure, starboard inner. Jettisoned full load of	
9						1 x 0308 Mk VI 40632 Q res. PDM5, 1 x B258 Mk V- I 16609	
						Q res. 4 days, 1 x F638/22 Mk VI 29499 Q res. 7 days and	
						1 x 6706 Mk VI 32009 Q res. FIM3, at 5408N 0140E, 0104	
		7 1				hours, 3,000 feet, safe	
G- 1 - 19 - 1				1,1	1.6		
	***************************************		2 .			4,	
				-			
	4.	1, 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7			- Service - January - Company	
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DATE	AIRCRAFT	Crew	Dury	1	IME		1
	Type & Number		DOTT	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
24th Dec.	Halifax III	Target, all A/C:-	"CSLO ARRA" (Gard	dening)		Mine load, each A/C:- 4 x 1900 lb. Mc VI Mines.	Appendix "G
		(Captain)	-		-		Battle Orde
24th Dec.	Halifar III	(Captain) J25885 F/L D.F. Mo	Grath Gardening	17:03	23:44	Slight haze, visibility good. Gardened at 20:32-47	No. 208,
	"J" MZ-905					hours from 10,000 feet, track 306, speed 187, at a position	
						5952.36N 1040E, dropping 1 x B248, 2 x F638/22 and 1 x	
				1		F634/19G. H28 bombing rum on a pt. 111 sec evershoot 5	
						mins. from 5952.12N 1839.44E. Homed on H2S 314 degrees	
						to 5952.201 1039.39E 5 mine. on 10/10th scale. Diverted to Peterhead. Good trip and mines laid on allotted areas.	
24th Dec.	Halifax III	(Captain) J27868 F/O S.V. McK	22-2 0-2 1				
	"P" NP-937	1		Section Services		Gardened at a position 5952.36N 1040E. H2S bombing r	
-	and the same of th	a muel	V	/N): M	·	on a point 111 secs overshoot 5 miles from 5952.12N 1039.4	E.
		- a X //-	~ , qo	K 10 -		Gardened at 20:49.01 hours from 10,000 feet, 305 degrees,	
<u>.</u>		W twe				speed 202, sropping load as in above paragraph. Homed on	
***************************************		po (1.39			H2S 314 degrees 5952.20N 1039.39E, 5 md. on 10/10ths scale	
	***************************************		<u> </u>			Sea mist, visibility good. Diverted to Peterhead due to	
						H2S mist, made 2 orbits. Good trip and mines on alletted area.	3
		75				0	
4th Dec.	Halifax III	(Captain) J89420 P/O R.F. Saur	ders Gerdening	17:01	23:41	Cardened at a position 5952.488 1042.123. His bombing	***************************************
	"S" MZ-883					run on a point 92 sec overshoot 5 mileo from 5952.12N	
						1039.468. Gardened at 20:33.30 hours from 10,000 feet,	
						055 degrees, speed 187, dropping load as in above para-	•••••••
						raph. Homed on H2S 057 degrees to 5952.32N 1040.48E.	
		/				Paight mist, visibility good. Good trip and mines in area.	
		2 () ()	V- 1			Diverted to Peterhead.	2
		1. (1.2)				AVAILED TO FELDMIRAD.	

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APPENDIX

A.F. FORM 541.

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DETAIL OF WORK CARRIED OUT B,No. 435 (R.C.A.F.) Squadron

SECRET

	AIRCRAPT			MONTH OF	DOE	TRANSPORTER TO THE PARTY OF THE	1
DATE	TYPE & NUMBER	CREW	Dury	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
26th Dec.	Halifa r III	Target, all A/C:- "	ST. VITH"			Bomb load each A/C:- 1 x 2000 lb. & 1320 & 4 lb. Incend.	Appendix "H
		(Control -)				(11 x GP No. 14 G.6/10)	Battle Order
26th Dec.	Halifax III	(Captain) J19626 F/L J.L. Egg	er Bombing	12:50	19:10	Ceiling and visibility unlimited. Target identified	No. 209,
	"A" NR-120					by red T.I's and smoke. Bombed at 15:35.2 hours from	attached
7/6						10,000 feet, heading 068T, speed 165 on T.I's and snoke	
						(Pickwick+). If T.I's were good attack should be dead on	
				- 1		and as smoke pall concentrated markers were lost in smoke.	
						Landed at Charter Hall. Good trip and successful raid.	
						Some congestion over target, route and tactics 0.K.	
26th Dec.	Halifax III	(Captain) J16536 F/O A. Strele	huk Bobing	13:01	18:20	Clear visibility good. Target identified by red and	
	"H" MZ-909					green T.I. and visually. Bumbed at 15:38.8 hours from	
				100		11,000 feet, heading 0697, speed 165, one second under-	***************************************
	1 200					shoot of Pickwick. Very concentrated effort, all in slight	
		a same in a		13.7		cluster around A/P. Diverted to Leuchars. Good trip and	••••
			15 76			a very good raid.	***************************************
			exa de siste		n (1)		
6th Dec.	Halifax III	(Captain) J8418 S/L H.K. Stins	on DFCBombing	12:54	19:55	Slight haze, visibility good. Target identified by	1
	"G" NR-137		1.74.63			red and green T.I. and visually. Bombed at 15:34 hours	
						from 10,000 feet, heading 068, speed 165, overshot green	
			***			T.I. one second. Green T.I. clusters on outside of town	
	de la Ma	way barana	h - American			and M/B instructed to overshoot one second. Bombing well	
						concentrated and around AP. Landed at Leuchars. Good	
						trip and excellent prang, very well concentrated. Some	
		374.00				congestion over target.	
	3.57	Prints	1				
							- A
					14		

DATE	AIRCRAFT	CREW	Doty	T	IME		107 (10 m)
	Type & Number		DOTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
26th Dec.	Halifax III	(Captain) J89320 P/O W.T. Jens	en Bombing	13:13	18:41	No cloud, visibility good. Target identified by smoke	
	"0" NP-936			P		and visual of rail lines and roads. Bombed at 15:37.8 hour	S
						from 11,700 feet, headint 067T, speed 165, port of Pickwick	
				- 12		No T.I. seen, bombing well concentrated. Heavy flak	
				4		enqountered at.15:35 hours, 11,700 feet. Landed at	***************************************
						Leuchars. No congestion, good raid, Wa heard clearly	•••••
						and was helpful.	
		(Captain)					
26th Dec.	Halifax III	C1346 S/L D.J. Clelb	nd Bombing	13:11	19:15	No cloud, visibility good. Target identified by smoke	
	"E" 1/Z-818					and visually, map reading. Bombed at 15:46 hours from	/ /3
					Son	11,000 feet, heading 062T, speed 175, on centre of smoke.	
						Late on target, do T.I. seen or Wa heard. Target covered	
						with fire and sacke. Landed at Kinntell. No congestion.	1.6
			- 44.27 ()			Good fighter cover, appeares to be successful raid.	

6th Dec.	Halifax III	(Captain)	Bombing	13:05	19:13	Slight haze, visibility good, Target identified by	
	"K" IW-941						
						red T.I. and visually. Borbed at 15:34.3 hours from 12,000 feet, heading 0777, speed 165, one second under-	
						shoot on Pickwick. Target really pranged by good concen-	
						tration of bombing. M/B clear. Lended at Leuchars. Very	
						good raid and route, tactics 0.K.	
*		(Captain)					
6th Dec.	Halifax III	J8917 F/L D.S. Rogers	Bombing	13:06	18:45	Clear with light ground haze. Carget identified	
	"L" MZ-425	*		25.1		visually and M/B. Bombed at 15:36 hours from 11,000 feet,	
						heading 080, speed 165, Pickwick on instructions of M/R.	,
		.6	1			M/B pleased with bombing, well concentrated around A/P, some red T.I. seen in moke. Incendiaries somewhat scattered to right of target. Landed at Leuchars. Very good raid and	

MAN POLICE

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DETAIL OF WORK CARRIED OUT By Mps 433 (R.C.A.F.) Squadron

SECRET

PAGE No. 14

(*12761-0511) WL 25860-1184 70M 8/43 T.S. 766 (*13799-0511) WL 44067-3584 150M 1/44 T.S. 766 FOR THE MONTH OF December, 19 44 Aircraft Type & Number TIME Up Down DATE DETAILS OF SORTIR OR FLIGHT (Captain) Halifax III Clear, visibility good. Target identified visually C20393 F/L R.W. Patterson Bombing 13:03 19:02 "M" MZ-419 by railway on starboard of track and road details checked by Gee. Bombed at 15:34.1 hours from 10,000 feet, heading 070T, speed 165, up wind edge of smoke between red and green T.I. on instructions of M/B. T.I, were well placed, reds and greens. M/B heard clearly and gave concise instructions. Other bombing very well concentrated. Landed at Leuchars on diversion. Excellent attack, well concentrated no difficulties. (Captain) R171272 F/S Smyth, M.R. Bombing 26th Dec. Halifax III No cloud, visibility good. Target identified by snoke 12:59 17:58 "Q" 1/2-417 and red T.I., homed on Gee. Bombed at 15:38 hours from 11,000 feet, heading 068T, speed 165, on starboard of red T.I. Red T.I. on edge of upwind smoke, bombing short of T.I. H/F encountered at target 15:30 hours, 11,000 feet. Landed at Graveley with atarboard outer engine U/S. No congestion, good concentration, WB not heard clearly. Good raid. . (Captain) J6269 F/L J.E. Vall 26th Dec. Halifax III 13:09 19:31 No cloud, visibility good. Target identified visually "R" NR-136 by rail and smoke, homed on Gee. Bombed at 15:40 hours from 10,000 feet, heading 070T, speed 165, bombed Pickwick with one second undershoot. No T.I., bombing well concentrated. Landed at Leuchars. No congestion, concentration rather spread. M/B heard clearly and was helpful.

DATE	AIRCRAFT	CREW	Dury	T	IME		
	Type & Number	上海出海学院为 X / 10 原	DUTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCE
26th Dec.	Halifax III	(Captain) J7344 F/L E.E. Barsby	Bombing	13:15	19:08	Good clear visibility. Target identified visually.	
	"T" NR-135						
						Bombed Pickwick on instructions of M/B, Ged checked C.K.	
						and one second undershoot as instructed. Bombed at 15:46.	
-						hours from 11,000 feet, heading 079T, speed 160 I.A.S.,	******************
						on some T.I's and smoke as Pickwick. Well concentrated	
						bombing, large amount of smoke and dust, A/C late, cut	
			*			corners on way in to target due to late take off. Landed	1
						at Leuchars. Good prang, no congestion.	
*		(Captain)				A PROPERTY.	
26th Dec.	Halifax III	J86735 F/O R.A. Forbes	Bombing	13:10	19:22	Clear, visibility good. Target identified by red and	***************************************
-	"V" 112-464				17.5	green T.I. and visually. Bombed at 15:35.9 hours from .	
						12,000 feet, heading 068T, speed 165, one second under-	
						shoot on Pickwick. Really concentrated effort, only one overshoot and one undershoot seen, area covered in smoke	
		***				and dust. M/B good. Diverted to Leuchars. Very good	
						effort and successful raid.	***************************************
				158.3			
6th Dec.	Halifax III	(Captain) J89783 P/O J.D. O'Neil	Bombing	13:07	19:21	Hazy, visibility good. Target identified by red T.I.	
	"W" IW-122					and visually. Bombed at 15:38.4 hours from 11,000 feet,	·,·····
	48						
			***************************************	-		heading 070, speed 165, one second undershoot on Pickwick.	······································
	***************************************					Target well covered with dust and smoke. A well concen-	
						trated effort. Diverted to Leuchars. Should be a success-	
r)						ful riad, no trouble.	9.00
				Mar College	U		
						Research Association (Control of Control of	

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APPENDIX.....

DETAIL OF WORK CARRIED OUT

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

SECRET

PAGE No. 15

(*12761-6511) Wt. 18889-1284 70M 8/43 T.S. 700 (*13799-9511) Wt. 44067-3384 150M 1/44 T.S. 700 FOR THE MONTH OF December, 19 44

DATE	AIRCRAFT	CREW	Dury		TIME		1.2
	TYPE & NUMBER		DOTT	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
26th Dec.	Halifax III	(Captain) J28667 F/O R.H. Simp	sen DFC Bombing	13:12	19:28	Bombed at 15:35 hours from 10,000 feet, full load	
	"X" MZ-815					dropped. Results were good. Diverted to Leuchars.	
						A Market Market All Control of the Control	
26th Dec.	Halifax III	(Captain) J29592 S/L W.C. Pier	e Bombing	13:14	18:51	Bombed at 15:35,8 hours from 11,000 feet, 0734, spec	a
	"Y" NZ-910	The second secon				165, full load dropped. Encountered H/F. Diverted to	- H
P. 10						Leuchars. Bombing concentrated.	
	***************************************			- 5			
26th Dec.	Halifax III	(Captain) J27716 F/O R.F. Berts	an Bombing	13:13	19:15	Bomb load for this A/C:- 1 x 2000 lb, H.C.N.I.	
	"N" MZ-857					Clear, target identified visually and by T.I's.	
						Bombed at 15:36.2 hours from 11,000 feet, heading 063T, s	peed
						165 I.A.S., Pickwick. Good prang, concentrated bombing.	*
				20		Landed at euchars. Good concentration of A/C. We hear	a
	y					very clearly on Marconi only.	
≸ /28 Dec.	Halifax III	Target, all A/C:- "OP	IADEN"			Bcmb load, each A/C:- 3 x 500 lbs. & 9 x 1000 lbs.	(Appendix "I"
		(Captain)					Battle Order
2/28 Dec.	Halifax III	J89783 P/O J.D. O'Net	l Bombing	03:16	.09:22	10/10ths low stratus, tops 8,000 feet, visibility	No. 211,
	"A" NR-120					good. Target identified by red and green T.I. Bombed	attached)
				***************************************		at 06:35.4 hours from 18,000 feet, heading 100 degrees,	
						speed 165, on centre of red T.I's. Not a great deal could	
						be seen. Glow seen underneath should indicate a good raid	1 1
						If T.I's were well placed raid should be successful.	
-						Good trip, concentrated and somewhat congested.	
							15
		V-10-10-10-10-10-10-10-10-10-10-10-10-10-		6 篇			
					1	The state of the s	***************************************
	7	7	1 1 to 1 to 1 to 1				-

DATE	AIRCRAFT	Crew	Dury	1	Гиме	DETAILS OF SORTIE OR FLIGHT	References.
DAIL	Type & Number		Doll Lawy	UP	Down	DETAILS OF SORTIE OR PLIGHT	KEFERENCES.
#/28 Dec.	Halifax III	(Captain) C35376 F/O W.G.R. Sing	oson Bombing	03:12	09:11	Low fog and high cirrus tops, 21,000 feet, visibility	
	"H" MZ-909				0	good. Target identified by red and green T.I. Bombed at	
						06:37 hours from 18,000 feet, heading 050 degrees, speed	
	-					165, on concentration of red and green T.I. Quite a	- 3
						bright glow in cloud over target, may have been some fires.	
						Bombing well concentrated and explosions could be seen.	
						Marking was good. If Tal's were on target it should be a	
	1				Part I	good raid. Concentrated and congested, good trip.	
				- , - ; -			
#/28 Dec.	Halifax III	(Captain) J8917 F/L D.S. Rogers	Bombing	03:17	09:04	10/10ths haze from 1000 feet down, visibility poor.	
	"L" MZ-425					Target identified by red and green T.I. glow checked by	
		*	·			Gee and H2S. Bombed at 06:35 hours from 19,000 feet,	
						heading 0507, speed 155, on centre of concentration of	
		<u> </u>	4 2 2 3			glow of red T.I. Only glow of T.I's seen at A/P. T.I's	
	1			- 1- 3		cascading on run up. Other bombing not located but seem-	
				1 8		ed concentrated around E.I. Concentration to target good	
-		1				and on way back. Seemed good attack, no difficulties.	
A/28 Dec.	Halifax III	(Captain) C20393 F/L R.W. Patter	son Bombing	03:38	09:20	10/10ths strato ou., tops 4,000 feet, visibility good.	
	"N" MZ-419			272.13		Target identified by red and green T.I. homed on Gee.	-
						Bombed at 06:36.8 hours from 20,000 feet, heading 054T,	
						speed 155, on centre of glow of red. Glow of T.I. well	
						concentrated. Few bombs burst around markers. Jettisched	
						1 x 500 lbs., 5140N 0150B, 07:50 hours, 9,000 feet, safe,	v 1.
						fell through bomb door. Heavy congestion, concentration	1,-1 = -,
	, ,				C	of A/C good. If markers accurate should be a successful	
			9 1.45.65.4		4	raid.	

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APPENDIX.....

A.F.

DETAIL OF WORK CARRIED OUT

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

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(*12761-9511) Wt. 18889-1784 70M 8/43 T.S. 700 (*13799-9511) Wt. 44069-3384 130M 1/44 T.S. 700 FOR THE MONTH OF December, 19 44 TIME REFERENCES. AIRCRAFT Type & Number DETAILS OF SORTIE OR FLIGHT DATE Up Down (Captain) son DFC Bombing 1/28 Dec. Halifax III J28667 F/O R.H. Simps 03:22 08:51 No cloud, heavy haze, visibility good. Target identified by red and green T.I. homed on Gee. Bombed at 06:345 "S" MZ-883 hours from 19,000 feet, heading 051T, speed 165, on centre of red and green T.I. T.I. and bombing very well concentrated. Slight congestion, good concentration of A/C. Halifax III J734 F/L E.E. Barsby 10/10ths cloud to 1000 feet, visibility fair above 03:03 09:14 Bombing "T" NR-135 only. Target identified by red and green T.I. checked on Gee lattice line. Bombed at 06:39 hours from 20,000 feet, heading 040T, speed 155, on centre of glow of concentration of red and green T.I. T.I. were on time and seemed well placed. Bomb bursts seen were mainly in the concentration of T.I. Good attack if the PFF was accurate. Concentration over target was good, no difficulties. (Captain) J6269 F/L J.E. Vallance 10/10ths ground fog, visibility good. Target identi-17/28 Dec. Halifax III Bombing fied by red and green T.I. homed on Gee. Bombed at 06:34. "V" MZ-464 hours from 19,000 feet, heading 050T, speed 160, on centre of green T.I. T.I. well concentrated. If PFF accurate it should be a successfull raid. Jettisoned, safe, 1 x 1000 lbs, Hung up, 5215N 0305E, 09:05 hours, 2000 feet. Landed at Woodbridge, shortage of fiel. Slight congestion on way out. Good concentration of A/C over target.

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DATE	AIRCRAFT	CREW	Control Carlo Control		Time		
DATE	Type & Number	CREW	Duty	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
440-		(Captain)					
7/28 Dec.	Halifax III	J9554 F/L R.W. Andrew	Bombing	03:31	09:23	Thick haze, tops 1500 feet, visibility good. Target	
	"W" IW-122		7 7 7 7 7			identified by red and green T.I's cascading, Gee fix.	
						Bombed at .06:39.5 hours from 18,000 feet, heading .048T,	
						speed 165, on centre of red glow of T.I's. Several orange	
						explosions with red glow over T/A which could be seen 50	
			a			miles. Jettisoned 2 x 1000 lbs., safe, 51050 0150E,	
					100	07:55 hours, 7,000 feet, and 5110N 0140, 08:02 hours, hung	50
		Marian Land		10.05.0		up. Landed at Rivenhall due to shortage of petrol. Fair-	
				3 6 6		ly good effort, considered to be too short of petrol	- 4
		the state of the state of				to proceed to allotted jettison area.	- 4
#/28 Dec.	Halifax III	(Captain) J28647 F/O T.J. Kelly	Booking	03:34	09:13	Medium aloud and low fog, visibility good. Target	/
-	"X" MZ-815				1	identified by red and green T.I. and API and Gee. Bombed	
-					-	at 06:35 hours from 20,000 feet, heading 048 degrees, speed	-
	1000	The second of				170, on centre of red and green T.I. Marking was excellent	_
	- 76					reds and greens were falling on top of each other. Bomb-	
						ing was definitely concentrated and around A/P. Good raid	- 1
		Sherika - Tanak			15 66	if the T.I's were on AP/. Some congestion but concen-	
	7 7 6					tration definitely tight. Good trip.	
manifestation of the state of t		(Alleria de la constitución de l					
28th Dec.	Halifax III	Target, all A/C:- "OSLC	FJYORD* (Gar	dening)		Mine load, each A/C:- 1 x F638/22, 1 x F638/22, 1 x 6706, & 1 x 6718. Each mine weighs 1900 lbs	Appendix "J"
28th Dec.	Halifax III	(Captain)					***************************************
Zoth Dec.		J25885 F/L D.F. McGrath	Gardening	16:01	22:52	Gardened at a position 592412N 1031E, at 19:50 hours	No. 212,
	G NR-137						attached.
						with moonlight. Inter-com. U/S from point F. Two para- chutes seen to open. Convoy of approximately 10 ships seen	
100						4 miles to port, 5847N 1005E, 20:07 hours, 3,000 feet.	

MAN NOUNGE

APPENDIX

A.F.

DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

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	AIRCRAFT			Т	DME		1
DATE	Type & Number	Crew	Dury	UP	Down	DETAILS OF SORTE OR FLIGHT	REFERENCES
28th Dec.	Halifax III	(Captain) J86735 F/O R.A. Forbe	s Gardenin	g 15:58	22:54	Gardened at a position 592412N 1031E, at 19:48 hours,	1
1	"0" NP-936					from 5000 feet, heading 352T, speed 180. Moonlight, no	
						cloud. No trouble maping and identifying A/P.	
00.11 D		(Captain) J27716 F/L R.F. Bertr	an Gardening	15:56	23:01	Gardened at a position 592412N 1031E, at 19:53.36	
28th Dec.	Halifax III "P" NP-937	32//16 F/D R.F. Del' W	an Gardening	15:50	23101	hours from 5,000 feet, heading 349T, speed 169. Good trip	
	2 14-351					and very successful.	
							······································
28th Dec.	Halifax III	(Captain) J89420 P/O R.F. Saund	ers Gardening	15:57	23:09	At position 5850N 1050E, 19:45 hours, 5,000 feet,	
	"Y" MZ-910					three large ships and 4 or 5 smaller ones seen, no wake	
						seen. Gardened at 19:59.37 hours from 5,000 feet, head-	
				200		ing 348T, speed 175. No cloud, clear moonlight, visibi-	
						lity perfect. Map reading very good	
		10000			100		
29th Dec.	Halifax III	Target, all A/C:- "GB	ERLAR"	2 3 -		Bomb load, each A/0:- 16 x 500 lbs.	Appendix
	120	173059600000		1.12			Battle Or
29th Dec.	Halifax III	(Captain) C35376 F/O W.G.R. Sim	pson Bombing	15:39	21:51	10/10ths stratus, tops 2000 feet, visibility good.	No. 213,
	"A" NR-120					Target identified by red and green Til. Bombed at 19:18.5	attached.
						hours from 19,000 feet, heading 053, speed 160, on centre of red and green. Not much could be seen through cloud.	
						Marking looked concentrated. Good trip and effort may	
						develop, A/C was in early.	
	er di diser situal	0					
	1	1.75-1.22.25					
		P					
A CONTRACTOR OF THE PARTY OF TH		SUPPLIES OF THE PROPERTY OF THE	STREET, SERVICE OF STREET, STR				Belleville Street

DATE	AIRCRAFT Type & Number	CREW		DUTY	all all	Trace		
-	THE WINDER	(Captain)			UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENC
29th Dec.	Halifax III	J89783 P/O J.D. O'N	eil_	Bombing	15:46	21:53	Ground haze, 2000 feet, visibility good. Target	
	"H" MZ-909						identified by red and green T.I. cascading. Scobed at 191 hours from 18,000 feet, heading 045T, speed 160, on centre	21.3
							of concentration of reds. Red glow through haze and black	
	•						smoke rising after leaving target. Good concentration of	
		A sugar so					A/C in stream, good trip.	***************************************
29th Dec.	Halifax III	(Captain) R171272 F/S Smyth, N	D.	Bombing	15:43	22:23	10400	
	"J" 1/2-905						10/10ths cloud, tops 3000 feet, visibility above	
	10.0						good. Target identified by Wangamui and glow of markers,	
				•			check on Gee lattice homing. Bombed at 19:23.5 hours from 17,000 feet, heading O48, speed 165, on Wanganua, one	
				***************************************	9			***************************************
					***************************************		cluster. Red glow beneath cloud, only one sky marker seen	***************************************
							when bombing. Other bombing not seem. Good trip, not	
		2200			***************************************		able to assess raid, no difficulties. Concentration not as good as usual.	
		residence.					Source of Hallett	
th Dec.	Halifax III	(Captain) J19459 F/O B.R. Smyth		Bombing	40-21			
	"N" MZ-857					21:55	10/10ths cloud or fog, visibility excellent. Target	
							identified by red T.I's cascading and Gee fix. Bombed at	
					100		19120.5 hours from 19,000 feet, heading 040T, speed 155,	
							on red T.I. cascading. Huge orange explosion at 19:19	
							hours. Smoke and dust seen rising after leaving T/A. Good trip.	
					-		GOOD TIP.	
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APPENDIX



DETAIL OF WORK CARRIED OUT

By No. 453 (R.C.A.F.) Squadron

SECRET

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(*12761-9511) Wt. 14809-1284 70H 8/43 T.S. 700 (*13799-9511) Wt. 44067-3384 150H 1/44 T.S. 780 FOR THE MONTH OF Degember 19 44 TIME Aircraft Type & Number UP DOWN DETAILS OF SORTIE OR FLIGHT REFERENCES. (Captain) Halifax III 29th Dec. J7344 F/L B.E. Barsh Bombing 15:23 21:50 10/10ths low stratus, tops 2-3,000 feet, visibility "T" NR-135 above good. Target identified by red T.I. seen cascading. at 19:17 hours, checked on Gee lattice line. Bombed at 19:19.5 hours from 18,000 feet, heading 052T, speed 155, on bright glow of red T.I. beneath ground fog. Several clusters of T.I. cascading during run up. Green T.I. observed in this concentration on leaving target. Large orange explosion, 10-15 seconds duration, seen on leaving target. Too early to assess bombing. Early in bombing, T.I. seen through ground fog, if they were on it should develop into a good attack. Concentration good, no difficulties. Halifax III 15:48 22:00 10/10ths strate cu., tops 2,000 feet, visibility Bombing above good. Target identified by red T.I. followed by "V" MZ-464 green T.I., checked on Gee run. Bombed at 19:22 hours from 17,500 feet, heading 053T, speed 165, on centre of glow and red T.I. cluster of about three. More red T.I. cascading on run up. T.I. well concentrated, green T.I. together. Bombing seemed on the markers and fires seen. Good attack if markers 0.K. Good ognoentration, no congestion, no difficulties. 10/10ths strata cu., tops 2-3000 feet, visibility above good. Target identified by green sky markers and Halifax III J6269 F/L J.E. Vallance B colbing 15:28 21:57 "W" IW-122 red stars, checked on Gee lattice line homing. Bombed at 19:18.8 hours from 20,000 feet, heading 050T, speed 155, on centre of three groups of sky markers. Red glow of T.I. un cloud, sky markers well grouped. Early in raid, other book ing not seen.

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	AIRCRAFT	CREW	Dury	A STATE OF THE PARTY OF THE PAR	IME	Details of Sortie or Flight	REFERENCES.
DATE	Aircrapt Type & Number		DUIT	Up	Down		
29th Dec.	Halifax III	(Captain) J8418 S/L H.K. Stinson	DFC Bombing	15:50	22:01	10/10ths cloud, tops 2,000 feet, visibility excellent.	
	"R" NR-136	V 44				Target identified by red T.I's cascading, checked with Gee	
						fix. Bombed at 1948.5 hours from 20000 feet, heading 056T	
		,				speed 155, on centre of red glow. Bomb bursts seen through	
				1.50		clouds. Target well marked with T.I's followed by Wangamui	
		1				Concentration of A/C on target good.	
Sth Dec.	Halifax III	(Captain)	Bombing	15:35	21:54	10/10ths stratus, tops 3000 feet, visibility good.	
2 011 1000	"P" NP-937					Target identified by red and green T.I. Bombed at 19:19.8	
		-				hours from 19,000 feet, heading 050, speed 155, on red and green T.I. Glow of T.I's seen, and two small and one	
					-	large explosion at 19:20 hours making a terrific glow on	
					1	clouds then dying down. No accurate assessment possible,	
					-	bomb bursts and explosions blanketed T.I's. If T.I's were	
					100	good it could develop into a good raid. Concentration	
						very tight, good trip.	ļ
		Take Wastern Control					
29th Dec.	Halifax III	(Captain) J8917 FAL D.S. Rogers	Booking	15:43	22:03	10/10ths low aloud, tops 3,000 feet, visibility above	
	"G" NR-137					very good. Red T.I. cascaded on run up, checked Gee and	
						H2S. Bombed at 19:19.8 hours from 18,000 feet, heading	-
i						053T, speed 165, on glow of red T.I. that had been seen to	
						cascade. T.I. all in a small group, too early to assess	-
						raid. Rear Gunner saw bluish flame on leaving target,	
	,					black smake to top of cloud. Good trip, no difficulties.	
						A STATE OF THE STA	
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APPENDIX

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DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

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	AIRCRAFT	Crew	Dury	T	DATE	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
DATE .	TYPE & NUMBER	CREW	DUTY	UP	Down	DETAILS OF SORIES OR FLIGHT	Karekanosa
29th Dec.	Halifax III	(Captain) J89607 P/O G. Walton	Bembing	15:42	22:04	10/10ths st. cu., tops 5-6,000 feet, visibility	
	"L" MZ-425		1			good above. Target identified by red T.I. checked on Gee	
			1 1 20			lattice line. B cmbed at 19:21 hours from 19,000, feet,	
				n There's		heading 015T, speed 155, on centre of red glow in cloud.	
BX1-11114-1-4-19-1-1-1-1-1						Red T.I. well grouped. Greens down early some distance .	
						from reds, later greens C.K. Wanganui on later, Several	
		-				large explosions seen after bombing. Good trip, should	
	***************************************					be good if T.I. O.K. Made dog leg to starboard on run	
						in because of being early. No difficulties.	
				- 41 6	4 11		
29th Dec.	Halifax III	Target, all A/C:- "OS	SLO AREA" (Garde	ning)		Mine load, each A/C:- 4 x 1900 lb. Sea Mines, Mk. VI.	Appendix "L" Battle Order
-		(Captain)					No. 213,
29th Dec.	Halifex III	J27868 F/O S.V. McKel	lar Gardenin	g 15:29	23:27	Gardened at a position 59342N 102542B, at 19:02.35	***************************************
	"S" MZ-451					hours from 2000 feet, track 193, speed 161. Clear with	Part 2,
						light haze, visibility good. Good trip and mines laid	attached.
	***************************************					in allotted area. No difficulties encountered.	<u> </u>
29th Dec.	Halifax III	(Captain) J89420 P/O R.F. Saund	ers Cardening	15:45	23:22	Gardened at a position 593422N 102542B, at 19:13.12:	
	"L" MZ-902	N. M. Marie St.			-	hours from 2,000 feet, track 191, speed 761, Hagy,	
						visibility fair. Good trip and mines laid in areas	
						allotted.	

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DATE	AIRCRAFT	CREW	Dury	1 1	Time	The second secon	1
	Type & Number		DOTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES.
30/31 Dec.	Halifax III	Target, all A/C:- "O	DLOGRE"			Bomb load, each A/C:- 1 x 2000 lbs., 4 x 1000 lbs. &	Appendix "N"
	78					8 x 500 lbs.	Battle Order
3 9/ 31 Dec.	Halifax III	(Captain) J19626 F/L J.L. Egger	Bombing	17:35	23:56	10/10ths strate cu., tops 12,000 feet, visibility	No. 214,
	"A" NR-120					good. Target identified by red flares and green stars,	attached.
					1000	homed on Gee. B ombed at 21:05.5 hours from 20000 feet,	***************************************
		7				heading 100T, speed 155, on centre of four red flares.	
	•••••••••••••••••••••••••••••••••••••••					Very good sky marking, well concentrated, Many bomb	
		******	4			bursts under cloud base where sky markers were going down.	tie
						No congestion, stream well concentrated,	
		(Captain)				. (2,	
30/31 Dec.	Halifax III	C35376 F/O W.G.R. Six	pson Boobing	17:31	00:10	10/10ths cloud, tops 9,000 feet, visibility excellent.	
	"F" MZ-872					Target identified by Wangamui and homing on Gee. Bombed	1 25
						at 21:10.3 hours from 20000 feet, heading 103T, speed 160,	
						on one red and green flare. Wanganui pretty well scattered	
						over T/A. Bright glow through clouds and flashes of.	
						explosions on leaving T/A. Good concentration of A/C over	
						target. Winds higher than briefed and may have blown	
	······································					Wanganus off A/P to the south	
		(Captain)				<u> </u>	
30/31 Dec.	Halifax III	J89607 P/O G. Walton	Bombing	17:51	00:07	10/10ths st. cu., tops 6,000 feet, visibility good	- 1
	"G" NR-137		1 1 1 1 1 1 1 1 1 1			above. Target identified by Wanganui, checked by Gee fix	1
						Bombed at 21:07 hours from 19,000 feet, heading 1007,	
						speed 160, on Wangamui disappearing through cloud.	-6
						Wanganui somewaht scattered, lots of bomb explosions in	1
						the area designated, assessment doubtful. Very good	
		Astronomy and Added				raid, concentration of A/C good, no congestion, no difficul-	
Section 1						ties.	

MAN POLUDE

APPENDIX

A.F.

DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

DATE	AIRCRAFT	CREW	Dury	-	IME	DETAILS OF SORTER OR FLIGHT	REFERENCES
2010	Type & Number		7.78	UP	Down		-
30/31 Dec.	Halifax III	(Captain) J25885 F/L D.F. McGra	th Bombing	17:45	00:13	10/10ths strato cu., tops 8,000 feet, visibility very	
	"J" 1/2-905		A			good. Target identified by H2S and flares, red. Bombed	
-	- 4			1000	Jack 196	21:07.8 hours from 18,500 feet, heading 093, speed 160, on	
				pic with		H2S only. Some sky markers were about 12 to 2 miles south	
***************************************						of Cologne and on west of Rhine River. Two bunches of	
			v Takensta			sky flares seen, widely scattered as much as four miles.	
						Many explosions seen through cloud. Would assess as a	
						scattered raid, only bomb bursts seen. A/C appeared to	
***************************************						come in on correct heading, then weered south to bomb sky	
-			,			flares,	
30/31 Dec	Halifex III	(Captain)	an Bombing	47.77	00:09	10/10ths cloud, tops 6,000 feet, visibility good.	
30/ 31 Dec.	"M" MZ-419	J27716 F/L R.F. Bertr	an	11.4.31		Target identified by Gee fix and Wanganui. Bombed at	
						21:07.2 hours from 20000 feet, heading 100T, speed 155, on	
-						red and green Wangamui. Glow seen through clouds. Wang-	
						anui appeared to shift to south with wind and number of	
	***************************************					A/C in stream drifted to starboard of A/P.	
-							
30/31 Dec.	Halifax III	(Captain) J27868 F/O S.V. McKel	lar Bombing	17:44	00102	10/10ths st. ou., tops 6,000 feet, visibility good	
/	"P" NP-937					above. Target identified by Wanganui, checked on Gee	
	-					lattice line. Bombed at 21:08 hours from 19,500 feet,	
			AND DESCRIPTION	1916	W	heading 1007, speed 160, on clusters of red and green stars	•
						Sky markers were well placed, Other bombing on markers,	
				_ (only red glow seen on clouds. "Bang on show", concentra-	-
						tion good, no congestion and no difficulties.	
		1000					
		F. 10 20 20 11 11 11					
							1

AIRCRAFT	Comm	Deven	T	TIME		A STATE OF
Туре & Number		DUTY	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
Halifax III	(Captain) J29592 S/L W.C. Pierce	Bombing	17:19	00:16	10/10ths low strata ou., tops 6-8,000 feet, visibili-	
"Q" NZ-417				1000	ty good. Target identified by Manganui and Gee fix. Bomb-	
					ed at 21:08,5 hours from 19,000 feet, heading 098T, speed	15.00
					160, on centre of red and green flares. White glow seen	
			2-15		through clouds, some small and large explosions seen.	
					Wangamui 1½ to 2 miles south of MP as checked on Gee.	
	And Charles . And See				No congestion over target, met. good except for stronger	
					winds, tactics good.	
Halifax III	(Captain) J6269 F/L J.E. Vallance	Bombing	17:36	00:03	10/10ths cloud, visibility good. Target identified	
"R" NR-136	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Later Commence			by red flares and Gee check. Bombed at 21:07.3 hours from	
					18,500 feet, speed 160, heading 100, on north edge of	-
	196	- 1 mg 32			white glow under cloud. Two red flares well off to port,	-
	- 18 mar 18	400	6		about 500 yards when A/C bombed but the one it was running	
					up on went out before bombing. Gee check would make all	
	[bombing overshooting of A/P. If white glow seen under	***************************************
7.			The second	7		***************************************
	-					
	1.9	1000			centration of ave over targets	***************************************
Habifax III	(Captain)	Rowhing	17:42	23:50	10/10ths stratus. tops 3-4.000 feet, visibility good.	-
"T" NR-135	ALJM SIM BANK HOLDE	DOLULING				***************************************
		a				<u></u>

			-	C		_
	a				and tires. White glow covered very large area. As far as it could be assessed raid was fair, depending on PFF marking. Concentration of A/C O.K., route and tactics goods	
	Halifax III "Q" MG-417 Halifax III "R" NR-136	Halifax III (Captain)	Halifax III J29592 S/L W.C. Pierce Bombing "Q" MW-117 Halifax III (Coptain) J2650 F/L J.E. Vallance Bombing "R" NR-136 Halifax III (Captain) J7344 F/L E.E. Baraky Bombing	Tyre & Nomes CREW Doty Up (Captain) J29592 S/L W.C. Pierce Bombing 17:19 "Q" MZ-117 "Balifax III (Gaptain) J2569 F/L L.E. Vallance Bombing 17:36 "R" NR-136 Habifax III (Captain) J7344. F/L E.E. Baraby Bombing 17:42	Type & Nomes	Halifax III J29592 3/L W.C. Flerone Bombing 17:19 00:16 10/10ths low strata ous, tops 6-8,000 feet, visibility on the strata ous of the strata out of

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APPENDIX

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT
By No. 433 (R.C.A.F.) Squadron

SECRET

	AIRCRAFT	CREW	DUTY	DETAILS OF SORTIF OR FLIGHT	REFERENCES		
DATE	TYPE & NUMBER		Don	UP	Down		
30/31 Dec.	Halifax III	(Captain) J19459 F/O E.R. Smyth	Bombing	17:41	00:06	10/10ths stratus, tops 5,000 feet, visibility fair.	
	"V" 1/2-464	1 2 2 2 2	7 (2 6)01			Target identified by sky marking, red with green stars	
		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1				and Gee fix. Bombed at 21:08.7 hours from 20,000 feet,	
•						heading 100, speed 155, on concentration of flares. Ran	
	********************************		The state of the state of			up on three flares and aimed on centre. Whole mass of	
						white flares seen through cloud and bombs seen bursting	
	***************************************		8			through cloud. Appeared to be a good raid. If flares on target it should be a good raid. Concentration of A/C	
						good and bombing on good headings. Good trip.	

70/71 5	Halifax III	(Captain)	Bombing	17:36%	00:15	10/10ths stratus, tops 9,000 feet, visibility good.	
30/31 Dec.		J9554 F/L R.W. Andres	Bombing			Target identified by Wangamui, red and green stars. Bomb-	
	"#" L#-122					ed at 21:09.4 hours from 19,500 feet, heading 097, speed	
	***************************************					160, roughly on the centre of six scattered flares. Flares	
						were scattered and were burning out. Ground markers could	
		-		***************************************		be seen faintly through the cloud, A/C's bombs were slight-	ly
						north of these. Could not tell much about target due to	
	***************************************					cloud. Definitely an uncertain effort, if PFF were C.K.	
				1.12.000		may be a fair effort. Concemtration 0.K., headings good.	
	····				100		
30/31 Dec.	Halifax III	(Captain) J89783 P/O J.D. O'Nei	1 Bombing	17:38	23:47	10/10ths stratus, tops 2-3,000 feet. Farget identi-	
	"X" 1/Z-815	NOT COLUMN	DOINTING.		W	fied by sky marking, red with green stars and Gee check.	
	A 34-015					Bombed at 21:09 hours from 19,600 feet, heading 105 degrees	
		-				speed 160, on red flare with green s tars. There were	
	-				0.00	numerous explosions and what seemed to be fires but could	1 2
		1				not tell definitely due to cloud density. Landed at Ossing	-
ar u				1-172-5		ten due to starhoard inner engine U/S. Depending entirely	100
	and American Control				July Her	on the PTF marking it could be a fair raid if markers on. Concentration good, some congestion.	
41.45					-	Contractive Service A	

DATE	AIRCRAFT Type & Number	CREW	Dury	L STORY	TIME	TO THE POPULATION OF THE POPUL	
		(Captain)	200	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENC
30/31 Dec.	Halifax III	R171272 F/S Smyth, h	.R. Bombing	17:43	23:59	Bomb load for this 1/C.	+
	"L" 1/2-425	The Late Late Control				Bomb load for this 1/C:- 1 x 2000 lbs., 4 x 1000 lbs., 6 x 500 lbs.	h .
	<u> </u>		100000000000000000000000000000000000000			The state of the s	
						10/10ths aloud, tops 8/9,000 feet, visibility very	
						good. Identification of target checked by Gee and glow,	
			•••••••••••••••••••••••••••••••••••••••			flares were to starboard. Bombed at 21:07.5 hours from	
						18,000 feet, heading 102, speed 160, on glow. Wansanui	
				-		flare faded out so 4/C had to bomb on glow, white in cen	tre.
-				ļ		One flare burst to port near as A/C bembed. Could see	
						explosions 50 miles away. Could not assess due to dense	*****
						cloud cover. Tactics and met. good and concentration of	***************************************
			**			A/C over target fair only.	
31st Dec.	7. 7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.					1 1	
JIST Dec.	Halifax III	Target, all A/C:- "OS	LO FJYORD" (Ga	rdening)		Mine load, each 4/C:- 4 x 1900 lbs. Mk. VI Mines.	
		(Canta in)				12 411734	Appendix "N
31st Dec.	Halifax III	(Captain) J85735 F/O R.A. Forber	s Cardening	16:21	23:14	Gardened at a position 590924N 105745E. Direct .	Battle Orde
	"J" MZ-905		- 14 15 -1			visual on track 171T and 63 seconds overshoot of Fred-	No. 215,
						rekstad. Mined at 20:32 hours from 500 feet, track 172,	attached.
					- 12- 51	Speed 168 No. 313	
		***	D-11- 25-1			speed 168. No wind vector used at this height. No	
		100 (000)				cloud above or below, very hazy. No cameras carried. All	<u> </u>
						four paraclutes seen to open. A/C circumvented Fredrek-	
		, , , , , , , , , , , , , , , , , , , ,				stad due to intense L/F from city. (May fly over this bad	
						flak position) Wake of boats seen where A/C dropped its	
						mines.	
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7	1000	4					
							1 1 1 1 1
1	ter management					Carting & Banks Carting	
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APPENDIX.....

A.F. FORM 541.

DETAIL OF WORK CARRIED OUT

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

SECRET

Dom	AIRCRAFT	CREW	D		Томе	D-10-10-10-10-10-10-10-10-10-10-10-10-10-	Day
DATE	Type & Number		Duty	UP	Down	DETAILS OF SORTIE OR FLIGHT	REFERENCES
31st Dec.	Halifax III	(Captain) J27716 F/L R.F. Bertr	an G ardening	16:18	23:22	Gardened at a position 590924N 105745E. Direct	
	"M" MZ-419		100 Page 100		100	visual track true 171, timed run of 63 seconds from	
						Fredrekstad. Mined at 20:27.12 hours from 500 feet,	
la constitution of the con				1		track 165, speed 170, no wind used at this height. Clear	
						visibility, no cloud, very slight haze. No cameras carried,	
			<u> </u>			H/F encountered at Fredrekstad, 500 feet, 23:20 hours.	
					1	Tide was low when 1/C mined and several small islands	
					1	or boats seen. "Can we have information re tidal briefing"	
31st Dec.	Halifax III	(Captain) J27868 F/O S.V. McKell	lar Gardening	16:15	23:21	Cardened at a position 590924N 105745E. Direct visual	-
	"P" NP-937					on a track of 171T and timed run of 63 seconds from centre	
		-				of Fredrekstad. Mined at 20:30.58 hours from 700 feet,	
						track 170T, speed 170. Clear, no cloud or haze. No	
						cameras carried. All mines seen to enter water. No	
						Mosquitoes seen whatsoever. Much ship activity around	
						mining area.	
		72					
31st Dec.	Halifax III	(Captain) J89420 P/O R.F. Saunde	ms Gordening	16:16	23:17	Cardened at a position 59093CN 1052CCE. Timed run	
	"T" NR-135					of 129 seconds from visual pin point 590624 on track	
-				Acres in the second		039T to RP sighting angle 75 degrees. Mined at 20:22	
						hours from 5000 feet, track 041T, speed 173. Clear,	
				-1 15 4		very good visibility. Good trip, mines in allotted	
		-		Same Park		area, some difficulty in briefed R.P., no difficulties	
S. C.						otherwise.	
						/Concluded over	
					······································	/ conduded over	
		of the second	20 - 1				
Missississis in the							

DATE TYPE &				Up	Dows	DETAILS OF SORTIE OR FLIGHT CROWN And Ling (G. A. Tembling) Wing Ormander. Officer Commanding,	REFERENCES
						(G. A. Tembling) Wing Ormander, Officer, Commanding,	251
						(G. A. Tembling) Wing Ormander, Officer, Commanding,	
						(G. A. Tambling) Wing Domander, Officer, Commanding,	
						(G. A. Tambling) Wing Commander, Officer, Commanding,	
						(G. A. Tambling) Wing Commander, Officer, Commanding,	
				1		Officer, Commanding,	***************************************
		* *					
		* *		10-15-		No. 433 (R.C.A.F.) Squadron.	
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