

NAVIGATIONAL OBSERVATIONS

(For Name, Firm, Position Line, Actual T.P.C. Actual Dept. L.S. and M.V. Placements, etc.)

GENERAL

(Date, Conditions, Sounding, Tides, Empty Arches)

Waches Synchronised W/T G.S.

1760	374	350/55	322	24	328	3007	J	K	5078 0700E	212	11	212	216	27	6	22.19
	370	350/55	322	6	327	3007	K	L	5077 0700E	212	11	212	216	20	5	22.19
	370	350/55	322	7	327	3007	L	M	5076 0710	212	11	212	216	5	5	22.19
	330	350/60	327	7	324	3007	M	N	5075 0710	212	11	212	216	13	5	22.19
	325	350/60	325	7	320	3007	N	O	5074 0710	212	11	212	216	24	5	22.19
	325	350/60	325	8	320	3007	O	P	5073 0710	212	11	212	216	13	5	22.19
	325	350/60	325	9	317	3007	P	Q	5072 0710	212	11	212	216	7	5	22.19
	323	350/60	323	10	317	3007	Q	R	5071 0710	212	11	212	216	17	5	22.19
	322	350/60	322	11	320	3007	R		5070 0710	212	11	212	216	17	5	22.19
						3000										
1765																
1766																
1760																
1800																
1801																
1819																
1845	022	360/55	20	11	031											
1850																
1850																
1902																
1908																
1910																
1911	028	360/60	06	10	034											

Signed

Name

SQUADRON

A/C NUMBER AND LETTER

CAPTAIN

W. JOHNSON

NAVIGATOR

CPT. SMOGOSKY

DATE

9/13/44

FORECAST W/Vs AND AIR TEMPS.

STAGE FROM TO	300 FT.		500 FT.		1000 FT.		3000 FT.		5000 FT.	
	From (T)	Speed	From (T)	Speed	From (T)	Speed	From (T)	Speed	From (T)	Speed
	TEMP °C		TEMP °C		TEMP °C		TEMP °C		TEMP °C	

+ 330 *Parade*

AIR MILES 1259

POSITION

SUN

RISES

SETS

MOON

RISES

SETS

TWILIGHT

A.M.

P.M.

Hamburg

WATCH

1st
Man AT

GMT. ON

GD. RATE

1st
Man AT

ORDERS

440 H-H-12 W/D 7020E-D - 6050E

H.S. OFF - 0730E H = 2130

T/O 18 19 S/C 18 48

5°C A 5°C X/H/1 AT 2110 1900

TIME	W/D TRACK (T)	W/V USED AND COMPUTED DRIFT	Course (T)	VARK	Course (P)	Course (C)	Course (C) H/S	ROUTE		HEIGHT R.A.S. & AIR TEMP.	T.A.S.	D.R. G/S	DIST. TO RUN	D.R. TIME	ETA
								FROM --	TO --						
148	023	360/5	020	H	020	020	150	BASE	WILBY	12 15 193	80	35	20.5	1900	
	011	360/5	073	H	073	073	150	KIRBY	A 55 N 0500E	12 15 193	78	36	7.6	2020.5	
	040	360/5	072	H	072	072	150	A	B 0500E	12 15 193	182	20	6.5	2031	
	090	360/5	077	H	077	077	150	B	C 55 N 0700E	12 15 193	187	20	19	2050	
	147	360/5	100	H	100	100	150	C	D (new) 0720E	12 15 193	206	23.5	6.0	2105	
	174	360/5	095	H	095	095	150	D	E 5410 0950E	12 15 193	216	24	17.5	2122.5	
	172	360/5	109	H	109	109	150	E	Δ 3330 0957	12 15 193	226	25	6.5	2131	
	172	360/5	109	H	109	109	150	A	F 5220 0957	12 15 193	226	30	3	2136	
	270	360/5	056	H	056	056	150	F	G 5220 0957	12 15 193	226	30	6	2146	
	314	360/5	025	H	025	025	150	G	H 0730E	12 15 193	226	30	6	2156	
	326	360/5	022	H	022	022	150	H	T 0730E	12 15 193	226	30	7	2206	

PFF. No. 100014 Y WASHINGTON
H-6 H-6 H-6 H-6 H-6 H-6 H-6 H-6 H-6 H-6
FLARES

SQUAD	TIME	RQD TRACK (T)	WYV (REQD AND COMPUTED DEPT)	Course (T)	VARSN	Course (H)	Course Corrs. for Devs.	Course (C)	NAVIGATIONAL OBSERVATIONS (Pr. Points, Fixes, Position Lines, Actual T.P.L.C., Actual Dst., GS and WYV Readings, etc.)	GENERAL (Mor. Conditions, Bombing Load, Empty Action)	P.A.S.	HEIGHT & AIR TEMP.	T.A.S.	D.R. G.S.	EST. TO RUN	O.R. TIME	E.T.A.	
	1918								✓ X 87.05 C 39.41 Δ 5442 0004		170	15.5 153						
	1920								Z EQUIP. ONLY ✓ X 87.04 C 38.60	027/20	170							
	1924								✓ X 87.77 C 38.11 Δ 5451 A 0051 E	115	180	15.5 153						
	1930								□ A/c A.	008/19	180	15.5 153			180	15.5 2025.5	✓	
	1936	08V	001/01/077						✓ X 87.53 C 37.57 X 87.45 C 37.04	VSC 9W	180	15.5 153						
	1942								✓ X 87.35 C 36.72 Δ 5451 022 E		180	15.5 153			190	130 41	2023	✓
	1948								✓ X 87.22 C Δ 5455 0238 E	350 135	1500							
	1950								□ A/c A	350 135	1500							
	2000	07S	350/35	064	9W	072			✓ X 87.19 C 36.33 X 87.05 C 36.31		180	15.5 153			180	15.5 2026	✓	
	2006								Δ 5507 0327 E RECORDED	550 135	1500							
	2012								✓ X 86.91 C 36.30	VSC 14V	180	15.5 153			180	15.5 2025.6		
	2018								✓ X 86.80 C 36.29 Δ 5504 0420 E		180	15.5 153			180	15.5 2025.5		

2055	090	06/25	077	079			7A 1/C 0 X 1205 C 3629 Δ 5512 0722E.	000 56	✓													
2021	090	05/25	077	079			□ 6 1/C C X 2669 C 3615 X 20 47 C 36.04 Δ 5544 0539C	356140	✓													
2028							Level X 66 69 C 35.90 Δ 5527 0638C. X 205 APE	000 56	✓													
2051	117	305/25	006	106			□ C 8/C D X 86 10 02563	005 46	✓													
2057							□ D 5/C 6 vscsw. cc + Z 6K Floor - headlamps to start engine + wind 350/yr M.B. SWITCH ON	000 53	✓													
2100																						
2112							□ E 5/C Δ BOMB DANKS OPEN BOMB'S GONE 16/22															
2123	117	360/25	109																			
2129																						
2162																						

SQUARE		SEARCH											MEMORANDA		
TRACK T.	WY USED	Course (1)	COURSE (2)	COURSE (3)	Course (4)	Course (5)	D.R. G.5	DIST.	D.R. TIME	T.T.T.	DIST.	CA TIME	T.T.T.		