FORM 441

SQUADRON "C FLIGHT A/C. NUMBER 9681 LETTER "D DATE 13 - 9 - 42

CAPTAIN Sgt LAING E. NAVIGATOR Sgt WEBBER K.R. 2nd PILOT —

CREW Sgt Williams Sgt Boyd Sgt TAYLOR

SUN		MOON		TWILIGHT	
RISES	SETS	RISES	SETS	A.M.	P.M.

SPECIAL ORDERS BASE - POINT A (5311N 0452E) - WILDESHAUSEN (5253 0827E) - TARGET (BREMEN) - 524N 0844E - ENKHUISEN - BASE

WATCH Correct Fast / Slow RATE ✓ Gaining / Losing secs./hour

AT 1500 G.M.T.

TAKE OFF 2300 S/C 2330 — ON TARGET 0235 — OFF 0300

FROM / TO	W/V USED	HEIGHT FT.	T.A.S.	RQD. TRACK (T)	COURSE (T)	VAR.	COURSE (M)	D.R. G/S	DIST.	TIME
BASE	070/25 Up to 6000ft	Climbing	138	083	081	9W	090	113	—	133
POINT A	260/10	"	138	083	083	9W	092	148	279	
POINT A	260/10	11000ft	150	098	099	7W	106	159	152	57
WILDESHAUSEN										
WILDESHAUSEN	260/10	"	150	052	050	6W	056	159	20	7½
BREMEN										
BREMEN	260/10	"	150	194	198	6W	204	145	16	6½
POINT B										
POINT B	260/10	"	150	266	266	6W	272	140	143	6½
ENKHUISEN										
ENKHUISEN	260/10	11000ft	150	270	270	9W	279	140	297	127
BASE										
							Compass Error -2			

FORECAST WINDS

STAGE FROM / TO	2,000 FT. FROM T.	2,000 FT. SPEED	6,000 FT. FROM T.	6,000 FT. SPEED	10,000 FT. FROM T.	10,000 FT. SPEED	15,000 FT. FROM T.	15,000 FT. SPEED
6 I	(T)	C	9/5					
6 102	100(M)	107	170	24				
6 053	059	137	180					
6 197	203	—						
6 262	266	—		154				

WEATHER FORECAST

6 266 275

for 090 135

TIME	RQD. TRACK (T)	W/V USED AND D.R. DRIFT	Course (T)	Course (M)	NAVIGATIONAL OBSERVATIONS (Pin-points, Fixes, Position Lines, Actual T.M.G., Actual Drift, G/S and W/V, Manoeuvres, etc.)	GENERAL OBSERVATIONS (Met. Conditions, Bombing, Intelligence, Enemy Action, etc.)	I.A.S. corr. for Inst. & Position Errors	HEIGHT & A. TEMP.	T.A.S.	D.R. G/S	DIST. TO RUN	D.R. TIME	E.T.A.
2325					WATCHES SYNCHRONISED CHOCKS AWAY	FUEL CHECKED — PISTOL LOADED							
2327					AIRBORNE	I.F.F. ON							
2349	083	070/25 245	081	090	088 BASE	AERIAL OUT →	129	3600 FIRE	138	113	279	—	—
					S/C FOR POINT "A"	ETA THEWASH 0032 ✓			136	112			—
0000	083	260/10	083	092	090 D.R. 52.45N 01.18W			6500					—
					A/C ON NEW W/V.	CLOUD 10/10ths.	129	—	136	145	—		—
0012½					180 "Y" 05 ON TRACK					149			
0025					LEVEL		128	10000	136	148	187	75	0140
0038	✓	✓	271	240	240 A/C for FLUSHING "M"			+6°					
					POS "M" 52.45 W/V 195/8	AIRPILOT (APPROX)							
0044	084	(240/15)	086	095	093 S/C for PT F1		128	—	136	150	160	64	—
0050					DR 5257N 0125E.	BOMBS FUSED →	11000			150	146	58	0148
					REQUEST LOOPS	I.F.F. OFF	1						
0106							120	1[illegible]ft	143	150			
0117						LEVEL — PILOT		12500	154	163			0145
						WEAVING							
0145½	098	220/15	102	109	107 DR BOMB POINT A	SEARCHLIGHTS							
0146					S/C for POINT B.	AND GUNFIRE	130	↑	165	170	152	53½	0238
						NIGHT FIGHTER							
						STARBOARD BOW.							
0148					TEN TENTHS CLOUD	NIGHT FIGHTER PORT							
					BELOW.	AND STARBOARD							
0155						FLAK TO PORT							
0200						FLAK TO STARBOARD							
0212					CLOUD 5/10ths SC	OIL LEAKING BADLY FROM HYDRAULICS							
0213						DECOY FIRE, RED AND							
0225					LIGHT FLASHING "U"	GREEN FLARES EITHER SIDE							
0230					D.R. POSN WILDES HAUSEN	GLOW TO PORT BELOW							
0238					S/C for BREMEN VISUAL	CLOUD.							
[illegible]					STOOGING OUTSIDE	OIL PUMPED							
					FLAK — SEARCHLIGHTS	STARBOARD MOTOR HOT							

0301	194		197	203	203	DOWN EHEMEN S/C for POINT B	VIS HAZY BELOW			170	185	16	5	0306
0306	265	220/20	262	268	268	DR DOWN POINT B S/C for ENKHUISEN.		120	9500	163	151	143	57	0403
0330							OIL PUMPED							
0350							LIGHT FLAK.		10300				126	
0403	275	220/15	266	275		DR DOWN ENKHUISEN S/C for BASE				150	142	297	117	0607
0413							SEARCHLIGHTS TO							
0415						MARINE LIGHT on port	STARBOARD.							
0430						OIL PUMPED	FEELING ILL FROM CONTINUOUS WEAVING							
0450							STARS NOT VISIBLE							
0520						E.T.A. ENGLISH COAST	0507.							
0545						APPROX DOWN ENGLISH COAST	OIL PUMPED		3000					
0548	275	220/15	271	280		RENCIRCLING BEACON. NOT DOWN STRADISHALL	CERTAIN OF POSITION ADVISED BY DROME				142	33	14	0603
						S/C for TEMSFORD	TO LAND AT TEMSFORD							
							HEAVY CLOUD							
0603						ODM TEMSFORD 291	10/10th.							
1603						DOWN TEMSFORD.	IN CLOUD							
0604							CALLED DROME ON							
0605						DESCENDING THRU	DARKY - OFF 1020 mbs.							
						CLOUD								
0608						GROUND VISIBLE	MAG. COMPASS almost							
0610						AERODROME AHEAD.	U/S LATTER PART OF TRIP.							
0621						LANDED TEMSFORD	IFF OFF.							
0626						CHOCKS UNDER.								
1526						CHOCKS AWAY								
1540						TEMS AIRBORNE	IFF ON							
1546	301	✓	301	312	313	TEMSFORD S/C for BASE	NO WIND. FLYING	136	2000	142	141	75	31	1618
1558						DRIFT NIL (R GUNNER)	TRACK AND MAP		1300					
1617						DOWN BASE	READING.							

TIME	RQD. TRACK (T)	W/V USED AND D.R. DRIFT	Course (T)	Course (M)	NAVIGATIONAL OBSERVATIONS (Pin-points, Fixes, Position Lines, Actual T.M.G., Actual Drift, G/S and W/V, Manoeuvres, etc.)	GENERAL OBSERVATIONS (Met. Conditions, Bombing, Intelligence, Enemy Action, etc.)	I.A.S. corr. for Inst. & Position Errors	HEIGHT & A. TEMP.	T.A.S	D.R. G/S	DIST. TO RUN	D.R. TIME	E.T.A.
						Kokstad							
					T Beams :-								
					Ravenscar 090								
					Cranstad 075								
					Fulston 100								
					Hawick 090								
					Query this ?	SETTING LONGITUDE							
					Position Error:			07° 40 E					
					AT 100 mph I.A.S. ADD 12 mph			GMT.		ADJT.			
					" 110 " 10			0000		1200 HOURS GMT			
					" 120 " 8								
					130 6·2			VEGA. DUBHE		0200 hrs			
					140 4·7			VEGA. POLLUX		0300			
					150 3·4			POLLUX RIGEL		Nil required			
					160 1·7								
					170 ·5								
					180 ·7								

SQUARE SEARCH

Signed ..... Navigator

HEIGHT			VAR.		W/V		VIS.			T.A.S.		
Track T	Course M	D.R. G/S	DIST.	D.R. TIME	T.T.T.	DIST.	D.R. TIME	T.T.T.	DIST.	D.R. TIME	T.T.T.
			2V			6V			10V		
			2V			6V			10V		

MEMORANDA