

**TELETYPE REPORT:**

PNT V KHI HDK NR 14 -DD-  
TO PNT

FROM HARDWICK 24/2359A DEC44.  
TO 8- AF (PNT)  
COMBOBDIV TWO  
20- COMBAT WING  
CONFIDENTIAL 93BG D-305-E  
BT

LEAD BOMBARDIER'S NAVIGATOR'S TELETYPE REPORT.

20- COMBAT WING, 93- BOMB GROUP  
DATE OF MISSION 24 DEC. 1944.  
OBJECTIVE AHRWEILER RR JUNCTIONS

LD SQ LEAD BOMBARDIER LT KUK 24-9  
LD SQ LEAD D/R NAVIGATOR LT KELLY 28-11  
LL SQ LEAD BOMBARDIER LT SPENCER 21-9  
LL SQ LEAD MICKEY OPERATOR LT HICKS 14-6  
LL SQ LEAD D/R NAVIGATOR LT KRALL 14-7  
HR SQ LEAD BOMBARDIER LT WINN 16-8  
HR SQ LEAD MICKEY OPERATOR LT STRAND 11-11  
HR SQ LEAD D/R NAVIGATOR LT ANDERSON 16-10  
ECHELONED LD SQ LEAD BOMBARDIER LT REDDEN 18-9  
ECHELONED LD SQ LEAD NAVIGATOR LT ADEN 15-9  
ECHELONED LL SQ LEAD BOMBARDIER LT MINISTER 8-1  
ECHELONED LL SQ LEAD NAVIGATOR LT MELMOOD 10-1

**A. POSITION ON BOMBING RUN**

1. POSITION OF GROUP IN WIND LEAD 20 CBW
2. GROUP AND SQUADRON PROPERLY UNCOVERD

**B. HOW FORMATION BOMBED**

1. BOMBED BY SQUADRON
2. ORDERED IN WHICH THEY ATTACKED: LEAD, LOW LEFT, ECHELONED RIGHT  
LEAD, ECHELONED RIGHT LOW LEFT
3. BOMBED VISUALLY

**C. TARGET BOMBED**

1. PRIMARY ATTACKED EXCEPT HI RIGHT SQUADRON
2. NOT APPLICABLE
3. NOT APPLICABLE

**D.**

1. NO OF A/C IN EACH ATTACKING FORMATION  
LEAD -11, LOW LEFT -10, HIGH RIGHT -7, ECHELONED RIGHT LEAD -9, ECHELONED RIGHT LOW LEFT -10
2. BOMB LOAD AND FUSING 24 X 250 GP IN H2X
3. INTERVALOMETER SETTING ELECTRIC SALVO
4. A/C THAT DID NOT BOMB : HIGH RIGHT SQUADRON 3 A/C
5. REASONS : INTERFERENCE BY B-17'S. TRIED TO BOMB SECONDARY BUT RELEASE WIRES SEVERED BY FLAK SO BOMBS WOULD NOT RELEASE.
6. NO SECOND RUNS AUTHORIZED

**E. NOT APPLICABLE**

**F. SIGHTINGS OPERATIONS**

1. BOMBING WAS VISUAL
2. INDICATED ALTITUDE AND TRUE ALTITUDE

IND	LD SQ TRUE	IND	LL SQ TRUE	IND	ECH RT SQ TRUE	IND	ECH R LL SQ TRUE
22000	21350	21700	20980	24000	23280	22500	21780
MAG 058	TRUE 062	MAG 071	TRUE 060	MAG 060	TRUE 051	MAG 049	TRUE 032
3 MIN	3. MAG HEADING AND TRUE COURSE 40 SECONDS		1 MIN	2 MIN			
NORDEN	5. TYPE OF BOMBSIGHT USED NORDEN SPERRY			NORDEN			
1-0	6. NUMBER OF A/C SIGHTING FOR RANGE AND DEFLECTION 1-0		1-0	1-0		1-0	
C-1	7. AUTOPILOT USED C-1		A-5	C-1		C-1	
1508 ‡	8. TIMES BOMBS AWAY 1509		1510	1510 ‡			
MPI-	9. AIMING POINT USED MPI		MPI	MPI		MPI	

10. NO ARBITRARY CHANGE OF MPI

11. ACTUAL GROUND SPEED (KNOTS)  
140                      125                      148                      142

12. ACTUAL WIND VELOCITY (KNOTS)  
57                              80                              35                              55

13. ACTUAL WIND DIRECTION  
060                              090                              110                              075

G. DIFFICULTIES EXPERIENCE ON THE BOMB RUN

1. MALFUNCTIONS OF BOMBING EQUIPMENT : NONE
2. CLOUD COVER ; NIL DOWNWARD VISIBILITY 15-20 MILES
3. BOMB SMOKE OR SMOKE SCREENS : NIL
4. INTERFERENCE BY OTHER GROUPS ; HI RIGHT SQUADRON CUT OFF ON BOMB RUN BY B-17S
5. ENEMY OPPOSITION; MODERATE INACCURATE FLAK
6. NO PERSONNEL ERRORS
7. DIFFICULTIES IN IDENTIFYING A.P. RIVER PARTIALLY FROZEN AFTER BEING CUT OUT ON BOMB RUN BY OTHER GROUPS AND THE MISSING OF THE IP MADE PICKING UP OF THE TARGET AND AP VERY DIFFICULT

H.H2X NOTES NOT APPLICABLE.

I. GH NOTES

1. LD SQ LEAD GH NAVIGATOR : LT KELLY 28-11  
ECHELON RIGHT LEAD SQUADRON LEAD GH NAVIGATOR : LT ADEN 15-9  
ECHELON RIGHT LOW LEFT SQUADRON LEAD GH NAVIGATOR : LT MELMOOD 10-1
2. LD SQ LEAD GH BOMBARDIER : LT KUK 24-9  
ECHELON RIGHT LEAD SQUADRON LEAD GH BOMBARDIER : LT REDEEN 18-9  
ECHELON RIGHT LOW LEFT SQUADRON LEAD GH NAVIGATOR : MINISTER 8-1

3.	160	912	160	196	160	193
4.	-32		-34		-32	
5.	.38		.35		.39	

6. SYNCHRONIZATION WAS ACCOMPLISHED

7. NONE

8.            A. 115        5-1  
              B. FLORENZ 5-1

9. NONE

10. NONE

11. COMMENTS GH USED TRACKING FROM IP UNTIL BOMBARDIER LOCATED TARGET TO RELEASE VISUALLY.

J. ADDITIONAL FACTS : LEAD OF ECHELONED RIGHT SQUADRON DROPPED BOMBS ON TARGET OK, BUT THE DEPUTY LEAD HAD THE RUDDER OF THEIR SHIP SHOT AWAY AND JETTISONED THEIR BOMBS IN THE TARGET AREA THEREFORE ALL OTHER SHIPS IN THAT SQUADRON RELEASED ALOS AT THE SAME TIME BECAUSE OF THE FACT THAT IT WAS WITHIN ABOUT 5 OR 10 SECONDS OF THE RELEASE TIME. DEPUTY LEAD IN HIGH RIGHT SQUADRON OF CBW "A" HAD AN EARLY RELEASE AND SEVEN SHIPS RELEASED ON HIM. IT IS NOT KNOWN AS YET WETHER ENEMY ACTION CAUSED THIS. A COMPLETE CHECK IS BEING MADE. THE LEADER HI RIGHT HAD BOMB RELEASE SYSTEM SHOT AWAY BY FLAK AND THEY RETURNED THEIR BOMBS ALONG WITH TWO OTHER SHIPS.

K. NAVIGATION NOTES

LT KELLY LEAD 93- A

1. ON COURSE UNTILL COAST IN THEN TO SPACE OURSELVES WITH PRECEDING WING (96-) WE WERE FORCED TO TURN RIGHT OF COURSE GETTING ONE POINT 35 MILES RIGHT. ENGLISH COAST OUT TIME 1224 ± POSITION 4242 0141 ALTITUDE 11000  
CONTINENTAL COAST IN TIME 1311 POSITION 5110 0249 ALTITUDE 16800
2. GROUP IP TIME 1445 POSITION 5020 0616 ALTITUDE 22000  
TARGET TIME 1508 ± POSITION 5032 0706 ALTITUDE 22000  
ACTUAL TARGET BY NAME : AHRWEILER
3. NONE  
CONTINENTAL COAST OUT TIME 1552 POSITION 5214 0259 ALTITUDE 16000  
ENGLISH COAST IN TIME 1615 ± POSITION 5211 0141 ALTITUDE 6800
4. NONE

LT ADEN LEAD 93- B

1. ROUTE FAIR AT TIME 20 MILES TO RIGHT OF BRIEFED COURSE  
TURNED ON IP ACTUALLY BEFORE BRIEFED IP WAS REACHED  
ENGLISH COAST OUT TIME 1226 POSITION BU 24 ALTITUDE 12500  
CONTINENTAL COAST IN TIME 1312 POSITION OSTENDE ALTITUDE 18000
2. GROUP IP TIME 1444 POSITION 5012 0518 ALTITUDE 24000  
TARGET TIME 1510 POSITION 5033 0707 ALTITUDE 24000  
ACTUAL TARGET BY NAME AHRWEILER
3. RERTURN ROUTE NEARLY AS BRIEFED. LITTLE DEVIATION.
4. NONE

----ROBERTSON----

BT 242359A DEC 44.

AS FOR CHECK

JH BBBBBB

PNT        R.....AS.....25/0425A    PMB    KKKKK