

R E P O R T O F O P E R A T I O N A L
D A Y

MISSION No. **9**

Date: **30 DEC. 43**

TO: **LUDWIGSHAVEN, GER.**

HEADQUARTERS
401ST BOMBARDMENT GROUP (H)
OFFICE OF THE OPERATIONS OFFICER

E-C-1

30 December 1943

SUBJECT: Leader's Narrative, Mission No 9, 30 Dec 1943.

TO : Commanding Officer, 401st Bombardment Group (H).

1. Twenty three aircraft, including one PFF ship, took off for the mission of 30 December 1943. two ships, 42-31315 and 42-39881 returned early (one a spare, and one an abortive. Twenty one ships, including the PFF ship bombed the target.

2. A successful night assembly of the Group was accomplished, using different colored aldis lamps for the lead, high and low squadrons. The high and low squadrons formed 500 feet above and below the lead squadron. Wing assembly was excellent as was Division Assembly. The 94th Wing was the third wing in the division. The course was flown as briefed; the run over the target was excellent. According to the 'Mickey' operator, the bombing was very good.

3. The return to England was normal except that a wing of B-24's well spread out, flew back and forth in front of the 94th Wing and caused some prop wash difficulty. The Wing split up before reaching the dispersal point, as the "G" Box, radio compass and fluxgate compass were out on the PFF ship. Ships proceeded to their respective bases. Two ships were missing, one from the 351st Group and one from the 401st Group; both are believed to be lost.

ALLISON C BROOKS,
Major, Air Corps,
Wing & Group Leader.

HEADQUARTERS
401ST BOMBARDMENT GROUP (H)
OFFICE OF THE OPERATIONS OFFICER

E-C-1

30 December 1943

SUBJECT: Operational Narrative, Mission to Ludwigshafen, Germany,
30 December 1943.

TO : Commanding Officer, 401st Bombardment Group (H).

1. Twenty three aircraft, including one PFF ship, took off for the mission of 30 December 1943. Two ships, 42-31315 and 42-39881, returned early. One was an abortive and one was a spare returning after reaching the English Coast.

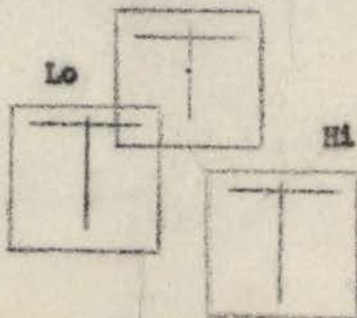
a. Group assembly, Wing assembly and Division assembly were normal and as briefed. The course was flown as briefed. An excellent run was made on the target and though bombing results were not observed, the results were believed to be good.

b. Flak was meager to moderate. It was accurate over the target area. Friendly fighter support was excellent. Two ships in the Wing, one from the 401st and one from the 351st, are missing and are presumed to be lost.

2. Formation at takeoff from base (see sheet attached.)

3. Formation over the target (same as 2 above).

4. The 401st Group was the ~~last~~ ^{401st} box in the 94th Wing:



ALLISON C BROOKS,
Major, Air Corps,
Operations Officer.

GROUP FORMATION

Combat Flight Leader: MAJOR BROOKS 30 DEC 43

Deputy Flight Leader: MAJOR BROWN (Date)

Group Call Sign: Fighter Call Sign

Ground Control:

PERTAINS TO PAR 2 & 3 of n
narrative. FORMATION AT
TAKEOFF AND OVER TARGET.

Ld 613 SQDN

BROOKS
Call A/C#
B 3484

STELZER
Call A/C#
G 1226

BROWN
Call A/C#
F 1037

PIPER
Call A/C#
L 1090

LOCHER
Call A/C#
B 1033

LAWRY
Call A/C#
H 0855

lo 612 SQDN

hi 615 SQDN

FOX
Call A/C#
K 1087

WHITE
Call A/C#
Q 1091

SMITH SE
Call A/C#
N 1198

Call A/C#

GRINHAM
Call A/C#
C 9904

SPRECHER
Call A/C#
G 7809

DAILEY
Call A/C#
D 1088

BEERS
Call A/C#
B 1193

NEAG
Call A/C#
H 9826

WEST
Call A/C#
G 1034

CHRISTIANSON
Call A/C#
H 7843

KAMINSKI
Call A/C#
K 1069

SPARES

KAUFMAN
Call A/C#
H 1064

PECK
Call A/C#
L 9837

KIRKHUFF
Call A/C#
H 9846

Call A/C#

WILSON
Call A/C#
J 9820

Call A/C#

HEADQUARTERS
401ST BOMBARDMENT GROUP (H)
OFFICE OF THE NAVIGATION OFFICER

APO 634

SUBJECT: Lead Navigator's Narrative of Mission Flown 30 December 1943

TO : Commanding Officer, 401st Bombardment Group (H).
APO 634

1. Flight Plan and log attached.
2. Track Chart attached.
3. Narrative.
 - a. T/O at 0745 hours.
 - b. Group formed at 0902 hours at 10,000 feet.
 - c. Formed CBW at 0902 hours at 10,000 feet.
 - d. Began climb at 0913 hours.
 - e. Reached altitude at 1028 hours.
 - f. Weather encountered over England:
 - (1) Clouds 5-6/10ths
 - (2) Visability 5-7 miles.
 - (3) Wind at altitude 315 degrees, 45 knots per hour.
 - g. Means of navigation over England.
Pilotage
D/R
 - h. Means of checking Metro Winds
Drift readings
 - i. Joined task force at 0957 hours at Spl #12 (city, splasher, Coordinates)
 - j. Departed English Coast at 1018 hours.
Arrived at Enemy Coast at 1034 hours

k. Fighter Rendezvous:

- (1) Going in: 1059 hours.
- (2) Coming Back: 1209 hours.

l. Wind used for bombing:

- (1) 315 degrees.
- (2) 45 knots per hour.
- (3) How Determined:
By Drift on three headings

m. Description of Bomb Run and Method of target Identification:

- (1) Reached IP at 1156 hours.
- (2) Mag heading over target 178 degrees.
- (3) Altitude over target 22,100 feet.
- (4) Time bombs away 1206 hours.
- (5) Method of target Identification and weather over target:

~~XXXXXXXXXX~~
10/10 Overcast
PFF target identification

n. Difficulties encountered with Radio, compass, and special equipment:

Gee equipment burned out before takeoff
Radio Compass out coming back. (Splashers)

o. Gee:

- (1) Coordinates of furthest fix _____.
- (2) Time _____ hours.

p. Comments:

Coordinated Mission
PFF equipment worked well.

SIGNATURE
WILLIAM E. ANDERSON
2nd Lt, Air Corps
Lead Navigator

FLIGHT PLAN

PILOT MAJOR A. C. BROOKS

NAVIGATOR LT. W. E. ANDERSON - LT. CHRISTALL (MICKY NAV)

DATE 30 December 1943

STATIONS	0620	ENCINES	0720	TAXI	0730	T.O.	0745
LEAVE BASE:	0902						
COAST OUT:	1019						
ENEMY COAST:	1035						
I.P.:	1159						
TARGET:	1209						
ENEMY COAST:	1410						
ENGLISH COAST IN	1432						

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

WATCH _____ FAST SLOW RATE _____ SEC'S GAINING PER HOUR _____ LOSING

FROM TO	W/V USED	HEIGHT	I.A.S. MPH /K	T.A.S. (K)	COURSE	DRIFT	TRUE HDNG.	VAR.	MAG. HDNG.	G/S	DIST.	TIME	E.T.A.	CELESTIAL DATA TIME BODY ALT. AZI.
Base	320	10000	155	156	354	-6	348	10	358	130	25	12	0914	
Grantham	30K													
52 58N 00 36W	320	10000	150	154	277	+8	285	11	296	129	18	+2 8 1/2	0924 1/2	
Nottingham	32K	12000												
52 58N 01 08W	320	12000	150	163	185	+10	195	11	206	188	99	+2 31 1/2	0958	
Sp1 #12	39K	18000												
51 19N 01 23W	320	18000	150	173	133	-2	131	11	142	211	27 1/2	8	1006	Control Point
Sp1 #11	39K	19000												
51 01N 00 51W	"	19000	155	178	112	-6	106	10	116	211	45	13	1019	Control Point
Beechy Head														
50 44N 00 14E	330	19000	150	180	175	+5	182	10	192	215	58	16	1035	Spit Fires
Fecamp	39K	22000												
49 46N 01 21E	330	22000	155	191	95	-10	85	9	94	211	71	20	1056	P-47's 1059
49 40N 02 10 E	40K													
"	"	"	"	"	85	-11	74	7	81	205	222	1:04	1159 1/2	IP F 1201
49 58N 07 52E	"	"	"	"	143	-2	141	6	157	231	37	9 1/2	1209	TGT
TGT														
49 29N 08 26 1/2 E	"	"	"	"	217	+11	228	6	234	203 1/2	8	2 1/2	1212	
49 22N 08 20E	"	"	"	"	253	+12	265	7	272	178	90	30	1242	1248 P-47's
"	"	"	"	"	280	+9	289	7	296	163	86 1/2	32	1314	1259 P-47's
48 55N 06 10E	"	"	"	"	280	+9	289	7	296	163	86 1/2	32	1314	1259 P-47's
"	"	"	"	"	293	+7	300	8	308	157 1/2	50	19	1333	Spitfires
49 10N 04 00E	"	"	"	"	293	+7	300	8	308	157 1/2	50	19	1333	Spitfires
"	"	"	"	"	293	+7	300	8	308	157 1/2	28	11	1334	
49 30N 02 50E	"	"	"	"	293	+7	300	8	308	157 1/2	28	11	1334	
"	"	"	"	"	275	+10	385	9	294	165	71	26	1410	Enemy Coast
49 40N 02 10E	"	"	"	"	275	+10	385	9	294	165	71	26	1410	Enemy Coast
Fecamp														
"	325	22000	170	191	355	-5	350	10	360	154	58	22 1/2	1432 1/2	English Coast
Beechy Head	40K	12000												
"	320	12000	170	164	292	+6	298	10	308	139	45	18	1450 1/2	
Sp1 #11	28K	5000												
"	320	5000	160	149	180	-7	11	10	21	136	82	36 1/2	1526	
Sp1 #16	22													
"	"	"	"	149	309	+2	311	10	321	127	18	8 1/2	1534 1/2	
Base														
IF CLOUDY LEV DOWN HEADING ON SPL 16 345° MAG GBE EASTERN MONTING & SOUTHERN CAROLINA XF TRAN EASTERN INDIANA & EASTERN ARIZONA														

TIME	COURSE	W/V USED &/OR D.R. DRIF.	TRUE HDNG	MAG. HDNG	NAVIGATIONAL OBSERVATION	GENERAL OBSERVATIONS	I.A.S. MPH /K	HEIGHT & TEMP.	T.A.S.	D.R. C.S.	DIS. TO RUN	TIME	E.T.A.
0902	353	-6	347	357	Base	Circling Field	150	10,200 -6					
0909	347	-5	342	352	Cottemore		155	10,200 -6					
0913	275	+12	287	298	Began turn at Granpton (0914 - off right wing)	155	10,100 -6					
0923 1/2	295	+12	287	298	Began turn at Nottingham (Nottingham 0927 1/2)	150	11,600 -10					
0925	180	+20	200	210			150	12,000	186	99	32	Sp112 0957	
0930	204	+21	225	235	0930 Sighted two Wings at 1100	Changed course to follow two wings (avoid collision course)	145	13,100	170				
0937	246	+14	260	270			145	14,000 -11					
0939	205	+19	224	234			140	14,300 -11					
0946	213	303/51K +19	232	242		Wind from drift on 3 headings	145	15,000 -12	156				
0949	163	+5	168	178			150	15,200 -12					
0952	128	-2	130	140			145	16,100 -13					
0957	134	-1	135	145	Wing coming in from the left		145	17,700 -15	164	200			
1006 1/2	133	-1	138	142	Splasher #11		150	19,000 -20					
1011	98	-4	94	104			160	19,900 -22					
1015	135	-1	134	144			150	20,300					

TIME	COURSE	W/V USED &/OR D.R. DRIF.	TRUE HDNC	MAG HDNC	NAVIGATIONAL OBSERVATION	GENERAL OBSERVATIONS	I.A.S. M.P.H. /K	HEIGHT & A. TEMP.	T.A.S.	D.R. C.S.	DIS. TO RUN	TIME	E.T.A.
1018	165	A15	180	190	English Coast		148 129	20,700 -25	180	214	58	16	1034
1028	165	A15	180	190		2 planes at 0900	150	22,300 -30					
1034	158	A12	170	180	Enemy Coast		150	22,300 -30					
1036						Start turn (Circled to outside of wings ahead of us)		22,300					
1037	105	-5	100	110	Pilotage (1 mi north of Yvetot)			22,300		224	56	15	1052
1040	96	-8	88	98			148 129	22,200 -30	184	224			
1052	93	-7	86	96		Formation at 1000	150	22,200 -30	220	222	0100		IP 1152
1059	93	-7	86	96		Fighters at 0900	155	22,300	188	220	1:00		
1107	77	-11	66	74	D.R. 49 26N 03 36E	Fighters at 1000 (high)						30	Tgt 1201 1/2
1111	81	-9	72	82		Fighters at 1200 (high)	155 131	22,000 -70	168	210			
1113	83	-9	74	84		Fighters at 0130							
1118	83	-9	74	84		Fighter high at 0100							
1123	87	-7	80	90		Fighters high at 1100	150	22,200 -30					
1127	73	-11	62	72	Average True Course 76 degrees		155	22,200 -30					
1135	73	-11	62	72	D.R. 49 49N 06 04E	Fighters at 0900 High look like P-38's	150	22,000		210	98	1:28	
1140	81	-9	72	92			150	22,300 -30		210	57	16	IP 1156
1157	77	-9	68	78	Turning IP 11:56		150	22,300 -30				9 1/2	1206 1/2
1158	134	0	134	144		Flak (Meager) 1100							
1200	148	A10	158	168	Smoke Flares								
1202	155	A11	166	176	Smoke Flares at 1200		150	22,300 -30					
1205	155	A11	166	176	Flak at 0100								
1206	163	A8	171	178	Bombs away (By Mickey)	Meager Flak at 0300	150	22,100		224			IP 1209
1209	223	A14	237	240		Fighters at 1100	155	22,000		188			
1210	239	A14	253	260						164			
1213	237	A14	251	258			155	22,220 -30					
1215	253	A12	265	272									
1216	246	A11	257	264									
1218	252	A12			Ball Turret gunner saw B-17 with No. 2 Engine on fire								
1219	240	A11	257	264	Bailing out of B-17 below (one chute seen)			22,100		165			
1222	240	A11	257	264	Fighters at 0500 (High)		155	22,000 -30		158			
1226	250	A11	261	268	Fighters at 0400					162			
1231	250	A11	261	268			155	21,900 -20		162			
1232	250	A11	261	268	Fighters high at 0200	12 mi. left of Saarbrucken 49 03N 07 05E	155	21,500 -20		162			
1237	252	A11	263	270	Fighters high at 0300					160			
1241	273	A8	281	288			145	21,000 -25		149			
1243	277	A7	284	291	B-17 at 0130 Flying along overcast					148			
1246	283	A7	284	291			150	21,000 -25		146			
1252	285	A1	291	298	Fighters at 0300 (High)		155	21,000 -25					
1301	277	A6	283	290		8 mi. right of Verdun 49 02N 05 21E	150 131	21,300	184	146	172	1:11	1412
1304	276	A6	282	292	Fighters at 0600 (Almost level with us)		150	21,100 -25					
1305	278	A6	284	292	Fighters at 1200 High	P-47's above us P-38's at 0300							
1311	285	A5	290	298	Fighters at 1100			21,000 -25					

HEADQUARTERS
AAF STATION 128
APO 634 U. S. ARMY

30 December 1943

SUBJECT: Group Bombardier's Narrative, Mission No. 9, Ludwigshafen, Ger.

TO : Commanding Officer, 401st Bombardment Group (H)
APO # 634, U. S. Army

1. Eighteen of aircraft dropped 216 X 500 M-43 GP bombs over the target. One aircraft is still unknown and one dropped nickles. This makes a total of twenty of our aircraft known to be over target at bombs away. One PFF ship dropped 6 X 500 GP, this aircraft is not included in our total.

2. Of the 216 X 500 BP dropped by our aircraft, 44 GP Bombs had to be salvoed over the target due to racks sticking. 172 bombs were toggled on signal from PFF lead Aircraft.

3. Bombing was by lead PFF Aircraft (Mickey) due to 10/10 cloud cover. All bombs released at 1206 on signal from PFF A/C.

4. Bombsights in deputy and alternate aircraft reported to be in excellant condition.

JULIUS PICKOFF
Capt, A C
Gp Bomb O

HEADQUARTERS
AAF STATION 128
APO 634 U. S. ARMY

30 December 1943

SUBJECT: Lead Bombardier's Narrative, Mission No. 9, Ludwigshafen,
Germany

TO : Commanding Officer, 401st Bombardment Group (H)
APO #634

1. Lead Bombardier's Narrative not necessary, PFF equipment
used.

JULIUS PICKOFF
Cgt, A C
Gp Bomb O

BOMBARDIER'S LOG

TARGET LUDWIGSHAFEN *ELEVATION 450' TAKE OFF 0745

DATE 12-30-43 ESCORT Spitfires

DESCRIPTION AND REMARKS-----

*Pressure Altitude of Target	<u>89ft</u>	**Type & Size of Bombs	<u>12 X 500 M-43</u>
*Altimeter Setting	<u>29.92</u>	**No. of Bombs Loaded	<u>6</u>
*Ind. Altitude	<u>22,000</u>	**Fuzing: Nose	<u>1/10</u>
		Tail	<u>1/40</u>
*True Altitude above Target	<u>21,760</u>	**Initial Point Ordered	<u>49 58N 07 52E</u>
		Actual	<u>49 49N 06 04E</u>
x Air Speed (MPH)	CIAS <u>150</u>	TAS * Mag Head Ordered	<u>212 147</u>
		*Mag Head Actual	<u>178</u>
*Ground Speed	*Est <u>265</u>	x Time of Release	<u>1206</u>
	**Actual	**No of Bombs Released	<u>6 GP</u>
Drift	*Forecast <u>1R</u>	**Type of r Train	<u>X Individual</u>
	xActual <u>8R</u>	Release Salvo	<u>Returned</u>
*Actual Range		x Point of Impact	
xTan Drop Angle	*Est <u>.62</u>	** Airplane Type	<u>B-17</u>
	*Actual	No.	
XDisc Speed	<u>187.1</u>	xTrail	<u>53</u>
		** Pilot	<u>MAJOR A. C. BROOKS</u>
**Time of Fall	<u>38.6</u>	** Navigator	<u>LT. W. E. ANDERSON</u>
**B.S. Type and No.	<u>PFF</u>	** Bombardier	<u>PFF (MICKEY)</u>

Height	Wind Direction		Wind Velocity		Temp Forecast	Temp Actual
	*Est	xActual	*Est	x Actual	*	x
1000						
3000						
5000						
10000						
15000	<u>320</u>		<u>45</u>		<u>-160</u>	
20000	<u>330</u>		<u>50</u>		<u>-260</u>	
22000	<u>330</u>	<u>N15</u>	<u>54</u>	<u>45Knots</u>	<u>-300</u>	<u>-30</u>
24000	<u>330</u>		<u>60</u>		<u>-380</u>	
26000						
28000						
30000						

* FILL IN BEFORE TAKE OFF. ** FILL IN AFTER LANDING xFILL DURING FLIGHT

COMBAT BOMBING FLIGHT RECORD¹

BOMBARDIER² PTF (MICKSY) DATE 12-30-43

PILOT² MAJOR A. C. BROOKS TAKE OFF 0745

NAVIGATOR² LT. V. E. ANDERSON LANDED 1610

ORGANIZATION 401st Squadron AIRPLANE B-17 Group

OBJECTIVE³ LUDWIGSHAFEN, GERMANY

STARTING POINT (MPI) _____

INITIAL POINT 49 59N 07 52E

METHOD OF ATTACK⁴ PTF X
 Individual Flight Squadron Group Wing

NUMBER OF ATTACKING A/C IN GROUP 20 and 1 PTF COMPOSITE GROUP _____

NUMBER A/C DROPPING BOMBS BY OWN SIGHTING OPERATION: One - PTF

DEFLECTION AND RANGE SIGHTING, GROUP _____ COMPOSITE GROUP _____

RANGE SIGHTING ONLY. GROUP _____ COMPOSITE GROUP _____

BOMBS, TYPES AND SIZES 500 M-43 GP

NUMBER OF BOMBS LOADED 6 GP RELEASED 6 GP

LOADING, NOSE 1/10 TAIL 1/40

SYNCHRONIZATION⁵ PTF
 On Fast Slow

INFORMATION AT RELEASE POINT⁶

Altitude of target <u>450:</u>	MAG. HEAD, Order <u>147</u> Actual <u>176</u>
True Altitude above target <u>21,760</u>	True Heading <u>171</u>
Pressure Altitude <u>22,000</u>	Drift, Est. <u>10</u> Actual <u>80</u>
Pressure altitude of target <u>22,000 80ft</u>	True track <u>165</u>
Altimeter setting <u>29.92</u>	Actual Range _____
A.S. <u>150</u>	B.S. Type <u>PTF</u>
M.S. <u>212</u>	Time of release <u>1206</u>
B.S., Est. <u>265</u> Actual _____	Length of Bombing Run <u>PTF</u>
Wind Direction, Metro Actual <u>315</u>	Intervalometer setting <u>MIN.</u>
Wind Velocity, Metro Actual <u>45Knots</u>	C-1 Pilot <u>Yes</u>
A.S. <u>137</u> Trail <u>53</u> ATF <u>88.6</u>	A-5 Pilot _____
BAR. D.A. Est. <u>.62</u> Actual _____	Manual PILOT _____

ACTUAL

WINDS

ALTITUDE	DIRECTION		VELOCITY		TEMP. C.	
	Metro	Actual	Metro	Actual	Metro	Actual
1000						
3000						
6000						
10000						
15000						
20000						
22000						
24000		315		45 Knots		-30
26000						
28000						
30000						

METHODS OF BOMBING¹⁰

T
T T
T

FFF (MICKY) BY WIND

T T T T T T

COMPOSITE GROUPS¹¹

T
T T
T

T T T T T T

- Bombardier making complete sighting operation - - -
- Bombardier making range operation only - - -
- Bombardier dropping on leader, with arrow indicating leader's position - - -



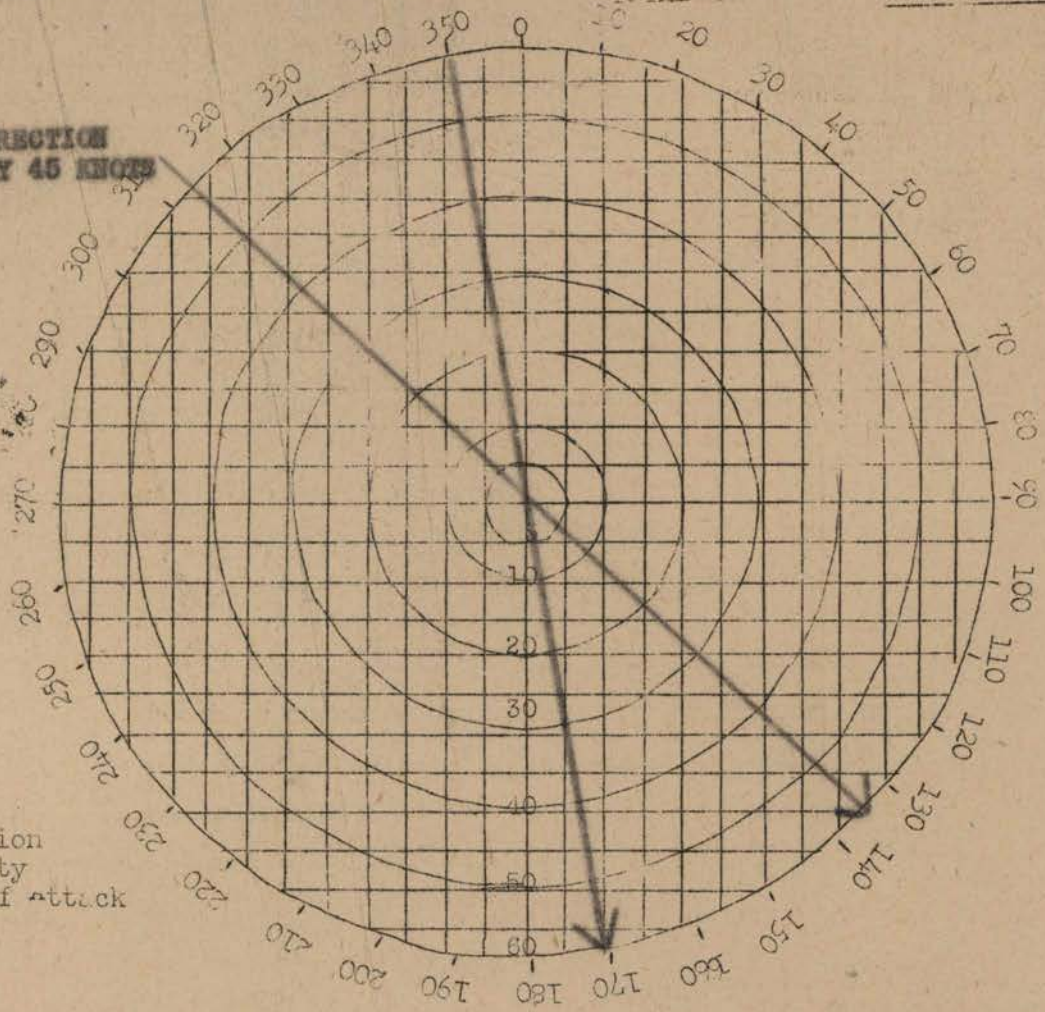
OMBARDIERS INDIVIDUAL PLOT

GROUP 401st
TARGET LUDWIGSHAFEN
METHOD OF BOMBING PFF
ALTITUDE 31,7500

TOTAL BOMBS CARRIED SEE REMARKS
TOTAL BOMBS AT TARGET _____
TOTAL BOMBS HITTING TARGET _____
TOTAL ACCOUNTED FOR _____
TOTAL UNACCOUNTED _____

DIRECTION OF ATTACK

WIND DIRECTION
VELOCITY 45 KNOTS



Plot
Wind Direction
Wind Velocity
Direction of Attack

(For Combat use form as thousand foot concentric circles..... For practice use form as one hundred foot concentric circles)

REMARKS:

- 20 Planes over target (401st)
- 1 PFF OVER TARGET
- 18 AIRCRAFT DROPPED 216 X 500 H-43 GP AT TARGET ON PFF
- 1 AIRCRAFT UNKNOWN
- 1 AIRCRAFT DROPPED NICKLES
- 1 PFF DROPPED 6 X 500 GP AT TARGET

HEADQUARTERS
STATION NO. 128
APO 634

30 December, 1943

SUBJECT: Mission Summary Report.

TO : Group Operations, Station 128.

1. Abortives.

a. Airplane No. 42-31315 returned early for the reason that the pilot could not maintain formation because # 2 super-charger would not produce more than 48" Hg at 2400 RPM.

b. Airplane No. 42-39881 returned early for the reason that oil cooler on # 4 engine blew out.

2. Battle Damage.

a. None.

CHARLES W. HUNT
1st Lt., Air Corps
Group Engineering Officer

HEADQUARTERS
401ST BOMBARDMENT GROUP (H)
Office of the Armament Officer

A.P.O. 634
30 December, 1943

SUBJECT: Armament Narrative, Mission No. 9, 30 December 1943.

TO : Commanding Officer, 401st Bomb Group (H), APO 634,
U.S. Army.

1. The following Armament malfunctions were reported
at the conclusion of the mission of 30 December, 1943.

- a. One ship had the Bomb Bay door operating motor fail.
- b. One Ball Turret and one Upper Turret Vickers Unit
in need of repair.

SAM P. BROOMHALL JR.
2nd Lt., Air Corps.
Group Armament Officer

HEADQUARTERS
401ST BOMBARDMENT GROUP (H)
OFFICE OF THE COMMUNICATIONS OFFICER
AAF STA 128, APO 634

(J-A-5)

31 DECEMBER 1943

SUBJECT: COMMUNICATIONS REPORT, OPERATIONAL MISSION NO. 9

TO : COMMANDING OFFICER, 401ST BOMB GP (H), AAF STA 128, APO 634.

1. USE OF VHF SET

CHANNELS "A" "B" "C" & "D" AVAILABLE. ROUTINE FORMATION MESSAGES ON CHANNEL "A". SHIPS 090 & 809 MONITORED CHANNEL "B". SHIPS 198 & 855 MONITORED CHANNEL "C" FROM ZERO TO ZERO PLUS 28 MINUTES AND ZERO PLUS 190 MINUTES TO ZERO PLUS 252. SHIPS 226 & 069 MONITORED CHANNEL "D" FROM ZERO PLUS 29 MINUTES TO ZERO PLUS 190 MINUTES.

2. VHF/DF BEARINGS

SHIP 068 RECEIVED THREE HOMINGS FROM DEENETHORPE. SHIPS 198 RECEIVED ONE HOMING FROM DEENETHORPE.

3. HF/DF BEARINGS

SHIPS 034, 198 & 069 EACH RECEIVED TWO QDM'S FROM POLEBROOK. SHIPS 068, 033, 846, 064 & 904 EACH RECEIVED ONE QDM FROM POLEBROOK.

4. MF/DF FIXES

NONE OBTAINED.

5. DISTRESS ACTION TAKEN

NONE TAKEN

6. RADIO BEACONS USED

<u>PLANE</u>	<u>SPLASHERS</u>	<u>MULTI-GROUPS</u>	<u>BUNCHERS</u>
034	7-8-9-16	NOT USED	DEENETHORPE
198	4-5-11-16	NOT USED	DEENETHORPE
068	11-16	NOT USED	DEENETHORPE
087	6-7-8-9-11-16	C	DEENETHORPE
837	11-16	NOT USED	DEENETHORPE
846	11-16	NOT USED	DEENETHORPE
820	11-16	NOT USED	DEENETHORPE
064	11-16	NOT USED	DEENETHORPE

COMMUNICATIONS REPORT, OPERATIONAL MISSION 9, 30 DEC 43.

<u>PLANE</u>	<u>SPLASHERS</u>	<u>MULTI-GROUP</u>	<u>BUNCHERS</u>
098	11-16	B-C	DEENETHORPE
847	11-16	NOT USED	DEENETHORPE
809	11-16	NOT USED	DEENETHORPE
843	7-9-11-16	NOT USED	DEENETHORPE
904	11-16	NOT USED	DEENETHORPE
193	7-8-9-11-16	C	NOT USED
069	9-11	NOT USED	DEENETHORPE
833	5-11-16	NOT USED	NOT USED

7. USE OF "GEE"

<u>PLANE</u>	<u>NORMAL TRANS</u>	<u>XF NO 1</u>	<u>XF NO 2</u>
037	4944N 0252E	4948N 0356E	DID NOT USE
068	5130N 0133E	DID NOT USE	DID NOT USE
091	4925N 0200E	DID NOT USE	DID NOT USE

8. USE OF SBA & JAY BEAMS

NOT USED

9. USE OF MF/DF SECTION

SECTION "N" AVAILABLE. NOT USED.

10. BREACHES OF RADIO DISCIPLINE

NONE

11. COMMUNICATIONS EQUIPMENT DEFICIENCIES

<u>PLANE</u>	<u>REPORTED DEFICIENCIES</u>
034	BATTERIES DOWN ON FREQ. METER
068	MIKE BUTTON STICKS IN RADIO COMPARTMENT. INTERPHONE SYSTEM GOES OFF AND ON.
846	GUN MIKE BAD IN RIGHT WAIST AND BOMBARDIER'S POSITIONS.
064	COMPASS BURNED OUT.
069	CHECK COMPASS
047	RECEIVER WEAK
226	COMMAND ANTENNA BROKE LOOSE
820	CHECK COMPASS

12. ABORTIVES DUE TO COMMUNICATIONS

NONE

13. INFORMATION ON MEACONING

NONE

COMMUNICATIONS REPORT, OPERATIONAL MISSION 9, 30 DEC 43

14. OTHER COMMUNICATIONS DIFFICULTIES

<u>PLANE</u>	<u>REPORTED DEFICIENCIES</u>
087	SPLASHERS 6 & 7 VERY POOR; 8 & 9 HAD INTER-FERENCE.
034	SPLASHER 16 - RESULTS WERE NOT ACCURATE.
198	SPLASHERS 11 & 16 - INTERFERENCE.
068	SPLASHER 11 REPORTED 180 DEGREES OUT OF PHASE; 16 NOT STABLE.
226	COULD NOT GET SPLASHERS 11 & 16
033	SPLASHERS 11 & 16 REPORTED NO GOOD.
809	SPLASHER 16 GOOD GOING OUT, BAD COMING BACK.
193	SPLASHER 16 REPORTED NO GOOD.

15. FUNCTIONING OF DEENETHORPE BEACON

DEENETHORPE BUNCHER BEACON WAS IN OPERATION ENTIRE MISSION. MOST NAVIGATORS REPORTED GOOD RESULTS, ALTHOUGH TROUBLE WAS EXPERIENCED DUE TO ERRATIC TRANSMISSIONS.

16. FUNCTIONING OF DEENETHORPE VHF/DF STATION

DEENETHORPE VHF/DF STATION WAS IN OPERATION ENTIRE MISSION. GOOD RESULTS WERE OBTAINED.

17. REMARKS

DEFICIENCIES BEING INVESTIGATED AND CORRECTED.

Harold M. Kennard Jr. by JTB.
 HAROLD M. KENNARD, JR.
 1ST LT, AIR CORPS,
 COMMUNICATIONS OFFICER.

OFFICE OF THE INTELLIGENCE OFFICER
STATION 128- APO 634
U. S. ARMY

30 December 1943.

SUBJECT: Narrative of Ludwigshafen Mission this date.

TO : COMMANDING OFFICER, 401st Bombardment Group (H), Station 128.

1. 21 A/C ^{dispatched} took-off to attack Ludwigshafen, which is one of the centers of the I.G. Farben Industries. MPI for target was a large group of buildings, housing what is believed to be synthetic rubber plants, producing Buna, etc.. The secondary and Last Resort Targets were the city of Saarbrucken and A/F N. of Reims respectively. Nineteen A/C definitely attacked the target bombing on PFF, of which one A/C dropped leaflets. A/C # 9826 is missing and although presumed to have bombed, it has not been included as a ship which actually did bomb in our reporting. Results could not be observed because of a 10/10th solid overcast.

2. A/C # 1315 turned back at Mid-channel because No.#2 super-charger was out and could not keep formation. A/C # 1089 slipped off taxi-strip resulting in failure to T/O. These two ships were replaced as spares. A third spare A/C # 9881 turned back prior to the English Coast.

There were some E/A seen, consisting of Ju-88s or Me 210s, in the target area. Several dog-fights between our fighters and E/A fighters were observed, but at great distances away, making it impossible to identify exactly. One twin engine E/A was attacked by a P-47 and seen to explode at 1340 hours.

4. One of our A/C # 9826 observed to have been damaged by a bomb dropped from the group above. Flames shot out of the leading edge of the wing. One man jumped and a chute was seen to open. A/C was last noticed as being under control and escorted by three fighters.

5. Flak was reported as meager and inaccurate at IP, Target Area and enemy coast on return. It was generally of a barrage type, fair for height and poor for deflection. Bursts were greyish and some were black. Ground rockets were observed coming up through the clouds; also rockets were seen shot from E/A fighters. Both were poor as to height and deflection.

6. No A/C suffered category "A" or "AC" battle damage.

7. No injuries occurred. Ten men are presumed missing.

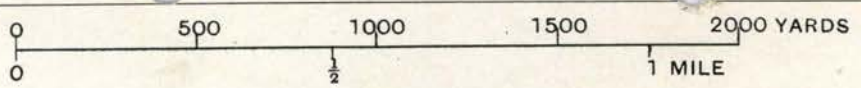
8. No combat claims were made and friendly fighter support was reported good to excellent.

W.B.FRY,
Major, AC,
Group S-2 Officer

Target No.
2 (c) 17

I.G. FARBEN TRIE A.G. — LUDWIGSHAFEN () (GERMANY)

Illustration No.
2 (c) 17/8



(1: 19,400)
Photographed 9.11.41
Issued November 1942



KEY

- | | | |
|---|-----------------------------------|------------------|
| Q. CHLORSULPHONIC ACID
(REPORTED LOCATION) | S. SULPHURIC ACID | W. SYNTHETIC OIL |
| R. PLASTICS | T. DYESTUFFS & HEAVY CHEMICALS | X. POWER PLANT |
| | V. SYNTHETIC AMMONIA, NITRIC ACID | Y. GAS HOLDERS |

TO: C.G. 1ST BOMB DIV. AND 94TH COMBAT WING
FROM: C.O. 401ST BOMB GP. (H)

TELETYPE A

- S-1. THE 401ST GROUP FLEW LEAD POSITION IN THE 94TH COMBAT WING WHICH WAS THE THIRD WING OVER THE TARGET. NO E/A OBSERVED NEAR OUR FORMATION. FRIENDLY FIGHTER SUPPORT WAS EXCELLENT, PROVIDING COVER AS BRIEFED. SOME DOB-FIGHTS WERE OBSERVED BY OUR CREW MEMBERS AT SUCH GREAT DISTANCES THAT THE ENEMY A/C WERE NOT POSITIVELY IDENTIFIED. ONE TWIN-ENGINE A/C BELIEVED TO BE A JU-88 OR ME-210 WAS SEEN IN FLAMES UNTIL IT EXPLODED AT 1340 HRS. BY A/C 1068 WHICH WAS FLYING AT AN ALTITUDE OF 21,700 FEET. THIS ENEMY A/C WAS SHOT DOWN BY A P-47.
- S-2. MEAGER AND INACCURATE FLAK ENCOUNTERED AT I.P., TARGET AREA, AND ENEMY COAST ON RETURN. IT WAS OF BARRAGE BURSTS FAIR FOR HEIGHT AND POOR FOR DEFLECTION. AT ENEMY COAST BARRAGE BURSTS WERE ALSO NOTED AS POOR FOR HEIGHT AND DEFLECTION. AT I.P. AND TARGET AREA FORMATION WAS FLYING AT 22,000 FEET. BURSTS WERE GRAYISH AND SOME BLACK. GROUND ROCKETS WERE OBSERVED COMING UP THROUGH THE CLOUDS LEAVING LARGE GRAYISH BURSTS RESEMBLING SNAKE SHAPES. THERE WERE ALSO ROCKETS SHOT FROM E/E WHICH GAVE OFF BURSTS OF SILVER DISCS PRECEDED BY BLACK BURSTS AND LEFT A THIN BURNING TRAIL.
- S-3. AT 1219 HRS., 4910-0730E 22,000 FEET OUR A/C #9837 OBSERVED THAT TWO BOMBS STRUCK OUR A/C #9826 HAVING BEEN DROPPED FROM THE GROUP ABOVE. FLAMES SHOT OUT OF LEADING EDGE OF WING, ONE MAN JUMPED FROM A/C #9826 , AND SHUTE OPENED. A/C #9826 WAS LAST SEEN UNDER CONTROL ESCORTED BY THREE FIGHTERS. A/C #1198 OBSERVED A B-17 ON FIRE AT 1219 HRS. TWO MEN SEEN TO BAIL OUT. A/C #1091 AT 1345 HRS. OBSERVED A HEAVY BOMBER EXPLODE THIRTEEN MILES NORTH OF PARIS, THREE SHUTES SEEN. 1351 HRS. A/C #1193 OBSERVED A B-24 BLOW UP.
- S-4. NIL.
- S-5. NONE.
- S-6. NIL.
- S-7. UNOBSERVED - 10/10.
- S-8. EXCELLENT.
- S-9. 21 A/C WERE DISPATCHED CROSSING ENGLISH COAST 1018 HOURS AT BEACHY HEAD. FOLLOWED BRIEFED COURSE HITTING ENEMY COAST 1033 HOURS AT WEGAMP. OVER THE TARGET AT 1205 HRS. HEADING 180° MAG. LANDED BACK AT BASE 1610 HRS. A/C #1315 TURNED BACK AT MID-CHANNEL, #2 SUPER-CHARGER OUT, BOMBS BB. WE HAD 23 A/C INCLUDING THREE SPARES SCHEDULED-A/C #1089 SLIPPED OFF HARD-STANDING RESULTING IN FAILURE TO TAKE OFF. OUR SPARES WERE A/C #0937, #9881 AND #9820. A/C #9881 TURNED BACK PRIOR TO ENGLISH COAST.
- S-10. FIFTY BOXES, FOUR HUNDRED BUNDLES OF LEAF-LETS DROPPED ON TARGET.

OFFICE OF THE INTELLIGENCE OFFICER
STATION 128 - APO 634
U. S. ARMY

30 December 1943.

SUBJECT: Comments of Crews Participating in the Ludwigshaven Raid, this date.

TO : C. O., 401st Bombardment Group (H), APO 634.

1. Major Brown, Captain Hinkle, and Lt. Wood express belief that this was the best PFF mission to date. They also complimented Lt. DeVille for his good work as Duty Bombardier in preparing material for mission.
2. S/Sgt. Urish of Captain Peck's crew states the wooden floor in the ball turret should be removed.
3. Lt. Sprecher says cabin heat out of order in aircraft.
4. Lt. Nutter reports Splasher #16 gave false beam.
5. Lt. Smith states Groups are bombing on each other and that too much evasive action was taken. Lt. Chmura states the formation was poor.
6. Captain White's entire crew stated the food was gaseous at breakfast.
7. Lt. Stelzer states mission went off pretty good. Sgt. Holland and Lt. Warren of the same crew would like tracers, preferably every five (5) rounds - but at least every tenth bullet.
8. Lt. D_ailey reports good formation today.
9. Lt. Kirkhuff said formation was very poor. Lt. Sobolak suggests more trucks needed to solve transportation problem. Lt. Pierce praised the Flight Plan given to Navigators.
10. Lt. Kaufman said the old type head-sets, leather ear cups, need replacing with the new rubber type. Lt. Cameron said "we need more food in the airplane for trips as long as this one."
11. Lt. Piper's crew reports that plane in the Group above and to the right of our formation was dropping incendiaries right through our formation.

12. Lt. Wilson states the whole crew waited forty (40) minutes for truck at A/C and finally took base bus to briefing room. Whole crew wants soft rubber head-phones. Lt. Gattis said he could not hear on the inter-phone because he had to move hard head-phones around.

W. B. FRY,
Major, A. C.,
Group S-2 Officer.

OFFICE OF THE INTELLIGENCE OFFICER
STATION 128 - APO 634
U. S. ARMY

D-K-1

4 January 1944.

SUBJECT: Nickles (Leaflets) Operations by 401st Bombardment Group (H).

TO : Commanding General, 1st Bombardment Division, APO 634.
(Attn: Lt. Roslonski, A-2 Section).

1. The following leaflet operation was carried out over Ludwigshaven, Germany, 30 Dec. 1943:

No. of boxes carried - 50
No. of parcels carried - 400
Leaflet Code No. - VSG 18
No. of parcels dropped - 400
Boxes destroyed or lost - 0
Leaflets destroyed or lost - 0
Carrying A/C - No. 7843

2. The above information regarding leaflet code number represented our stock on hand, although it has been reported to me that an additional fifty (50) bundles are now available.

W. B. FRY,
Major, A.C.,
Group S-2 Officer.

OFFICE OF THE INTELLIGENCE OFFICER
STATION 128 - APO 634
U S ARMY

30 December 1943.

SUMMARY OF HOT NEWS

On todays mission to Ludwigshaven the following hot news item was reported.

1. Our A/C #826 (B-17G) was reported hit on the right wing just back of #4 engine by a bomb dropped from a higher Squadron in the formation.
2. The observing A/C, #837 - L (B 17-G), reported having last seen the A/C in distress going down at 1219 hours. Position of observing A/C at this time was 49 degrees 10' N 07 degrees 30' E.
3. One parachute was seen to leave the A/C.

W. B. FRY
Major AC
Group S-2 Officer.

NO COMBAT CLAIMS
NO CREWS TACTICAL SUGGESTIONS
NO UNUSUAL ENEMY TACTICS AGAINST OUR A/C
NO E/A ATTACK DATA SHEET

INTERROGATION FORM

GROUP 401st SQUADRON 613th A/C NO. 1037 LETTER F DATE 30/12/43
 POSITION BRIEFED #2, 1st E, Ld.Sq. POSITION OVER TARGET 2nd, 1st Ld.Sq.
 T/O TIME 0746 TIME LANDED 1610

Capt. Carl C. Hinkle, Jr.	PILOT	T/Sgt. Robert L. Reedy	RADIO
Maj. Edwin W. Brown	CO-PILOT	S/Sgt. Harvey W. Rieger	BALL-T
1st Lt. Horace D. Wood	NAVIGATOR	S/Sgt. Donald H. Souichsen	L-WAIST
1st Lt. Harry W. Meadville	BOMB	Sgt. William F. Jones, Jr.	R-WAIST
T/Sgt. Leland L. Swofford	TOP-T	S/Sgt. John (NMI) Iseminger	T-GUNNER
	OTHERS		

ROUTE AS BRIEFED: YES NO. (DESCRIBE) No deviations from Briefed course.

ENGLISH	TIME	PLACE	ENEMY	TIME	PLACE
COAST OUT	<u>1018</u>	<u>Beachy Head</u>	COAST IN	<u>1033</u>	<u>Fecamp</u>
ENEMY	TIME	PLACE	ENGLISH	TIME	PLACE
COAST OUT	<u>1420</u>	<u>20 mi So of Nieppe</u>	COAST IN	<u>1454</u>	<u>Folkstone</u>

WEATHER ENROUTE Solid overcast over Germany - but 6/10 - 8/10 clouds over France

BOMBING ALT. 22,000 TIME 1205 HEADING 180° WEATHER Solid Overcast

BOMB LOADING 12 500 I.P. PRIMARY 12 500 G.P. SECONDARY

LR ELSEWHERE (WHERE) _____

JETTISONED (WHERE) _____ B.B.

RESULTS: GOOD _____ FAIR _____ POOR _____ NIL _____ UNOBSERVED

CREW OBSERVATIONS OF MILITARY IMPORTANCE (TIME, PLACE, ALT.)

A. B-17G at 1215 - coming out of target at 16000 - couldn't hold attitude, losing til Navigator couldn't observe any longer.

B. Unknown fighter exploded 1313/ near Rheims - 22000' undetermined by whom attacked.

CASUALTIES OR MISSING (NAME, POSITION, INJURY, CAUSE) None

CREW COMMENTS (NAME OF MAN) Lt. Wood (Bomb), Major Brown and Capt. Hinkle believe best PFF mission yet. Also wish to compliment Lt. DeVille for good work at Duty Bombardier in preparing material for mission.

(Over)

(49°38' N - 01°05' E) at 24,000', at 1335 E/A (Me 109) was attacked by 4 P-47s. No results observed. Me 109 came down close to formation and P-47s chased him down.

	TIME MET	PLACE	ALT. OF ESC.	TIME LEFT	PLACE
13. FRIENDLY P-47s ESCORT	1100	Granville	25,000'		
P-38s	1157	Paris	25,000'	1210	Target
P-38s	1210	Target	25,000'		
P-38s	1310	40mi SE of Rheims	25,000'		
	1335				

EFFECTIVE (?) Excellent HOW MANY SEEN 15-150

14. FLAK SUITS WORN EXCEPT BY P - Co-P - BTG

NAME MEN HIT ON SUIT None

15. PERSONAL EQUIPMENT FAILURES: NAME None

FLAK REPORT

A/c NO 1037 ACTUAL ALTITUDE 22000 POSITION 2nd. 1st. Ld. Sq.

1. DAMAGE TO OUR A/C: None

2. LOCATION Enemy Coast
Ronteont TIME 1412 INT MOD X MEG X COLOR B W R

ACCURACY (HEIGHT) GOOD FAIR POOR X : DEFLECTION: GOOD FAIR POOR X

3. LOCATION Target Area TIME 1205 INT MOD X MEG COLOR B W R

ACCURACY (HEIGHT) GOOD FAIR POOR : DEFLECTION: GOOD FAIR POOR X

4. LOCATION TIME INT MOD MEG COLOR B W R

ACCURACY (HEIGHT) GOOD FAIR POOR : DEFLECTION: GOOD FAIR POOR

5. LOCATION TIME INT MOD MEG COLOR B W R

ACCURACY (HEIGHT) GOOD FAIR POOR : DEFLECTION: GOOD FAIR POOR

6. CON TRAILS None

7. COMMENTS: 3 Observed as an attempted barrage type although it looked too like continuously pointed type according to other members of crew.

INITIAL

401st GROUPDATE 30/12/45FLAK REPORT

1. Route followed: ~~Beachy-Head~~ to landfall (Pecamp) to eight miles SE of IP to target and out to 4953-0045 E to Folkstone

2. Visibility at Target. (Any condensation trails?) ~~10/10ths clouds~~ **No visibility -solid overcast- no con trails**

3. No. of A/C over Target: **20**

4. Formation over target, with height of each A/C. Those A/C damaged by Flak to be circled, and if seriously damaged, insert small "S". If any A/C shot down by Flak, say so:- **Formation on other side. No A/C damaged by flak. or shot down by flak.**

OVER.

4.a. What evasive action was taken? **None. Only streight run.**

5. General Axis of attack. (From lead A/C if possible). **180 Deg. Mag.**

6. How long did formation fly straight and level before bombing? **Eight minutes.**

7. Turn after bombing. **238 Deg. Mag.**

8. Position of group in relation to other Groups: **401st Lead Group - 351st High - 351st Low.**

9. A short description of Flak en route (if any), and at the Target, including if possible a suggestion as to type of fire control employed - i.e. continuous following, predicted concentrations, predicted barrages, or fixed barrages.

Flak was encountered at IP area, target area and enemy coast and return. At IP area observed to be meager, fair for accuracy, poor for deflection. Enemy coast poor for both height and deflection. Reports indicate continuous painting bursts, mostly greyish or white with some black. One A/C reported red bursts just before IP. Because of solid overcast flak was obviously controlled. Barrage type bursts also noted. (Concentrated)

~~(SECRET)~~

TARGET AREA

10. Any other Comments, Phenomena, etc. **Several crews report seeing rockets shot from the ground, which appeared as white trails coming up through the clouds and leaving large greyish bursts, Although A/C 1090 reported the bursts as a ball of fire. A/C 1091 said trails looked like snake shapes. Two crews believe rockets shot from E/A (type undetermined). There were bursts of silver discs preceded by black bursts and left a thin burning smoke trail. Rockets were poor for height and deflection. A/C 1226 saw brownish spirals over target area**

Altitude
22,000.

484.

#1226.

#1037

#1090.

#1033.

#0855.

#1068

#1091.

#1198

#1087

#9904

#7809

#1064.

#1193.

#1034.

#9837

#7843.

#9846.

#9826 (missing)

#9870.

In another wing.

#1069

DO NOT REMOVE FROM OPNS DESK!

Sgt. Applehande - 614th
Opns said Lt. Kaufman
of ship 881 changed airplanes
with Lt. Cammack ship 064
and held position of spare
in a different ship.

Mond

3

612 BOMBARDMENT SQUADRON (H)
OFFICE OF THE OPERATIONS OFFICER
APO # 634

30 Dec 19 43

SUBJECT: Loading List.

T

TO : Operations Officer, 401st Bomb Gp (H), APO #634.

1. Following is the list of Combat Crews participating in today's Mission.

*PLANE # 42-31089

DUTY	RANK	LAST (NAME)	FIRST	(MI)	A.S.N.	SQUADRON
P	-	Garland, William C.	Capt.		0-24892	612th
CP	-	Martin, Malcolm K.	Major		0-424978	"
N	-	Nolte, Edward P.	2nd Lt.		0-683296	"
B	-	Howe, Floyd C.	2nd Lt.		0-734692	"
RO	-	Stimmel, Bert W.	T/Sgt.		35332272	"
**TT	-	Spacek, Anthony V.	T/Sgt.		32378819	"
BT	-	Farmer, John C.	T/Sgt.		6861113	"
TG	-	McNab, Thomas B. Jr.	Sgt.		12095352	"
LWG	-	Parratt, John L.	Sgt.		13100644	"
RWG	-	Newton, Ralph D.	Sgt.		33274765	"

*PLANE # 42-31068

P	-	2nd Lt.	Dailey	Scribner	C.	0-801940	612th
CP	-	2nd Lt	Stokes	Alexander	C.	0-801578	"
N	-	2nd Lt	Malone	John	L.	0-805182	"
B	-	2nd Lt	Hutson	Wayman	T.	0-406409	"
RO	-	T/Sgt	Hildreth	Arthur	W.	11055299	"
**TT	-	T/Sgt	Flynn	William	B.	16046687	"
BT	-	Sgt	Cook	George	P.	20409315	"
TG	-	S/Sgt	Sanders	Charles	W	12190382	"
LWG	-	Sgt	Callahan	Michael	J.	18150617	"
RWG	-	T/Sgt	Hagen	Charles	T.	37315748	"

*PLANE # 42-31087

P	-	2nd Lt.	Fox	Gaston	M.	0-82737	612th
CP	-	2nd Lt.	Blaise	Gerald	L.	0-748328	"
N	-	2nd Lt.	Wilson	Darrell	D.	0-750174	"
B	-	2nd Lt.	Mendelson,	Leonard	J.	0-749917	"
RO	-	Sgt	Brandt	Duane	G.	39193489	"
**TT	-	Sgt	Brown	Allen	D.	38294097	"
BT	-	Sgt	Sabel	Jerome	(NMI)	12158528	"
TG	-	Sgt	Estess	Cecil	C.	34425600	"
LWG	-	Sgt	Gallas	Joseph	(NMI)	33394658	"
RWG	-	Sgt	Dunn	Johnny	K.	35391705	"

** Enter complete number of aircraft
 ** Designate Engineer

*PLANE # 42-39826

DUTY	RANK	LAST (NAME)	FIRST	(MI)	A. S. N.	SQUADRON
P	2nd Lt	Neag	Traian	(NMI)	0-803443	612th
CP	2nd Lt.	England	John	P.	0-748608	"
N	2nd Lt.	Santos	Elmer	S.	0-676132	"
B	2nd Lt.	DeRaimo	Okey	(NMI)	0-679382	"
RO	Sgt	Bardon	William	C.	35666460	"
**TT	Sgt	Monzingo	Howard	P.	33443398	"
BT	S/Sgt	Purwin	Bert	A.	36405703	"
TG	Farrell	James	E.	Sgt.	35540644	"
LWG	Sgt	Daszkiewicz	Benjamin	(NMI)	32214734	"
RWG	Sgt	Hill	Marvin	H.	32363744	"

*Plane # 42-31198

P	2nd Lt	Smith	Stuart	E.	0-802795	"
CP	2nd Lt	Chmura	Stanislaw	R.	0-684687	"
N	2nd Lt	Tomlinson	Harvey	G.	0-688132	"
B	2nd Lt	Majewski	Lewis	J.	0-747598	"
RO	S/Sgt	McCawley	Fred	E.	38321224	"
**TT	T/Sgt	Sillitto				
BT	Davies,	Leonardo F.	Sgt.		32506396	"
TG	Sgt	Parker	Harry	C.	39034361	"
LWG	Sgt	Scicchitano	Frank	J.	32489249	"
RWG	Sgt	Hopkins	Calvin	W.	32078946	"

*PLANE # 42-31034

P	2nd Lt	West	George	E.	0-802628	"
CP	2nd Lt	McKinnon	Douglas	H.	0-752008	"
N	2nd Lt	Nutter	Lloyd	A.	0-752052	"
B	2nd Lt	Montgomery	Thomas	B.	0-686111	"
RO	S/Sgt	Andrus	Robert	L.	32582719	"
**TT	S/Sgt	Russell	Francis	L.	17154673	"
BT	S/Sgt	Womble	John	L.	3435566	"
TG	S/Sgt	Lefkin	Michael	(NMI)	32493619	"
LWG	Sgt	Russell	Hugh	D.	15019006	"
RWG	Sgt	Morini	Alfred	J.	32493617	"

*PLANE # _____

P	-					
CP	-					
N	-					
B	-					
RO	-					
**TT	*					
BT	-					
TG	-					
LWG	-					
RWG	-					

BOMBARDMENT SQUADRON (H)
 OFFICE OF THE OPERATIONS OFFICER
 APO # 634

30 December 1943

SUBJECT: Loading List.

TO : Operations Officer, 401st Bomb Gp (H), APB #634.

1. Following is the list of Combat Crews participating in today's Mission.

*PLANE # 42-31097

DUTY	RANK	LAST (NAME)	FIRST	(MI)	A. S. N.	SQUADRON
P	Capt.	Hinkle	Carl	G. Jr.	024829	613th
CP	Major	Brown	Edwin	W.	023851	"
N	1st Lt.	Wood	Horace	D.	0673661	"
B	1st Lt.	Meadville	Harry	W.	0835330	"
RO	T/Sgt.	Reedy	Robert	L.	36373210	"
**TT	T/Sgt.	Swafford	Ieland	L.	14064116	"
BT	S/Sgt.	Rieger	Harvey	W.	37121385	"
TC	S/Sgt.	Iseminger	John	(NMI)	14084579	"
INC	S/Sgt.	Senichsen	Donald	H.	36703732	"
ENG	Sgt.	Jones	William	F. Jr.	38397179	"

*PLANE # 42-31296

P	2d Lt.	Stelzer	Robert	L.	0461320	"
CP	2d Lt.	JOHNSON	WENDELL	T.	0687036	"
N	2d Lt.	HOBBS	HERBERT	L.	0688441	"
B	2d Lt.	WARREN	ROBERT	(NMI)	0685898	"
RO	S/Sgt.	HICKER	DONALD	A.	36522865	"
**TT	S/Sgt.	PACK	JESSE	O.	38222601	"
BT	Sgt.	BLACK	JAMES	P.	39300495	"
TC	Sgt.	NICELY	JOHN	M.	13156041	"
INC	Sgt.	Rice	EDWARD	J.	16096299	"
ENG	Sgt.	HOLLAND	THOMAS	H.	38211220	"

*PLANE # 42-31090

P	1st Lt.	PIPER	HARRY	L., JR.	0740910	"
CP	2d Lt.	HELMUTH	GEORGE	J.	0748646	"
N	2d Lt.	COVENTRY	JAMES	A.	0678616	"
B	2d Lt.	GIBSON	RAYMOND	E.	0676254	"
RO	T/Sgt.	FINNIE	CHARLES	S.	24134662	"
**TT	Sgt.	BAILEY	JAMES	M.	17016617	"
BT	Sgt.	BRANDT	GORDON	F.	16095987	"
TC	S/Sgt.	DEVITO	MICHAEL	F.	12155471	"
INC	S/Sgt.	MOORE	ROYCE	W.	18051910	"
ENG	Sgt.	KELSEN	HAROLD	J.	12182527	"

** Enter complete number of aircraft Designator Engineer

DUTY RANK LAST (NAME) FIRST (LAST) ID NUMBER

*PLANE # 43-310855

P	-	2d Lt.	LAWRY	DONALD	H.	0801998	613th
CP	*	2d Lt.	DOUGLASS	JAMES	S.	0684698	"
N	-	2d Lt.	SELF	HARRY	W.	0674804	"
B	-	2d Lt.	BUCHANAN	ALLEN, JR.		0738535	"
RO	-	SGT.	PETERS	LEE	J.	19062572	"
**TT	-	T/Sgt.	WATERMAN	FRED	G.	32449446	"
BT	-	S/Sgt.	ROOME	CHARLES	C.	36034929	"
TG	-	Sgt.	WOOD	HORACE	W.	18219478	"
IWG	-	SGT.	KNUTSON	ROBERT	W.	17169741	"
RWG	-	SGT.	COLLEGE	CLARENCE	G.	33257076	"

*Plane # 42-31033

P	-	2d Lt.	LOCHER	JAMES	R., Jr.	0802585	"
CP	-	2d Lt.	FRUITT	DOW	C.	0684771	"
N	-	2d Lt.	DUQUETTE	FRED	D.	07366692	"
B	-	2d Lt.	BROWN	JOHN	F.	0673723	"
RO	-	T/Sgt.	Musser	BENJAMIN	Z.	13095360	"
**TT	-	T/Sgt.	KENNEDY	GEORGE	L.	16008922	"
BT	-	Sgt.	GIBSON	H	A.		"
TG	-	Sgt.	MERRILL	CLARK	G.	13098643	"
IWG	-	S/Sgt.	KLIMEK	JOHN	C.	36414442	"
RWG	-	S/Sgt.	DOMM	HEROLD	E.	18176517	"

*PLANE # 484

P	-	MAJOR	BROOKS	ALLISON	C		Sp 4g.
CP	-	2d Lt.	CUSHMAN	THOMAS	R.	0680414	"
N	-						
B	-						
RO	-						
**TT	-						
BT	-						
TG	-						
IWG	-						
RWG	-						

*PLANE # _____

P	-						
CP	-						
N	-						
B	-						
RO	-						
**TT	*						
BT	-						
TG	-						
IWG	-						
RWG	-						

* Enter Complete number of Aircraft
 ** Designate Engineer

4-3

614th BOMBARDMENT SQUADRON (H)
 OFFICE OF THE OPERATIONS OFFICER
 APO # 634

30 December 19 43

SUBJECT: Loading List.

TO : Operations Officer, 401st Bomb Gp (H), APO #634.

1. Following is the list of Combat Crews participating in today's Mission.

*PLANE # 42-39262⁰⁶⁴

DUTY	RANK	LAST (NAME)	FIRST	(MI)	A. S. N.	SQUADRON
P	- 2nd Lt.	KAUFMAN, RICHARD H.			0802121	614th
CP	- 2nd Lt.	LAULO, EDWIN W.			0748693	"
N	- 2nd Lt.	O'NEAL, JOHN E.			0671169	"
B	- 1st Lt.	CAMERON, THOMAS L.			0729625	"
RO	- Sgt.	Sherman, Ezbon C.			31172258	"
**TT	- S/Sgt.	Kukurin, Earl E.			33301988	"
BT	- Sgt.	Melia, Paul S.			32896521	"
TG	- Sgt.	LeSage, Alfred			13068963	"
LWG	- S/Sgt.	Sandford, Franke W.			4458488	"
RWG	- Sgt.	Mancuso, Carmon L.			32582642	"

*PLANE # 42-313115

P	-2nd Lt.	SMITH, WALLACE R.			0801313	614th
CP	-F/O	PAULHABER, DONALD A.			T-121865	"
N	-2nd Lt.	HASKIN, CECIL A.			0685604	"
B	-2nd Lt.	LEVEY, JAMES G.			0674688	"
RO	-S/Sgt.	Castronova, Salvatore L.			32550405	"
**TT	-S/Sgt.	Fair, Charles H.			37211030	"
BT	- Sgt.	Mc Kendry, Daniel C.			13114386	"
TG	-S/Sgt.	Sundberg, David C.			6878362	"
LWG	- Sgt.	Roberts, Marion E.			14159491	"
RWG	-S/Sgt.	Gatzemeyer, Gerald R.			16109129	"

*PLANE # 42-39846

P	-2nd Lt.	KIRKHUFF, DONALD V.			0801995	614th
CP	-2nd Lt.	SOBOLAK, BENNIE V.			0684571	"
N	-2nd Lt.	PIERCE, MYRON E.			0749399	"
B	-1st Lt.	MONTONE, LIEBER J.			0732639	"
RO	-T/Sgt.	Cook, Harold			35458366	"
**TT	-S/Sgt.	Nicholas, Charles L.			13084635	"
BT	-S/Sgt.	Merritt, William E.			31203844	"
TG	-S/Sgt.	Cohn, Leroy			39279686	"
LWG	-S/Sgt.	Koehler, Earl L.			16133877	"
RWG	-S/Sgt.	Michel, Delmar L.			17166768	"

** Enter complete number of aircraft Designate Engineer

DUTY RANK LAST (NAME) FIRST (MT) A. S. N. SQUADRON

*PLANE # 42-39837

P	-	Captain	PECK, JOHN C.	024630	614th
CP	*	2nd Lt.	THOMPSON, HARRY C.	0884782	"
N	-	2nd Lt.	CRANDALL, WILLIAM C.	0801119	"
B	-	2nd Lt.	GERRICK, GEORGE C.	0676940	"
RO	-	S/Sgt.	Stanforth, Joseph R.	15195089	"
**TT	-	T/Sgt.	Novoselich, George	35381019	"
BT	-	S/Sgt.	Urich, Lawrence C.	19096322	"
TG	-	S/Sgt.	Tullie, Albert T.	31148329	"
LWG	-	S/Sgt.	LeBailly, Arthur	32461459	"
EWG	-	S/Sgt.	Kelasz, Henry A.	32474396	"

881
 *Plane # 42-31004

P	-	2nd Lt.	CAMMACK, VERNON K.	0802719	614th
CP	-	2nd Lt.	MERGERSON, CLIFFORD C. Jr.	0748529	"
N	-	2nd Lt.	HARDING, JAMES B.	0759168	"
B	-	F/O	PESRO, JAMES J.	T-1413	"
RO	-	T/Sgt.	Mehalschik, Joseph (NMI)	18126235	"
**TT	-	T/Sgt.	Campbell, Tory L.	32539738	"
BT	-	S/Sgt.	Brown, Harold C.	31808404	"
TG	-	S/Sgt.	Orphan, William J.	11117687	"
LWG	-	S/Sgt.	Graves, Glenn W.	33085580	"
EWG	-	S/Sgt.	Hathaway, Walter	32476518	"

*PLANE # 42-39820

P	-	2nd Lt.	WILSON, SAMUEL P.	0667623	614th
CP	-	2nd Lt.	GATTIS, ELGIN V.	0748622	"
N	-	2nd Lt.	SUDAKOV, LAWRENCE.	0760258	"
B	-	2nd Lt.	DALY, JOHN J.	0759145	"
RO	-	Sgt.	Kelley, Homer C.	38273969	"
**TT	-	S/Sgt.	Corley, Jesse C.	34580015	"
BT	-	S/Sgt.	Ames, Ensign S.	6864052	"
TG	-	Sgt.	Sokol, Leonard S.	37461553	"
LWG	-	Sgt.	Wolf, William G.	37201936	"
EWG	-	S/Sgt.	Harlow, Cleve D.	36426472	"

*PLANE # 42-31077 WEATHER SHIP

P	-	Captain	JAMES H. POSTER	0436942	614th
CP	-	2nd Lt.	EVANS, JACK B.	0680899	"
N	-	2nd Lt.	CASAGRANDE, JEO J.	0675986	"
B	-				
RO	-	S/Sgt.	Pyle, Robert B.	15355929	"
**TT	*	S/Sgt.	Wilson, George S.	35407356	"
BT	-				
TG	-				
LWG	-				
EWG	-				

Enter Complete number of Aircraft

2-3

BOMBARDMENT SQUADRON (H)
 OFFICE OF THE OPERATIONS OFFICER
 APO # 634

December 30 19 43

SUBJECT: Loading List.

TO : Operations Officer, 401st Bomb Gp (H), APO #634.

1. Following is the list of Combat Crews participating in today's Mission.

*PLANE # 42-31193

DUTY	RANK	LAST (NAME)	FIRST	(MI)	A. S. N.	SQUADRON
P -	Capt.	Beers	Robert	W.	0-24910	615th
CP -	2nd Lt.	Byrne	Howard	E.	0-743405	615th
N -	2nd Lt.	Sellers	Lloyd	W.	0-736661	615th
B -	2nd Lt.	Ritch	William	L.	0-739055	615th
RO -	T/Sgt.	Meehan	John	J.	33325533	615th
**TT -	T/Sgt.	Young	Clarence	E.	32449970	615th
BT -	S/Sgt.	Craft	Allen	H.	37225198	615th
TG -	S/Sgt.	Turvy	John	E.	35418681	615th
LWG -	S/Sgt.	Grigg	Franklin	M.	37125928	615th
RWG -	S/Sgt.	Lynn	Kenneth	J.	12167944	615th

*PLANE # 42-31091

P -	Capt.	White	Ralph	J.	0-24885	615th
CP -	Major	Seawell	William	T.	0-23712	615th
N -	1st Lt.	Causey	Rufus	F.	0-674149	615th
B -	Capt.	Kuening	Arnold	C.	0-725449	615th
RO -	Sgt.	Beller	James	E.	6257280	615th
**TT -	S/Sgt.	Zander	Harold	S.	33240304	615th
BT -	S/Sgt.	Sweepe	William	H.	15338388	615th
TG -	S/Sgt.	Knapp	Phil	N.	37540171	615th
LWG -	S/Sgt.	Fatica	Battista	J.	35324899	615th
RWG -	S/Sgt.	Merlino	Frank	A.	31208150	615th

*PLANE # 42-37843

P -	2nd Lt.	Christensen	Ellsworth	E.	0-801593	615th
CP -	2nd Lt.	Rustand	Ronald	L.	0-753815	615th
N -	2nd Lt.	Wong	Delbert	E.	0-750236	615th
B -	2nd Lt.	Reynolds	Herbert	A.	0-749931	615th
BT -	Sgt.	Breen	Roland	J.	16133764	615th
**RO -	Sgt.	Mehlman	Raymond	G.	32438897	615th
BT -	Sgt.	Nonemaker	Jack	D.	19175334	615th
TG -	Sgt.	Ross	Harry	A.	13145459	615th
LWG -	Sgt.	Batson	Allen	L.	39268048	615th
RWG -	Sgt.	Johnson	Russell	W.	32466408	615th

** Enter complete number of aircraft
 Designate Engineer

DUTY RANK LAST (NAME) FIRST (PT) A. S. N. SQUADRON

*PLANE # 42-39904

P	-	2nd Lt.	Grinham	Fred	D.	0-729337	615th
CP	#	1st Lt.	Gould	George		0-900201	615th
N	-	2nd Lt.	Whitney	Ray	F.	0-750325	615th
B	-	2nd Lt.	Wolfe	Ralph	W.	0-676904	615th
RO	-	S/Sgt.	Mackey	Jack	L.	14041992	615th
**TT	-	Sgt.	Cockerham	Roy	W.	13143046	615th
BT	-	Sgt.	Hardy	XXXXXX Charles	E.	11097732	6k5th
LWG	-	Sgt.-	Cummings	William	T.	33346986	615th
RWG	-	Sgt.	Housman	Herbert	M.	12156697	615th
TG	-	Sgt.	Hamilton	James	R.	35664584	615th

Plane # 42-31069

P	-	2nd Lt.	Kaminski	Vincent	(NMI)	0-802408	615th
CP	-	2nd Lt.	Mallon	Richard	W.	0-683039	615th
N	-	2nd Lt.	Hildinger	Lawrence	J.	0-734914	615th
B	-	2nd Lt.	Cury	Enver	C.	0-670027	615th
RO	-	Sgt.	Cheatham	Elmer	R.	14182350	615th
**TT	-	Sgt.	Draginis	Donald	L.	16133104	615th
BT	-	Sgt.	Cantin	Merlin	L.	19138375	615th
TG	-	Sgt.	Farnham	Richard	J.	17180710	615th
LWG	-	Sgt.	Schmidt	Max	H.	16149866	615th
RWG	-	Sgt.	Loadholt	Jay	T.	14125585	615th

*PLANE # 42-37809

P	-	2nd Lt.	Sprecher	Donald	C.	0-804752	615th
CP	-	2nd Lt.	Brown	Fred	Jr.	0-748548	615th
N	-	2nd Lt.	Ticklepaugh	Kenneth	W.	00690506	615th
B	-	2nd Lt.	Weiss	Glen	A.	0-747630	615th
RO	-	S/Sgt.	Kilbane	John	A.	37244825	615th
**TT	-	S/Sgt.	Anderson	Ole	(NMI)	39455398	615th
BT	-	Sgt.	Smart	Donald	W.	36409240	615th
TG	-	Sgt.	Armstrong	William	(NMI)	37333339	615th
LWG	-	Sgt.	Schmader	Charles	R.	33409014	615th
RWG	-	Sgt.	Vindhurst	Raymond	G.	19085085	615th

PLANE #

P -
 CP -
 N -
 B -
 RO -
 **TT #
 BT -
 TG -
 LWG -
 RWG -

Enter Complete number of Aircraft

OPERATIONAL ROUTE FORECAST

 DATE DEC 30, 1967

PERIOD _____

Hq SOS USAPP 9-43/90M/15227

	A BASE TO CL. EAST	B CL. TO TARGET TO CL. E.	C CL. EAST TO BASE	D
WEATHER	PARTLY CLOUDY WITH HAZE AND MIST INCLUDING OVERCAST	OVERCAST	OVERCAST INCLUDING PARTLY CLOUDY WITH HAZE OVER ENGLAND	
CLOUDS	LESS THAN 5/10 STRATO-CUMULUS BASE 2000 FT. INCLUDING TOPS 4000. INCLUDING 8-10/10 AT MID CHANNEL WITH TOPS 10-12000 IN FRONTAL ZONE. MLL. MEDIUM INCLUDING 4-6/10 ALTOSTRATUS BASE 13000 TOPS 15-16000 AT CONTINENTAL COAST. MLL. HIGH CLOUD INCLUDING 6-8/10 CIRROSTRATUS ABOVE 25000 AT CONTINENTAL COAST.	8-10/10 STRATOCUMULUS BASE 0-1000 FT. TOPS 10-12000 FT. WITH TOPS LOWERING TO 6-8000 FT. 4-6/10 ALTOSTRATUS BASE 13000 TOPS 15-16000. 6-8/10 CIRROSTRATUS ABOVE 25000 FT.	5-7/10 STRATOCUMULUS BASE 2000 TOPS 4000 FT. INCLUDING 3-5/10 STRATOCUMULUS BASE 2000 TOPS 4000 FT. AT ENGLISH COAST. MLL. MEDIUM AND HIGH CLOUD INCLUDING MLL. AT MID CHANNEL.	SEVERE.. CONTINUALS ABOVE 21000 FT. BEHIND FRONT AHEAD OF FRONT. MLL. PERSISTENT ABOVE 23000 AND LOWER PER-SISTENT ABOVE 25000. WEAK COLD FRONT AT CONTINENTAL COAST ON ROUTE OUT, FRONT MOVING SOUTHEAST AT 15 M.P.H. FRONT MORE ACTIVE TO NORTH OF ENR ROUTE.
ICING	5000 MLL EXCEPT LIGHT RIME IN FRONTAL ZONE.	6000 MLL EXCEPT LIGHT RIME IN FRONTAL ZONE.	6000 MLL EXCEPT LIGHT RIME IN FRONTAL ZONE	
VISIBILITY	1-2 MILES INCLUDING UNRESTRICTED ABOVE LOW CLOUD.	UNRESTRICTED ABOVE LOW CLOUD AND 0-1 MILE AT SURFACE.	UNRESTRICTED ABOVE LOW CLOUD INCLUDING 3-5 MILES OVER ENGLAND.	
HEIGHT	DIRECTION VELOCITY	DIRECTION VELOCITY	DIRECTION VELOCITY	DIRECTION VELOCITY
SURFACE	299 25 310 15	FLS 2 4		
5000 FT	320 25		1	
10000 FT	320 35	MINS	6	
15000 FT	320 40		16	
20000 FT	330 45		24	
25000 FT	330 50		37	
30000 FT	330 50		50	

BASE ALTIMETER SETTING 30.36 TARGET SURFACE TEMP FLS 4 TARGET MEAN TEMP -10
 TEMP. AT 22000 FT. -25 TARGET SURFACE (PRESSURE-ALT) 89

HEADQUARTERS
401st BOMBARDMENT GROUP (H)
Office of the Staff Weather Officer
APO 634, U.S. Army

30 December 1943

WEATHER INTERROGATION SUMMARY FOR MISSION OF 30 DECEMBER 1943

TAKE-OFF: 0745. 1/10 altostratus, base 12-13,000'. Visibility 3 miles. Surface wind 270 degrees at 14 mph.

ROUTE OUT: 2-3/10 cumulus, tops 8-10,000', increasing at continental coast to 6-8/10 and to 10/10 further inland. Nil high clouds becoming 1/10 cirrus over Germany at 30,000' or above. Visibility unlimited above clouds.

TARGET: 1207. 10/10 cumulus, tops 10,000-12,000'. 1/10 cirrus at 30,000' or above. Visibility unlimited above clouds.

RETURN ROUTE: 10/10 cumulus, tops 10-12,000', becoming 6-8/10 midway to continental coast, 4-6/10 to English coast and 2-4/10 over England. Visibility unlimited above clouds.

BASES: 1615. 2-4/10 cumulus, base 3000', tops 10-12,000'. Visibility 2-3 miles on landing. Surface wind 290 degrees at 15 mph.

REMARKS: Non-persistent contrails from fighters at 26-28,000'. No contrails from bombers at 22,000'. Temperatures over continent: at 22,000', -26 degrees; at 23,500, -30 degrees.

Arthur B. Street
ARTHUR B. STREET
Captain, A. C.
Staff Weather Officer

DECLASSIFIED PER NND 74305
BY JN, NARA DATE 2/19/11

HEADQUARTERS
STATION NO. 128
APO 634

30 December, 1943

SUBJECT: Mission Summary Report.

TO : Group Operations, Station 128.

1. Abortives.

a. Airplane No. 42-31315 returned early for the reason that the pilot could not maintain formation because # 2 super-charger would not produce more than 48" Hg at 2400 RPM.

b. Airplane No. 42-39881 returned early for the reason that oil cooler on # 4 engine blew out.

2. Battle Damage.

a. None.

CHARLES W. HUNT
1st Lt., Air Corps
Group Engineering Officer

HEADQUARTERS
STATION NO. 128
APO 634

30 December, 1943

SUBJECT: S-4 Combat Mission Report on Mission 30 December, 1943.

TO : Commanding Officer, 1st Bombardment Division, APO 634.

1. The following Engineering failures were reported with the number of cases in parenthesis:

Flux Gate Compass Out (1); Supercharger Lag (1)
Generators Out (1); Tachometer Out (1)
Fuel Pressure Guage Out (1)
Oxygen Pressure Guage Out (1)

2. The following Armament failures were reported with the number of cases in parenthesis:

Bomb Bay Door Motor Out (1)
Leaking Vickers Unit (2)

3. The following failures other than Engineering and Armament were reported with the number of cases in parenthesis:

Heated Boots Out (2); Heated Gloves Out (3)

CHARLES W. HUNT
1st Lt., Air Corps,
Group Engineering Officer

HEADQUARTERS
401ST BOMBARDMENT GROUP (H)
Office of the Armament Officer

A.P.O. 634
30 December, 1943

SUBJECT: Armament Narrative, Mission No. 9, 30 December 1943.

TO : Commanding Officer, 401st Bomb Group (H), APO 634,
U.S. Army.

1. The following Armament malfunctions were reported
at the conclusion of the mission of 30 December, 1943.

- a. One ship had the Bomb Bay door operating motor fail.
- b. One Ball Turret and one Upper Turret Vickers Unit
in need of repair.

SAM P. BROOMHALL JR.
2nd Lt., Air Corps,
Group Armament Officer