

*COPY
Capt Hunt
Group Engineering*

APR 28 1944

OFFICE OF THE INTELLIGENCE OFFICER
STATION 128 - APO 557
U. S. ARMY

27 April 1944.

SUBJECT: Comments of Crews Participating in Mission to LE GRISMONT,
this date.

TO : COMMANDING OFFICER, 401st Bombardment Group (H), APO 557
U.S.Army, (THRU Lt. Col. B.K.Voorhees and Lt. Col. A.C.
Brooks).

1. Only the crew of Lt. Donald A. Cury (Pilot) A/C 1891 and
the crew of Lt. Benjamin H. Johnson Jr. (Pilot) A/C 2393 were
formally interrogated. No member of either crew made any comments
or complaints.

2. Capt. Donald G. McCree, Group Leader, had no comment.

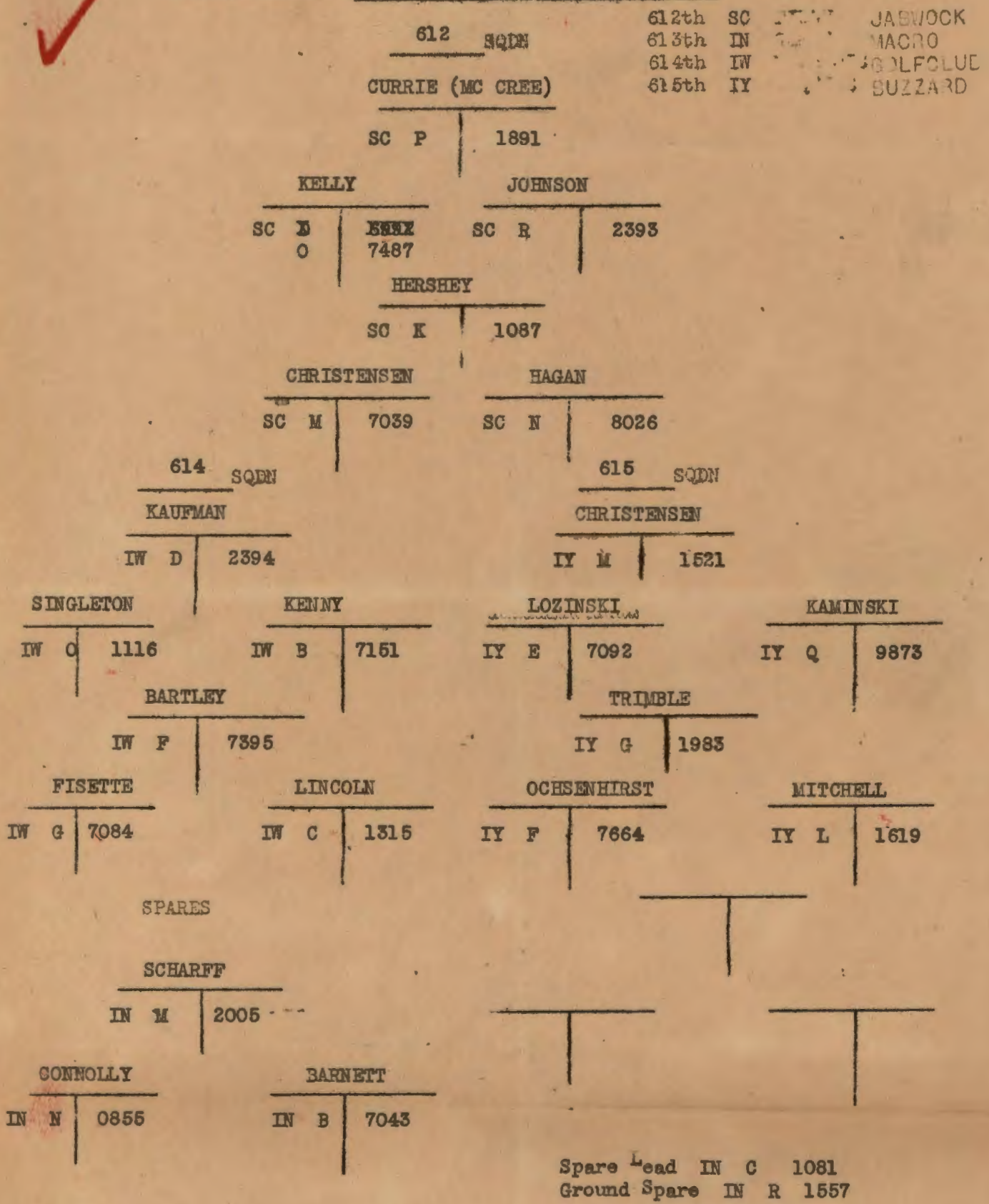
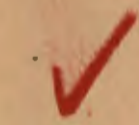
3. It was observed that the sky-marker bomb dropped by the
Lead crew did not detonate as it should have. This was reported
to the Commanding Officer of the Chemical Warfare unit at this
Station.

/s/ Lt. D. V. McCallum
W. B. FRY,
Major, Air Corps,
Group S-2 Officer.

8168

3RD EDITION

Combat Flight Leader: CAPT MC CREE 27 April 1944
Deputy Flight Leader: LT JOHNSON (Date)
Group Call Sign: _____ Fighter Call Sign: _____
Ground Control: _____



REPORT OF OPERATIONAL
DAY

MISSION No. **58**

Date: **27 APR. 44**

TO: **LE GRISMONT, FRANCE**

Target No.
XI/A/95
XI/A/99

NOBALL TARGETS
"A" Constructional Works
"A" Constructional Works

(FRANCE)
LE GRISMONT
BOIS D'ENFER

Illustration No.
XI/A/95/1
XI/A/99/2

Illustration No.
XI/A/95/1
XI/A/99/2

Adjoins illustration XI/A/9/1 etc.

Photographed—Various Dates

0 500 1000 1500 2000 YARDS
0 1 MILE
(1:32,000) approx.

Issued January 1944

Adjoins illustration XI/A/86/1 etc.

Adjoins and overlaps illustration XI/A/94/2 etc.



It should be noted that small variations in scale are possible between this and adjoining illustrations.

This illustration is based on best cover available for the whole area, but may not show latest construction within target areas. For this, reference should be made to the appropriate Type B illustrations for the individual targets themselves.

Adjoins illustration XI/A/72/1 etc.

TYPE A

A.I.3c(1)

DECLASSIFIED PER NND 745005
BY JN
DATE 21/11/11

OFFICE OF THE INTELLIGENCE OFFICER
STATION 128 - APO 557
U. S. ARMY

(D-G-5)

27 April 1944.

SUBJECT: Comments of Crews Participating in Mission to LE GRISMONT, this date.

TO : COMMANDING OFFICER, 401st Bombardment Group (H), APO 557, U. S. Army.
(THRU Lt. Col. B. K. Voorhees and Lt. Col. A. C. Brooks).

1. Only the crew of Lt. Donald A. Cury (Pilot) A/C 1891 and the crew of Lt. Benjamin H. Johnson Jr. (Pilot) A/C 2893 were formally interrogated. No member of either crew made any comments or complaints.

2. Capt. Donald G. McGree, Group Leader, had no comment.

3. It was observed that the sky-marker bomb dropped by the Lead crew did not detonate as it should have. This was reported to the Commanding Officer of the Chemical Warfare unit at this Station.

W. B. FRY,
Major, Air Corps,
Group 8-2 Officer.

TARGET: Crossbow site at Le Grismont, France

The target area is situated on a ridge sloping S to the valley of the R Laquelle, 3/4 of a mile S of the Target. It is about 7 miles S of St. Omer.

This target was about 81% complete the end of Jan and when attacked then, was only damaged slightly. The enemy has advanced further with repairs and further construction than was anticipated and today's attacks will be a maximum effort to knock out as many targets as possible so that you won't have to go over there again.

~~XXXXXXXXXXXX~~

Your MPI will be the center of the target area and bombing will be done from an alt of 22,000'.

The very closest formation will be flown in order to insure a compact bombing pattern. Only one run will be made.

There will be no diversions. The 2nd. Div with 11 Gps and the 3rd. Div with 9 Gps and the remainder of the 1st. Div., will all attack the same type of targets in this area.

There are no secondary or last resort targets.

Fighters

*1 Gp in close support - 47's
6 Gps 47's in Pas de Calais*

*all fighters will be
in A/T areas from zero
minus 15 to limit to
evacuation.*

Flak

Show flak on map 1:250,000

Chaff will be carried in all A/C and will be thrown out at the discretion of the Gp C.O.

Show route on Map 1:250,000

Show Nite Target Chart

The whole installation is camouflaged with netting and painting to blend into the countryside.

Show photos

Spec Instructions

No convoys expected

A/C unable to ~~xxxxxx~~ to return to base will land at Manston

P/W

~~Security~~

Dog tags, identity photos and GI shoes

Security.

612TH BOMBARDMENT SQUADRON (H)
401ST BOMBARDMENT GROUP (H)
Office of the Operations Officer

Plane 42-31087

SUBJECT: Loading List

TO: Operations Officer, 401st Bombardment Squadron Group (H)
AAF Station 128, APO 552

Plane 42-31891

Plane 42-32039

P	Currie, Donald A.	1st Lt.	612th
CP	McGree, Donald G.	Captain	
N	Jeffery, Morey B.	1st Lt.	
B	Winn, Roy R.	1st Lt.	
RO	Cohen, Weldon B.	S/Sgt	
TTG	Gibson, Earl C. W.	S/Sgt	
BTG	Graf, Cecil L.	S/Sgt	
TG	Johnston, Clayton A.	2nd Lt.	
LWG	Severson, Mervyn T.	S/Sgt	
RWG	Amber, Joe R.	S/Sgt	

Plane 42-97487

P	Kelly, William J.	1st Lt
CP	Coyne, Daniel J.	2nd Lt
N	VanDyke, George R.	1st Lt
B	Daniel, James P.	S/Sgt
RO	VanDuren, Paul R.	S/Sgt
TTG	Johnson, Morris W.	T/Sgt
BTG	Stengel, Percy J.	T/Sgt
TG	Garity, John B.	S/Sgt
LWG	Peacock, George P.	S/Sgt
RWG	Markle, Burton A.	S/Sgt

Plane 42-38026

P	Hagan, Marion O. Jr.	1st Lt
CP	Dunn, John B. Jr.	2nd Lt
N	Gordell, Wilbur F.	2nd Lt
B	Graham, Fred E.	2nd Lt
RO	Bartlett, Edward M.	T/Sgt
TTG	Simmons, Harry G. Jr	T/Sgt
BTG	Cox, Wade M.	S/Sgt
TG	Henson, William W.	S/Sgt
LWG	Huston, Arthur A.	S/Sgt
RWG	Stone, James A.	S/Sgt

Plane 42-102393

P	Johnson, Benjamin H. Jr.	1st Lt
CP	Waller, Jack E.	2nd Lt
N	Fishbeck, Howard D.	1st Lt
B	Musso, David M.	1st Lt
RO	Brandt, Melvin A.	T/Sgt
TTG	Sellitto, John N.	T/Sgt
BTG	Schaefer, Donald E.	S/Sgt
TG	Blaugh, Joseph M.	S/Sgt
LWG	Shannon, James L.	S/Sgt
RWG	Litchfield, Russell E.	S/Sgt

Plane 42-31087
Office of the Operations Officer
401st Bombardment Group (H)
815th Bombardment Squadron (H)

P	Hershey, Harry	1st Lt.	612th
CP	Woods, Robert R.	2nd Lt.	
N	Bader, Eugene H.	1st Lt.	
B	Boxer, Martin A.	1st Lt.	
RO	Cherry, Noel C.	T/Sgt	
TTG	Pugh, Alfred E.	T/Sgt	
BTG	Chiccano, Joseph R.	S/Sgt	
LWG	Joseph, Melvyn C.	S/Sgt	
RWG	Civello, Hubert C.	S/Sgt	
	Gulan, Frank F.	S/Sgt	

Plane 42-97039

P	Christensen, Merwin J.	1st Lt.	
CP	Klepper, Fred H.	2nd Lt.	
N	King, Paul J.	1st Lt.	
B	Weiman, Karl K.	1st Lt.	
RO	Spivey, Marion B.	T/Sgt	
TTG	Flagg, Robert W.	T/Sgt	
BTG	Nalbach, Paul L.	T/Sgt	
TG	Lopez, Juan C.	T/Sgt	
LWG	Sable, Berome	T/Sgt	
RWG	March, Irvin L.	T/Sgt	

Plane 42-97487

P	Kelly, William J.	1st Lt.	
CP	Coyle, Daniel J.	2nd Lt.	
N	Vandyske, George R.	1st Lt.	
B	Daniel, James P.	S/Sgt	
RO	Vanduren, Paul R.	S/Sgt	
TTG	Johnson, Marla W.	T/Sgt	
BTG	Stangel, Percy J.	T/Sgt	
TG	Garity, John B.	S/Sgt	
LWG	Pescok, George P.	S/Sgt	
RWG	Markie, Burton A.	S/Sgt	

Plane 42-38028

P	Hagan, Marion O. Jr.	1st Lt.	
CP	Dunn, John B. Jr.	2nd Lt.	
N	Gordell, Wilbur F.	2nd Lt.	
B	Graham, Fred E.	2nd Lt.	
RO	Bartlett, Edward M.	T/Sgt	
TTG	Simmons, Harry G. Jr.	T/Sgt	
BTG	Cox, Wade M.	S/Sgt	
TG	Henson, William W.	S/Sgt	
LWG	Huston, Arthur A.	S/Sgt	
RWG	Stone, James A.	S/Sgt	

Plane 42-102392

P	Johnson, Benjamin H. Jr.	1st Lt.	
CP	Waller, Jack E.	2nd Lt.	
N	Flahbeck, Howard D.	1st Lt.	
B	Musso, David M.	1st Lt.	
RO	Brandt, Melvin A.	T/Sgt	
TTG	Sellitto, John W.	T/Sgt	
BTG	Scheffer, Donald E.	S/Sgt	
TG	Blough, Joseph M.	S/Sgt	
LWG	Shannon, James L.	S/Sgt	
RWG	Litchfield, Russell E.	S/Sgt	

5-3

613th BOMBARDMENT SQUADRON (H)
OFFICE OF THE OPERATIONS OFFICER
AAF STATION 128, APO # 557

27 APRIL 1944

SUBJECT : LOADING LIST.

TO : OPERATIONS OFFICER, 401st BOMBARDMENT GROUP (H), AAF STATION 128, APO #557

1. FOLLOWING IS THE LIST OF COMBAT CREWS PARTICIPATING IN TODAY'S MISSION.

DUTY	RANK	LAST NAME	FIRST NAME	MI
<u>PLANE NO. 42-31005</u>				
P	2nd Lt.	SCHARFF	PAUL	F.
CP	2nd Lt.	ECKERT	CHARLES	A.
N	2nd Lt.	SCHWARTZ	BERNARD	(NMI)
B	2nd Lt.	HOOVER	ROBERT	R.
RO	SGT.	STRONG	ROBERT	C.
TT	T/SGT.	PACK	JESSE	O.
BT	S/SGT.	BEDELL	CHARLES	H.
TG	S/SGT.	SMALLIN	JAMES	M.
LWG	S/SGT.	TOMLINSON	ROSCOE	P.
RWG	SGT.	PYNIGAR	FREDERICK	G.
<u>PLANE NO. 42-107043</u>				
P	2nd Lt.	BARNETT	RICHARD	S.
CP	2nd Lt.	HENNESSY		
N	2nd Lt.	X WOLIVER	IRVING	(NMI)
B	2nd Lt.	WEISS	NORMAN	(NMI)
RO	SGT.	MAHLER	ARTHUR	P.
TT	S/SGT.	WELLS	JAMES	E.
BT	SGT.	BECKOWITZ	PETER	(NMI)
TG	SGT.	D'AGASTINO	VICTOR	(NMI)
LWG	SGT.	CASS	LEO	C.
RWG	SGT.	BARNES	MERLE	E.
<u>PLANE NO. 42-30855</u>				
P	2nd Lt.	CONNOLLY	JOHN	J.
CP	2nd Lt.	BOGGS	JAMES	B.
N	2nd Lt.	KRISE	THOMAS	H.
B	2nd Lt.	BOLLER	EDWARD	H.
RO	SGT.	HURLEY	BARCLAY	J.
TT	S/SGT.	MILLS	CARL	W.
BT	SGT.	PEREZ	FRANK	D.
TG	S/SGT.	KASHNER	CHARLES	D.
LWG	SGT.	FRIEDMAN	MAURICE	(NMI)
RWG	SGT.	NOVAK	CLEMENT	W.

SIX HUNDRED AND FOURTEENTH BOMBARDMENT SQUADRON (H)
 FOUR HUNDRED AND FIRST BOMBARDMENT GROUP (H)
 Office of the Operations Officer

AAF Station # 128
 27 April 1944.

SUBJECT: Loading List.

TO : Operations Officer, 401st Bomb Gp (H), AAF Station # 128.

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

PLANE 42-107084

P	2nd Lt. FISKE, ROBERT L.	614th Bomb Sq
CP	2nd Lt. THOMPSON, CHARLES F.	"
N	2nd Lt. LEVY, JAMES G.	"
B	2nd Lt. PULGIN, WILLIAM P.	"
RO	S/Sgt. Crites, Emory	"
TY	S/Sgt. Garlin, Harry C. Jr.	"
BT	Sgt. Tellefsen, Lawren E.	"
TO	Sgt. Wright, Dale L.	"
ING	Sgt. Long, Albert D.	"
RNG	Sgt. Mack, Allen W.	"

PLANE 42-102394

P	1st Lt. KAUFMAN, RICHARD H.	"
CP	2nd Lt. BRIGHT, WILBUR C.	"
N	1st Lt. HARDING, JAMES B.	"
B	2nd Lt. PHIBBS, ORLANDO J.	"
RO	Sgt. Gray, John A.	"
TY	S/Sgt. Modling, Odon W.	"
BT	S/Sgt. Berg, Edgar H.	"
TO	T/Sgt. Garen, Alex (HMI) Jr.	"
ING	Sgt. Jones, Scott D.	"
RNG	S/Sgt. Teel, Oliver E.	"

PLANE 42-51315

P	2nd Lt. LINCOLN, CLIFFORD A.	"
CP	2nd Lt. MYERS, JOSEPH E. JR.	"
N	2nd Lt. MATRICIAN, MICHAEL	"
B	2nd Lt. DANALAVNE, STEPHEN J.	"
RO	S/Sgt. Johnson, Oscar E.	"
TY	S/Sgt. Bredella, Raymond C.	"
BT	Sgt. Steitz, Clarence E.	"
TO	Sgt. Classick, John F. Jr.	"
ING	Sgt. Moll, Robert C.	"
RNG	Sgt. Haley, Daniel J. Jr.	"

Loading List - Continued:

PLANE 42-107151

P	2nd Lt. KENNEY, JOSEPH R.	614th Bomb Sq
CP	2nd Lt. HEARN, ROBERT F.	"
N	2nd Lt. JAPPE, LEWIS S.	"
B	2nd Lt. WILSON, JOHN R.	"
RO	Pvt. Cohen, Roy V.	"
TY	Pvt. Dixon, William H.	"
BT	Sgt. Humbright, Richard P.	"
TS	Sgt. Hightow, Mark	"
LNG	S/Sgt. Pearlman, Herman	"
RNG	Sgt. Peschon, Raymond J.	"

PLANE 42-31116

P	2nd Lt. SINGLETON, J.N.	"
CP	1st Lt. HANGER, ROBERT W.	"
N	2nd Lt. CONNERY, JOHN E.	"
B	2nd Lt. ARNDT, GLEN H A.	"
RO	S/Sgt. Vistejn, Joseph J. Jr.	"
TY	S/Sgt. Muse, William R.	"
BT	Sgt. Lee, Warren A.	"
TS	Sgt. Blair, Harry J. Jr.	"
LNG	Sgt. Brotzman, Reed L.	"
RNG	Sgt. Brackman, Solomon W.	"

PLANE 42-97896

P	2nd Lt. BARTLEY, LEO S.	"
CP	2nd Lt. HAMMOND, HOWARD W.	"
N	2nd Lt. RYAN, WILLIAM F.	"
B	2nd Lt. CARTER, JAMES P.	"
RO	S/Sgt. Frederick, Eugene D.	"
TY	Sgt. Rader, Richard A.	"
BT	S/Sgt. Hurd, Robert O.	"
TS	S/Sgt. Hartwell, Dennis R.	"
LNG	S/Sgt. DeGraff, Andrew D.	"
RNG	Cpl. Sherman, Gilbert	"

For the Squadron Commander:

WILLIAM C. GARLAND,
 CAPT., Air Corps,
 Operations Officer.

SIX HUNDRED AND FIFTEENTH BOMBARDMENT SQUADRON (H)
FOUR HUNDRED AND FIRST BOMBARDMENT GROUP (H)
Office of the Operations Officer
AAF - Sta - 128 - APO - 557

27 April 1944

SUBJECT: Loading List

TO : Operations Officer, 401st Bomb Gp (H), APO # 557.

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

PLANE # 42-97864

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
ENG-					
PMG-	2nd Lt.	Gohenschirt	Harry	J.	615th
CP-	Captain	Gould	George	(MI)	615th
W. p	2nd Lt.	Beckmans	Ernest	L.	615th
BE-	2nd Lt.	Sloat, Jr.	James	D.	615th
RO-	S/Sgt.	Singleton	Richard	A.	615th
FT-	S/Sgt.	Westberg	Raymond	E.	615th
BT-	Sgt.	Martin	Robert	K.	615th
CG-	Sgt.	Mussey	Ambrose	(W.)	615th
LWG-	Sgt.	Harley	Jerome	V.	615th
RWG-	Sgt.	Martin	Russell	J.	615th

PLANE # 42-31821

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
ENG-					
PMG-	1st Lt.	Christensen	Ellsworth	B.	615th
CP-	1st Lt.	Rustand	Ronald	L.	615th
W.	1st Lt.	Wong	Delbert	B.	615th
BE-	1st Lt.	Reynolds	Herbert	A.	615th
RO-	T/Sgt.	Mehlmann	Raymond	O.	615th
FT-	S/Sgt.	Breen	Roland	J.	615th
BT-	Sgt.	Roundtree	Charles	L.	615th
CG-	S/Sgt.	Batson	Allen	L.	615th
LWG-	S/Sgt.	Johnson	Russell	N.	615th
RWG-					

PLANE # 42-39873

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
ENG-					
PMG-	1st Lt.	Kaminski	Vincent	J.	615th
CP-	1st Lt.	Mallon	Richard	W.	615th
W.	1st Lt.	Hildinger	Lawrence	J.	615th
BE-	2nd Lt.	Walsh	James	(MI)	615th
RO-	T/Sgt.	Cheatham	Elmer	B.	615th
FT-	T/Sgt.	Draginis	Donald	L.	615th
BT-	S/Sgt.	Magbowiak	William	E.	615th
CG-	S/Sgt.	Powell	Gerald	J.	615th
LWG-	S/Sgt.	Rehdeaux	Jay	N.	615th
RWG-	S/Sgt.	Leadholt	Jay	T.	615th

DUTY RANK LAST (NAME) FIRST (MI) SQUADRON

PLANE # 42-21902

PLANE # 42-31983

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
WFO	S/Sgt.	Postvoys	John	L.	615th
P	1st Lt.	Trimble	William	W.	615th
CP	2nd Lt.	Shantz	Fred	L.	615th
M	2nd Lt.	Lank	Beryl	L.	615th
B	1st Lt.	Cury	Edward	C.	615th
RO	T/Sgt.	Mackay	Jack	L.	615th
TT	S/Sgt.	Tracey	Edward	(NMI)	615th
BT	S/Sgt.	Lutai	Frank	R.	615th
TG	S/Sgt.	Asbell	William	R.	615th
LWG	S/Sgt.	Acker	Joseph	F.	615th
RWG	S/Sgt.	Courtad	Paul	K.	615th

PLANE # 42-107092

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
P	1st Lt.	Lozinski	Stephen	J.	615th
CP	2nd Lt.	Ballenger	William	H.	615th
H	P/O	Rush	Louis	R.	615th
B	2nd Lt.	Hughes	Harold	E.	615th
RO	S/Sgt.	Weber	Bernard	J.	615th
TT	S/Sgt.	Friedman	Irvin	I.	615th
BT	S/Sgt.	Keller	James, Jr.	F.	615th
TG	S/Sgt.	Williams	John	A.	615th
LWG	S/Sgt.	Brook	Kenneth	E.	615th
RWG	-----	-----	-----	---	-----

PLANE # 42-31619

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
P	1st Lt.	Mitchell	Lewis	A.	615th
CP	2nd Lt.	Lina	Frank	(NMI)	615th
M	2nd Lt.	Wade	Jay	A.	615th
B	2nd Lt.	Lots	Robert	F.	615th
RO	S/Sgt.	Reddy	Hugh	D.	615th
TT	T/Sgt.	Romano	Emanuel	L.	615th
BT	S/Sgt.	Warlow	Charles	R.	615th
TG	Sgt.	Campson	John	(A)	615th
LWG	Sgt.	Crawley	Eugene	F.	615th
RWG	-----	-----	-----	---	-----

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
------	------	-------------	-------	------	----------

PLANE # 42-31983

I* Following is the list of names of personnel in plane, as reported to the 615th Squadron, 48th Bombardment Group, 8th Air Force, as of 10/1/44.

TO : Obligation of the 615th Squadron, 48th Bombardment Group, 8th Air Force, as of 10/1/44.

REMARKS: Personnel in plane

EA 10/1/44

THE - 48th - 8th - 10/1 - 44
Office of the Obligation of the 615th Squadron, 48th Bombardment Group, 8th Air Force, as of 10/1/44.
DOES INCLUDE THE 615th Squadron, 48th Bombardment Group, 8th Air Force, as of 10/1/44.
THE 615th Squadron, 48th Bombardment Group, 8th Air Force, as of 10/1/44.

STATION WEATHER OFFICE
AAF STATION 120
APO 557 • U.S. ARMY

27 April 1944

WEATHER INTERROGATION SUMMARY FOR MISSION OF 27 APRIL 1944.

BASE ON TAKE OFF: (0620). Nil cloud. Visibility 5 miles with light smoke layer from east to west through north.

ROUTE OUT: Nil low or middle cloud. Nil-3/10 fine cirrus above 25000'. Visibility unrestricted aloft.

TARGET (LE GRINNET): (1052). Similar to route out. Downward visibility 10 miles. 3-5/10 stratocumulus low cloud tops 5-6000' seen to the southwest of the target area.

RETURN ROUTE: Similar to route out.

BASE ON RETURN: (1202). Nil low or medium cloud. 2/10 fine cirrus above 25000'. Visibility 5 miles.

REMARKS: No contrails or icing reported. Light haze near surface over continent. Temperatures about as briefed, e.g., 22000' temperature minus 22 degrees. Winds about as forecast, e.g., 17000' 340 degrees 27 knots.

Walter J. Saucier
WALTER J. SAUCIER
1st Lt., Air Corps
Weather Officer

OPERATIONAL ROUTE FORECAST

DATE 27 APRIL 1944

PERIOD 0600 - 1300 hrs.

AG P BR HQ SOS 2-44/65M/22929

	A Base to Target to Base	B	C	D
1 WEATHER	Partly Cloudy with Haze and Fog in Patches becoming Partly Cloudy with Haze.			
2 CLOUDS	0-3/10 Stratocumulus base 1-2000ft tops 3-4000ft. becoming 2-4/10 Cumulus base 2-3000ft tops 5-6000ft. at Base on return. 2-4/10 Fine Cirrus above 25,000ft.			---NOTE--- Contrails Above Operational Level ---NOTE--- Target MSL LEVEL Pressure 30.56 inches
3 ICING	8500ft MSL			
4 VISIBILITY	1-2000yds Locally less than 1000yds becoming Unrestricted Aloft and becoming 3-5 miles at Base	Surface on Return. Downward Visibility 10-15 miles.		
HEIGHT	DIRECTION VELOCITY	DIRECTION VELOCITY	DIRECTION VELOCITY	DIRECTION VELOCITY
SURFACE	BASE to TARGET 300 11	Temperatures Plus 12		
5000 FT	320 15	Plus 05		
10000 FT	340 20	-01		
15000 FT	350 25	-09		
20000 FT	350 30	-20		
25000 FT	360 35	-32		-04.0
30000 FT	360 35	-44		↑

BASE ALTIMETER SETTING 31.53

TARGET SURFACE TEMP. Plus 12
TEMP. AT 22,000 FT. -25

TARGET MEAN TEMP. -04.0
TARGET SURFACE (PRESSURE-ALT) -588ft

Add Target Elevation to Pressure Altitude.