

IRIS Public Record

Key Information

Main: GROUP/0416/BOMBARDMENT (LIGHT)

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NUMPAGE **19**

Title Extensions:

Abstract CONTAINS TARGET DATA. TARGET: LA MORINIERE. MISSION SUMMARY.

Descriptive Notes:

Title MISSION NUMBER 89

Added Entries

Author:

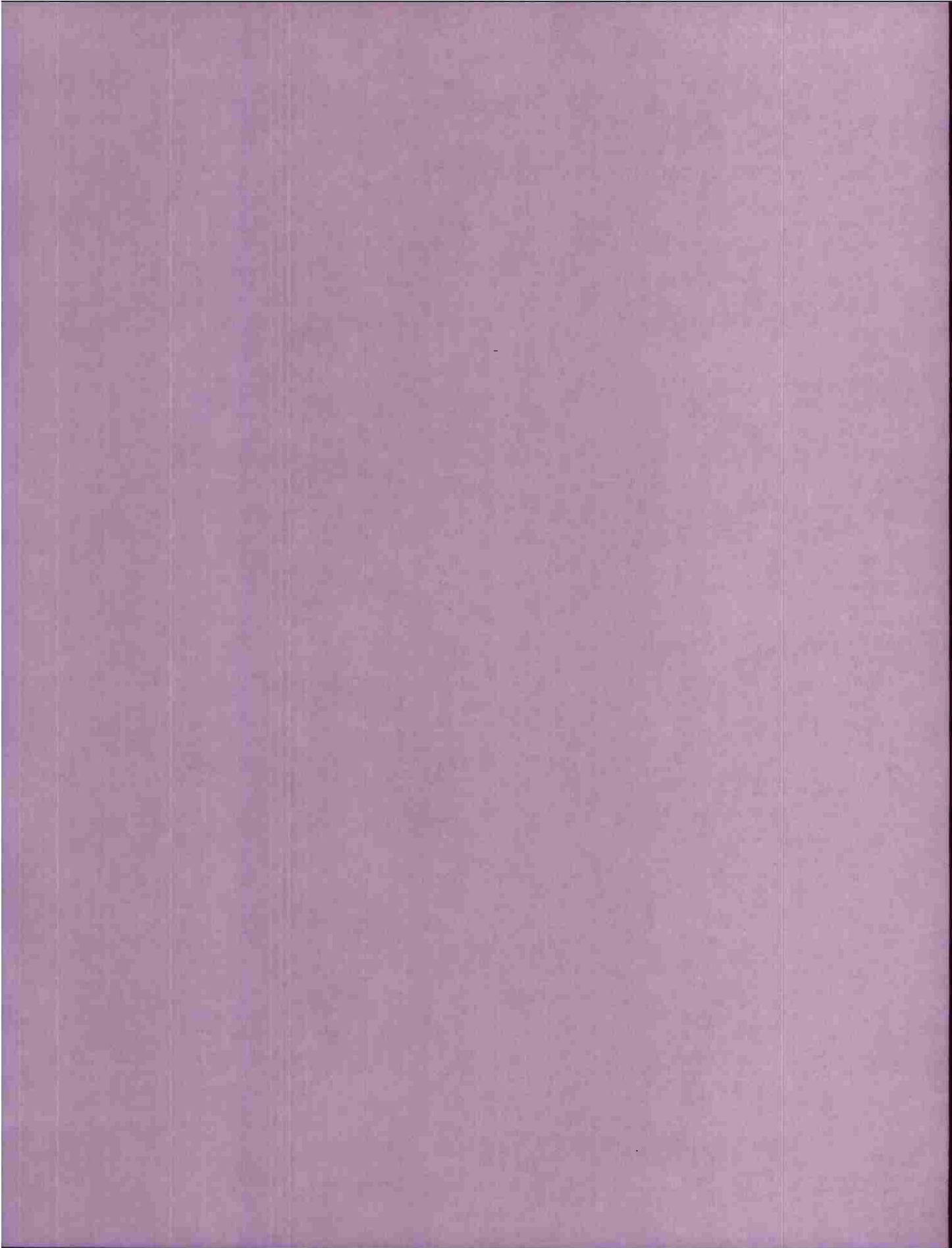
Subject:

Major Command:

Administrative Markings

No Administrative Markings Listed

Security Review Information:



Sp-416-Sub-Op-S
4 Jul 1944

P.R.G.

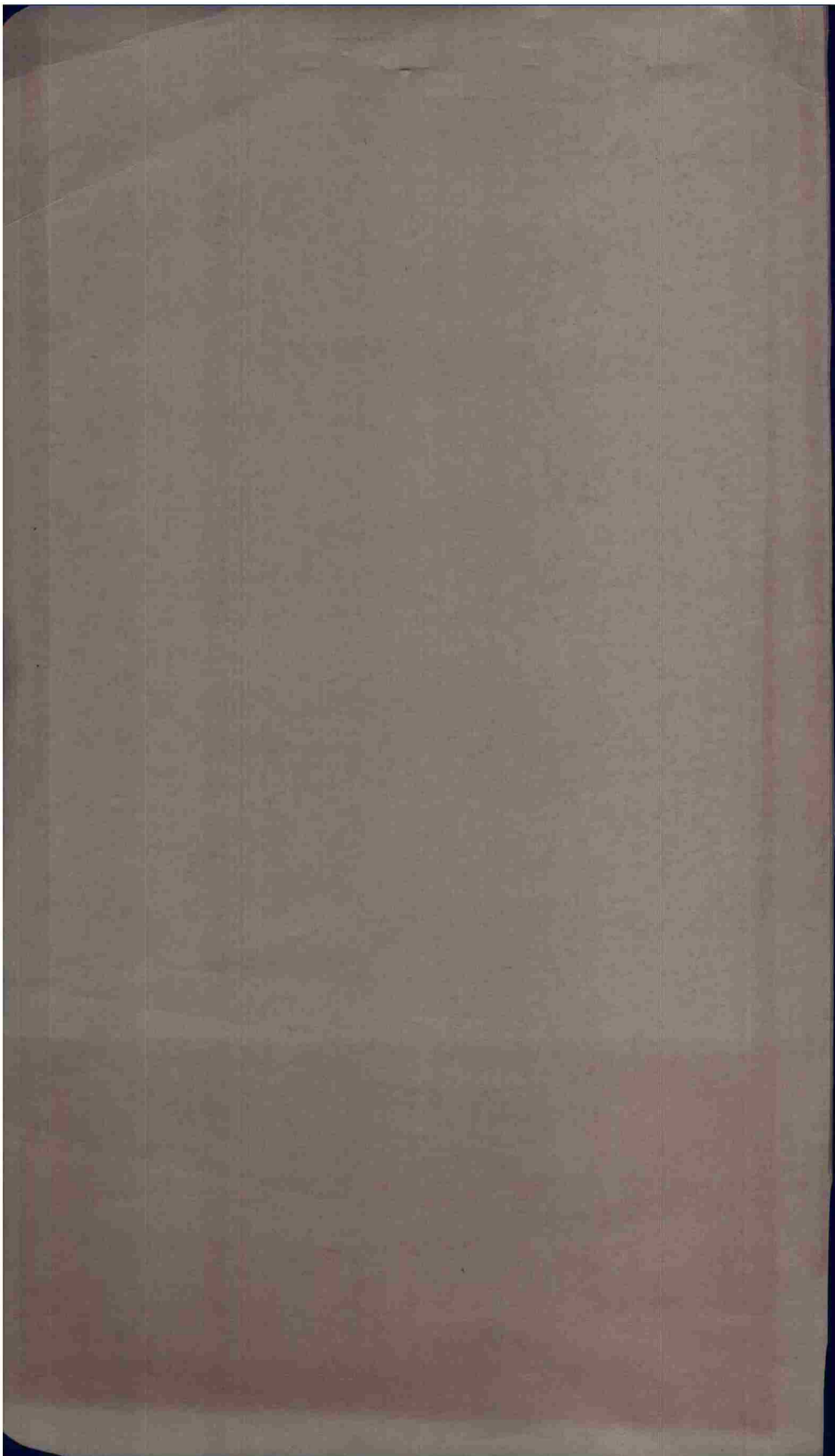
SCANNED BY ACD
2007-5

DECLASSIFIED
DOD DIR 52009, 27 Sep 58

00091894

~~SECRET~~

~~MICROFILMED~~



MISSION SUMMARY

Target: La Moriniere (Defended Locality)
F/D# : 407
Date : 4 July 44
Results: No cover (PPF)

LA MORINIERE (DEFENDED LOCALITY)

416th BG: 36 a/c dispatched, 34 dropping 4 x 1000, 144 x 500, 6 x 250 GP on primary.

2 a/c failed to bomb: personnel failures.

No losses, casualties, battle damage. Bombing by boxes from 12,000, 12,500 feet. PPF technique employed.

No photo coverage or visual observation of bombing results due to cloud cover.

OICOG OILAI V YAA YAA 14/04 OP
 FROM 416TH BOMB GROUP (L) 04/1800B Y-53-D
 TO HQ IX BOMBER COMMAND ATTEN: A-2
 HQ 97TH COMBAT WING ATTEN: A-2

OPERATIONAL PRIORITY CONFIDENTIAL BT

OPFLASH NO. 88 FOR 4 JULY 1944.

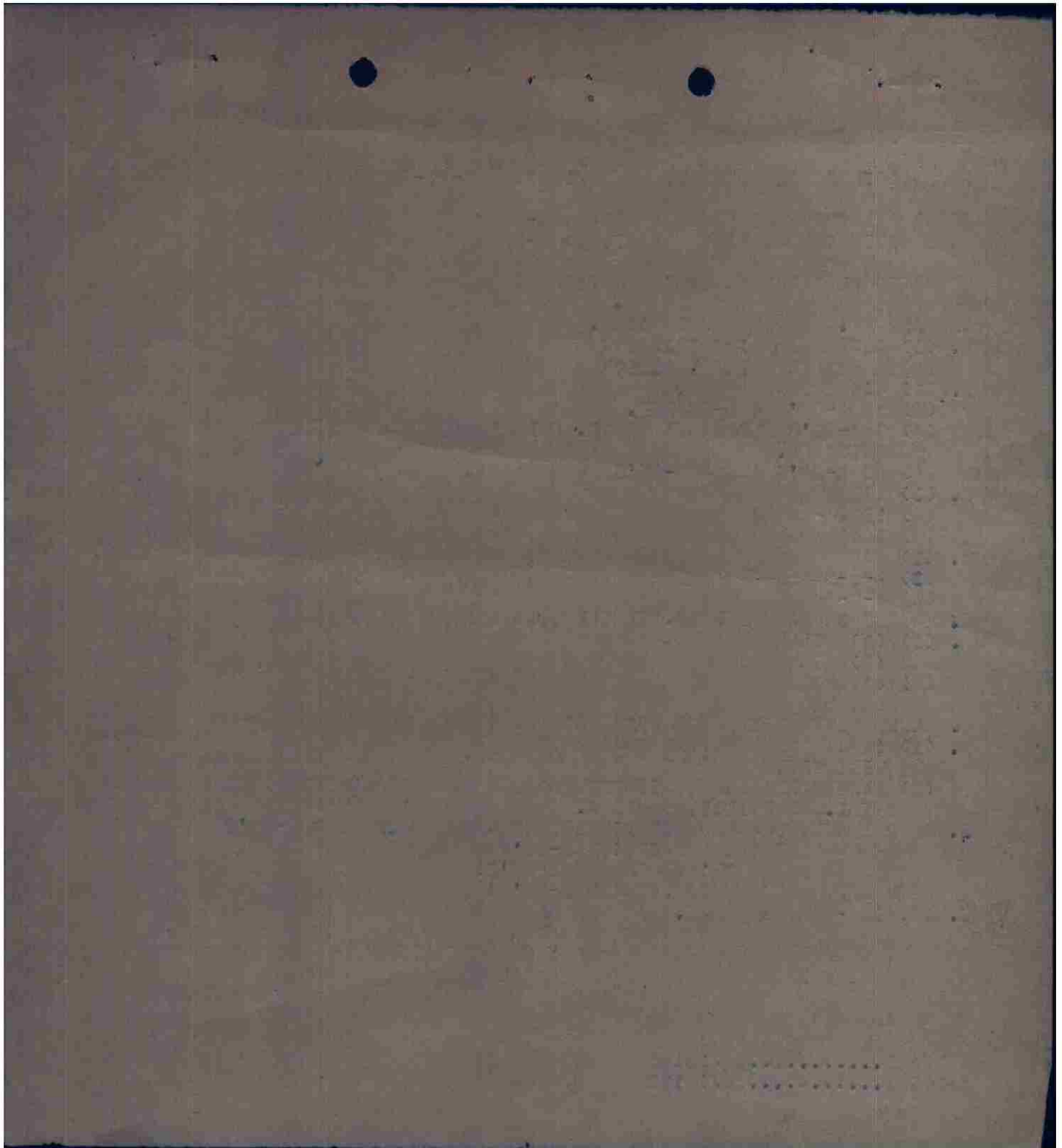
- A. (1) DEFENDED POINT T 133677
 (2) DEFENDED POINT T 133677
 B. (1) 416TH BG
 (2) 32 A-20'S 4 B-26 PFF.
 (3) 2 A-20'S PERSONNEL ERROR. PILOTS USED WRONG SELECTOR SWITCHES.
 (4) 30 A-20'S AND 4 B-26'S ON PRIMARY.
 C. (1) 1332
 (2) 1521 - 1523
 (3) 1644
 D. (1) NONE
 (2) 0-0-0
 (3) 0-0-0
 E. BOMBED ON PATHFINDERS. RESULTS UNOBSERVED
 F. (1) (A) NIL
 (B) NIL
 (2) (A) NIL
 (B) NIL
 G. CLOUD COVER PREVENTED OBSERVATION.
 H. (1) 10/10 CUMULUS TOPS TO 10,000 FEET
 VISIBILITY 5 MILES
 (2) ELSEWHERE OVER CONTINENT 6/10 TO 8/10 CUMULUS TOPS TO 8,000 FEET. VISIBILITY 5 MILES.
 I. ON PRIMARY: 144 X 500 GP (INCLUDING 4 X 500 GP BY 4 B-26'S)
 6 X 250 GP (BY B-26'S)
 4 X 1000 GP (BY B-26'S)
 RETURNED 10 X 500 GP (BY A-20'S)
 J. 12,000 - 12,500 FEET.

MACE COBOMGR 416

BT 04/1800B

EW AR KK

OILIA R.....04/1818B SS AR
 OICOG R.....04/1812B PJC AR
 T



00COG 0IHAK 0IG0F 0IYAA 0IPPF V 0ILAI 0ILAI 4/04 0P

FROM 97TH COMBAT BOMB WING 04/1150B Y-0009-E
TO COMBOMCOM IX
409TH BOMB GROUP
410TH BOMB GROUP
416TH BOMB GROUP
1ST PROV. PATHFINDER



Capt Sheehan
Briefing 0

OPERATIONAL PRIORITY BT

SECRET SEND IN THE CLEAR AUTH. LT. COL. MC AFEE

97TH COMBAT BOMB WING
APO 140
04 JULY 1944

FIELD ORDER NO. 109-407

MAPS: NORMAL

- 1. B. (1) CURRENT BOMB LINE
(2) ALLIED FIGHTERS WILL FURNISH AREA COVER.
- 2. THIS WING WILL ATTACK A MILITARY OBJECTIVE IN FRANCE.

ZERO HOUR: 04/1500B

- 3. A. 416TH BOMB GROUP
 - (1) GRID COORD. T-133 677 CODE NO. 9/J/654
 - (2) 2 BOX OF 16 A/C
 - (3) AREA COVER
 - (4) BASE TO MAIDEN HEAD TO SALISBURY TO BILL OF PORTLAND TO 49 DEG. 44 MIN. NORTH 02 DEG. 27 MIN. WEST TO TARGET.
 - (5) TARGET TURN LEFT TO SELSEY BILL TO MAIDEN HEAD TO BASE.
 - (6) 1ST BOX BOMB AT 12,500 FT. ON P.F.F.
2 ND BOX BOMB AT 12,000 FT. ON P.F.F.S
 - (9) M.P.I. ILL 4902W/23/B REF XM.026058 TO BE USED IF BOMBING IS VISUAL.
 - (10) BOMB LOAD AND FUSING
6 X 500 G.P. 1/10 SEC. NOSE 1/100 SEC TAIL
 - (12) BOMB ON P.F.F. UNLESS GIVEN SIGNAL FROM P.F.F. TO BOMB VISUAL
 - (13) TIME OVER TARGET FOR 1.ST BOX ZERO HOUR PLUS 20 AND 2ND BOX ZERO PLUS 21

X. (1) TO (4) NO CHANGE

4. NO CHANGE

5. COMMUNICATIONS:

C. 416TH BOMB GROUP:

- (2) FANCYGIRL
- (11) AIR SUPPORT REQUEST MISSION PROCEDURE IN EFFECT, CONTACT GROUND CONTROL 5 MINUTES PRIOR TO LADFALL.
- (12) MISSION C/S AND NO. ZLW3/ZLW3.
- (13) AIR SUPPORT CONTROL PARTY C/S BLENDWELL.

X. GENERAL INFORMATION:

- (3) DELETE 9 ALL DAY, DELETE 7 BETWEEN 1400-1630.
- (10) BVTA/BVTA

COCBTWIG

BT 04/1150B

CC: LAST WORD IN 4. (11) SHOULD BE LANDFALL IN STEAD OF LADFALL



0ICOG R.....04/1223B DC AR

0IPPF R.....04/1223B MET AR

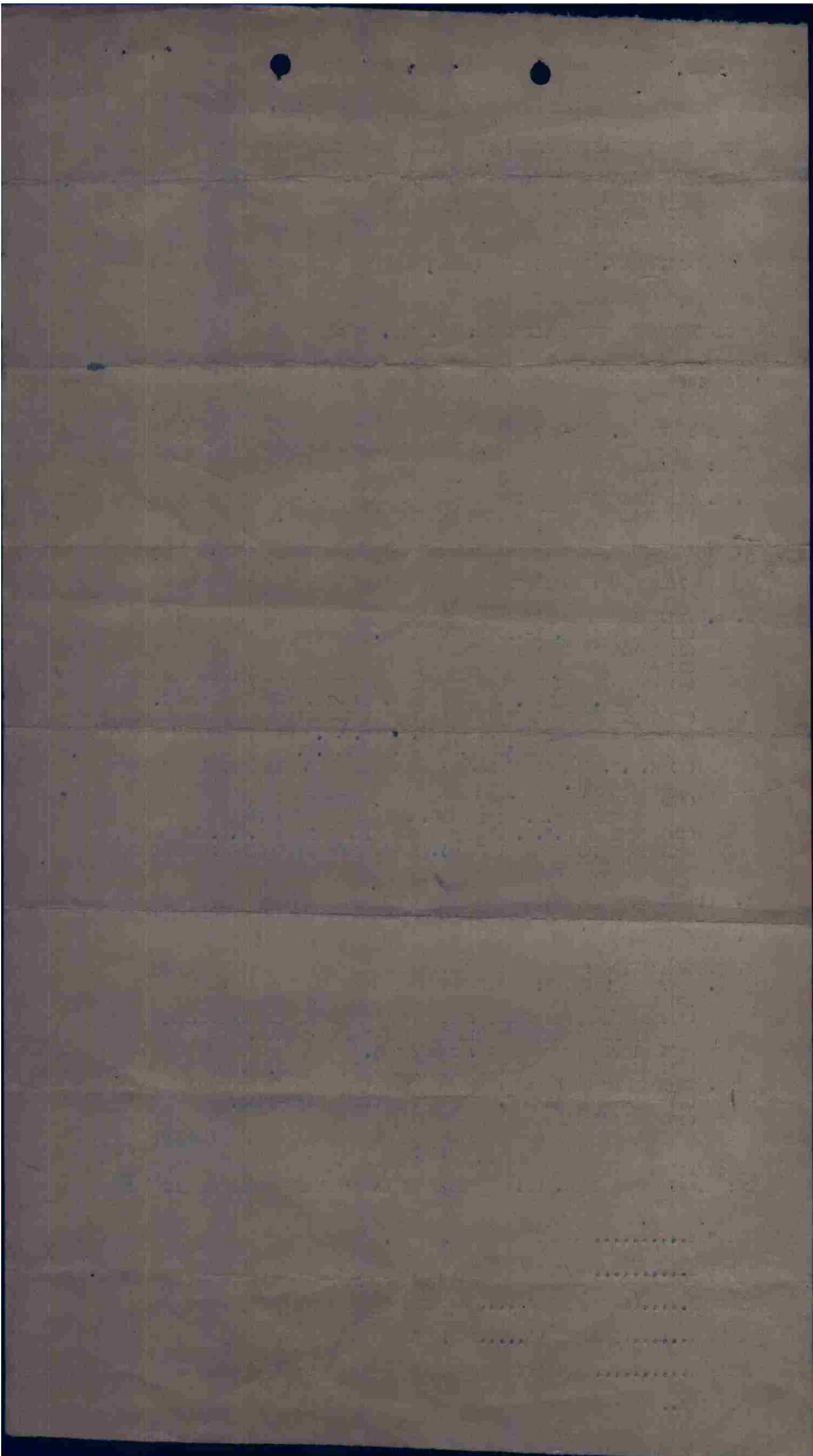
0IHAK R.....(INFO COPY)04/1225B EB AR

0IG0F 4...;(INFO COPY).....04/1225B AL AR

0IYAA R.....04/1225B EJ AR

RRR/ LEG..

AR



MISSION NO. 89

LOADING LIST

4 July 1944

BOX I
FLIGHT I

- Just*
1. 640 S
Lt. A.E. Osborne
Lt. W. Forman
S/S R.E. Kelly
S/S W.H. Coe
 2. 717 F
Captain G.M. McNulty
Lt. F.H. Bursiel
S/S R.A. Wolber
Sgt. S.P. Howell

3. 195 D
Lt. Col. W.W. Farmer
S/S F.E. Cherry
Sgt. F. Elliot
4. 745 I
Lt. R.D. Leasher
S/S E.S. Dickenson
S/S K.E. Hornbeck

FLIGHT II

1. 211 O
Lt. W.J. Greene
S/S J.A. Ochsbe
S/S W.F. Colbert
2. 227 F
Lt. A.W. Nordstrom
S/S J.D. Gossitt
S/S R.L. Miller

3. 680 R
Lt. D.G. Grunig
Sgt. M.E. Dias
Sgt. H.J. Nowosielski
4. 387 H
Lt. C.L. McGlohn
S/S J.W. Moran
S/S P.B. Driskill

FLIGHT III

1. 244 E
Lt. H.A. Monroe
S/S W.L. Kidd
S/S S. Ricks
2. 200 A
Lt. D.F. Shea
S/S R.E. Lee
S/S F.G. Falk

3. 892 L
Lt. R.O. Grutzmacher
Sgt. C.L. Shaw
S/S R.F. Adleman
4. 689 I-1
Lt. P.G. Atkinson
S/S J.C. Swafford
S/S P.F. Glynn

FLIGHT IV

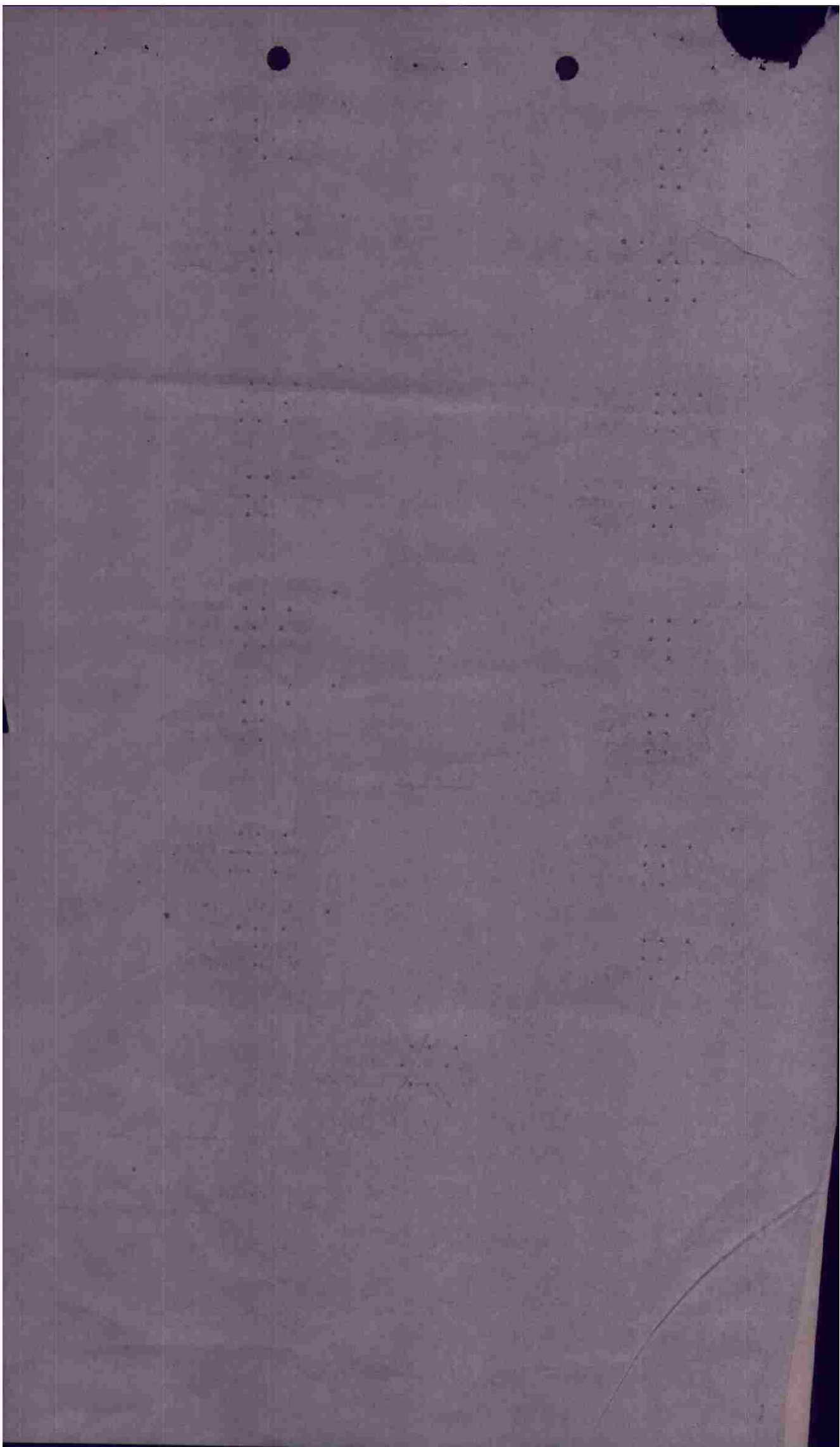
1. 209 K
Lt. F.J. Harrold
S/S H.L. Griffin
S/S C.W. Manias
2. 380 N
Lt. H.L. Johnson
S/S W.J. Donahue
Sgt. M. Hall

3. 750 M
Lt. D.F. Scamers
Sgt. J.L. Johnson
Sgt. S.R. Zaklikowicz
4. 217 D-1
Lt. L.R. McBride
S/S J. McKee
S/S R. Butcher

~~SPARE~~
978 S
Lt. R.E. Hall
Sgt. L.C. Burger
S/S D.S. Blackford

*Rede Barre
as per
no Lashie*

Box I
Mission No. 89
4 July 1944



MISSION NO. 89

LOADING LIST

4 July 1944

BOX II
FLIGHT I

1. 444 J
Major R.F. Price
Lt. A.R. Hand
S/S P.W. Wild
S/S G.B. Spang

3. 362 L
Lt. L.E. Hill
S/S R.W. Burch
S/S C.H. Yost

2. 719 V
Captain R.B. Trentise
Lt. R.T. McBrien
S/S J.E. McCreary
S/S H.J. Sylva

4. 210 Q
Lt. L.G. Peede
S/S L.H. Daugherty
S/S C.L. Hibbs

FLIGHT II

1. 724 A
Lt. F.W. DeLand
Lt. H.J. Fanlon
S/S R.J. Troyer
S/S C.W. Middleton

3. 714 H Lt. F.W. Henderson
~~S/S R.H. Griswold~~
~~S/S P.E. Oculcabe~~
S/S R.H. Griswold
S/S P.E. Oculcabe
4. 493 V-1
Lt. R.H. Smith
S/S A.A. Stockham
S/S R.J. Mahoney

2. 363 L-1
Lt. R.V. York
S/S L.A. Ashton
S/S H.J. Wilds

FLIGHT III

1. 214 G
Lt. R.V. Wheeler
S/S J.S. Brewer
S/S R.F. Brown

3. 221 F
Lt. J.H. Miller
S/S R.G. Schram
S/S J. Calender

2. 711 M
Lt. T.J. Murray
S/S D.H. DeBower
S/S R.J. Jones

4. 165 H
Lt. M. Suben
T/S J.R.L. Tanner
S/S W.C. Russell

FLIGHT IV

1. 975 W
Lt. R.H. Cruise
S/S R. Shelton
S/S D.R. Schonck

3. 764 X
Lt. A.F. Welsh
Sgt. R.E. Wright
Sgt. S.G. Novak

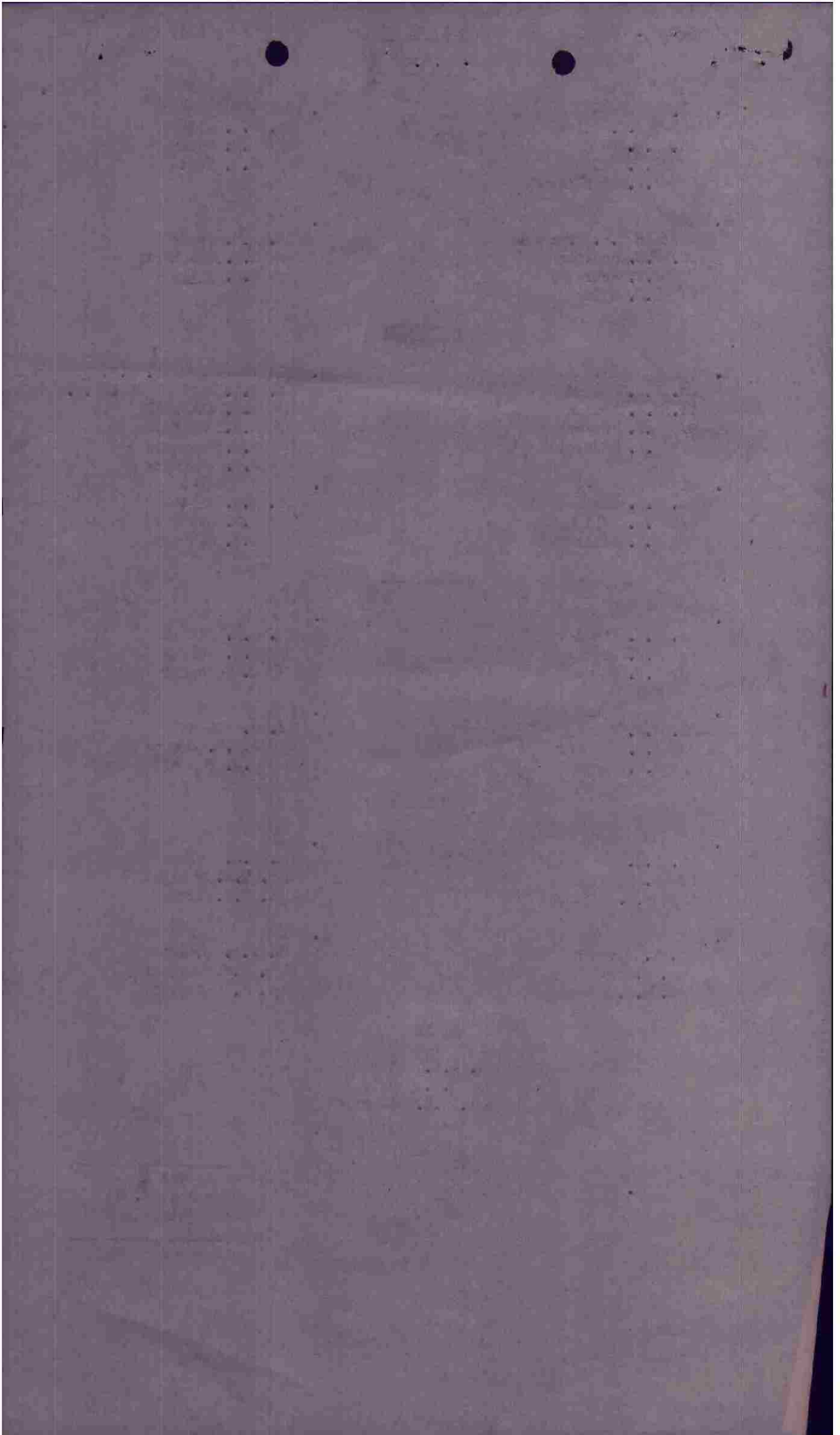
2. 379 G
Lt. T. Clausen
Sgt. C. Fetko
Sgt. D.M. Brown

4. 907 O
Lt. J.F. Kenny
Sgt. J.K. Spadoni
Sgt. F. Noteriani

STARE
219 D
Lt. C.I. Estes
S/S C.R. Orvold
Sgt. A.E. DiMartino

*Rede Gully
As! Spadoni
no letter*

Box II
Mission No. 89
4 July 1944



USAAF FORM 34A

SECRET

SECRET

AUTH: CO STA 170
DATE: 5 July 1944
INIT:

HEADQUARTERS
416TH BOMBARDMENT GROUP (L)
Office of the Commanding Officer

TO: Commanding General, Ninth Air Force, APO 696, U. S. Army. (REAR). Attention: 26th Statistical Control Unit.

From: 416th Bombardment Group (L), APO 140, U.S. Army.

Ref: Oprep A No. 95 for 24 hrs. ending midnight 4 July 1944
Mission or Operation No. 89

A. Short Narrative of Operation:

Target Defended Point E-131677
Place of take-off AIF Station 170
Place of landing AIF Station 170
Take-off time 1932 Landing time 1644
Time over target 1521 - 1523 Bombing Altitude 12000 - 12500 feet.
Nature of mission Bombing Other None
Weather 10/10 cumulus tops 10,000 feet. Visibility 5 miles.
Results Unobserved.
Enemy opposition None

B. Type & model of aircraft:

1. Dispatched 27 A-20B
5 A-20J
4 B-26 (IFF o/a).
2. Attacking target (indicate target) or completing mission.
25 A-20B
5 A-20J
4 B-26 (IFF o/a)
3. Abortive due to:
 - (1) Weather: None
 - (2) Personnel: 2 A-20B. Selector switches in wrong position.
 - (3) Mechanical: None
 - (4) Other: None
4. Missing (i.e. cause and place unknown) None
5. Destroyed - before reaching target None
giving cause where known _____
6. Destroyed - over or after leaving None
target giving cause where known _____
7. Damaged (give category & cause) None
8. Sorties 27 A-20B
5 A-20J

SECRET

(over)

SECRET

GEORGE SOHNKRIN,
Captain, Air Corps,
Adjutant.

For the Commanding Officer:

- a. Destroyed
- b. Prop. Dam
- c. Damaged

H. Enemy aircraft by type or description (tentative entries):

Type of Casualty	Pilot	Co-pilot	Nav	Bomb	R. Gun	E. Gun	T. Gun
Killed in Action	0	0	0	0	0	0	0
Missing in Action	0	0	0	0	0	0	0
Seriously Wounded	0	0	0	0	0	0	0
Slightly Wounded	0	0	0	0	0	0	0

G. Own Personnel Casualties:

- a. Total Returned
- b. Total Killed in Action
- c. Total Missing in Action
- d. Total Wounded in Action

- e. Total on Wrecked or Missing e/c
- f. Total Jettisoned
- g. Total Expended on Operations (List targets separately)

- h. Total Carried into Air
- i. Bombs, Mines, etc. used
- j. Total Carried into Air
- k. Expended on Operations
- l. Total Carried into Air

- m. Ammunition by caliber
- n. Total Carried into Air
- o. Expended on Operations
- p. Total Carried into Air

- q. Night (Sunset to Sunrise)
- r. Day (Sunrise to Sunset)

- s. Total Operational Flying Hours
- t. Day (Sunrise to Sunset)
- u. Night (Sunset to Sunrise)

SECRET

USAF FORM 374 (04-54)

CONFIDENTIAL

HEADQUARTERS
41ST BOMB GROUP (L)
OFFICE OF THE WEATHER OFFICER

APO 140
4 July 1944

SUBJECT: Interruption Report

TO : Staff Weather Officer, Headquarters IX
Bomber Command, APO 140, U. S. Army.

BASE AT TAKEOFF: Visibility 5 miles. 6/10 to 7/10
stratocumulus and cumulus at 3,500 feet.

ROUTE OUT: 6/10 cumulus and stratocumulus over England.
Base 4,000 to 5,000 feet. Tops 3,000 feet.
4/10 to 6/10 cirrus over entire route. Over
channel cumulus decreased to 2/10 to 3/10 with
occasional tops to 14,000 feet. France 5/10 with
tops 6,000 to 8,000 feet. Visibility 4 to 5 miles.

TARGET: 10/10 cumulus with tops 10,000 feet and occasionally
to 14,000 feet. Visibility 5 to 6 miles.

ROUTE BACK: Similar to route out but with 4/10 to 5/10
stratocumulus over England and 6/10 to 7/10
altocumulus estimated at 10,000 feet from
south coast to base.

BASE ON RETURN: 3/10 to 4/10 stratocumulus 3,000 feet. 2/10
altocumulus 10,000 feet. Visibility 5 miles.

WINDS: As forecast

TIME OVER TARGET: 1516

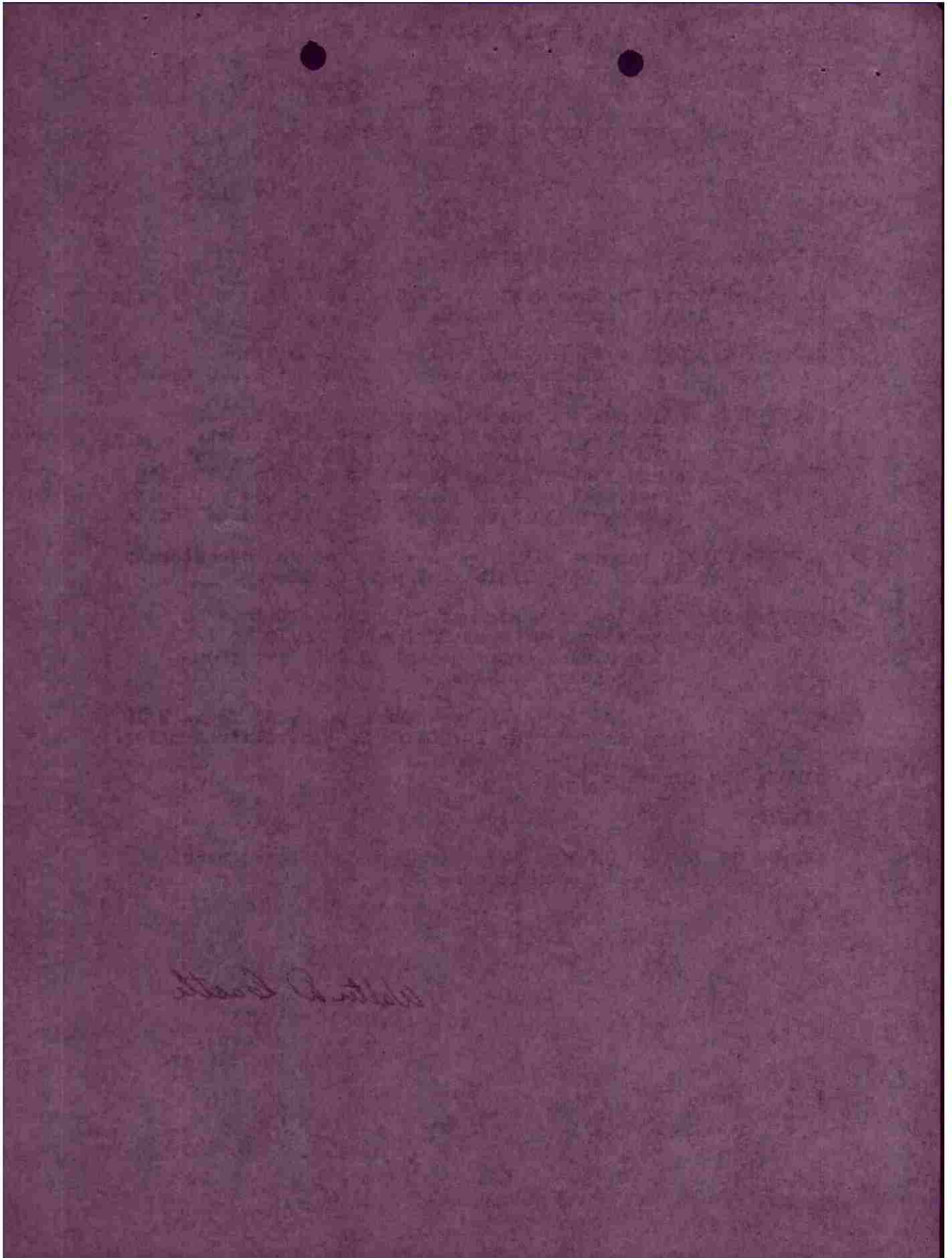
EFFECT OF WEATHER ON BOMBING: Clouds necessitated bombing
on pathfinder.

Walter D. Castle

WALTER D. CASTLE
1st Lt., Air Corps,
Staff Weather Officer.

1 Incl.
2 Route Forecast Forms.

CONFIDENTIAL



WEATHERS FIELD
 HIGH BOMB GP (1)
OPERATIONAL ROUTE FORECAST

TAKEOFF - 1325
 RETURN - 1625

CONFIDENTIAL

DATE 4 JULY 1944
 PERIOD 1300 - 1700

Hq SOS USAFP 9-43/90M/13227

	A	B	C	D
	BASE TO TARGET	TARGET	TARGET TO BASE	
WEATHER	1 CLOUDY	CLOUDY	CLOUDY	
CLOUDS	2 4-6/10 CIRRUS ABOVE 20,000 FT. NIL MED CLOUD 4-6/10 CUMULUS BASE 3,000 FT TOPS 6-7,000 FT 2-3/10 CUMULUS OVER CHANNEL	6-8/10 CUMULUS BASE 3,000 FT TOPS 8-10,000 FT	SAME 4.5 ROUTE OUT	
ICING	3 FREEZING LEVEL 7000 FT	SAME	SAME	
VISIBILITY	4 4-6 MILES AT BASE 6-9 MILES OVER CHANNEL	6-9 MILES		
HEIGHT SURFACE	250 BASE	270 TARGET	10	
6000 FT	280	300	20	
9,000 FT	250	260	20	
14,000 FT	248	260	22	
15,000 FT	230	260	27	
FT				

BASE ALTIMETER SETTING 29.75

TARGET SURFACE TEMP +13
 TEMP. AT 14,000 FT. -6

TARGET MEAN TEMP +4
 TARGET SURFACE (PRESSURE-ALT) +140

CONFIDENTIAL

AIRCRAFT REPORT

		BASE TO COAST	OVER CHANNEL OR SEA	OVER CONTINENT & TARGET	
TIME					
POSITION					
ALTITUDE					
CLOUD BELOW AIRCRAFT	AMOUNTS AND TYPE				
	HEIGHT OF BASE AND TOP				
CLOUD ABOVE AIRCRAFT	AMOUNTS AND TYPE				
	HEIGHT OF BASE AND TOP				
VISIBILITY					
TEMPERATURE					
WINDS					
REMARKS: AS WEATHER ENCOUNTERED, FRONTAL POSITIONS, ETC.					
NOTE: AT LEAST ONE COMPLETE OBSERVATION SHOULD BE ENTERED IN EACH COLUMN. THE OTHER SIDE OF THIS CARD HELPED YOU - WON'T YOU GIVE THE NEXT FELLOW A BREAK!					
		<p style="text-align: center;">CLOUD TYPES AND ABBREVIATIONS</p> <p>LOW CLOUDS = ST-STRATUS SC-STRATOCUMULUS</p> <p>MIDDLE CLOUDS = AS-ALTOSTRATUS AC-ALTOCUMULUS</p> <p>HIGH CLOUDS = CI-CIRRUS CS-CIRROSTRATUS</p> <p>CLOUDS OF VERTICAL EXTENT = CU-CUMULUS CB-CUMULONIMBUS</p>		<p style="text-align: center;">FRONTS -</p>	

C O N F I D E N T I A L

FROM COBOMGR 416

TO COCBTWIG 97 ATTN: SIG O

A - YS - 85

B - 4 JULY 1944

C - 34 A/C

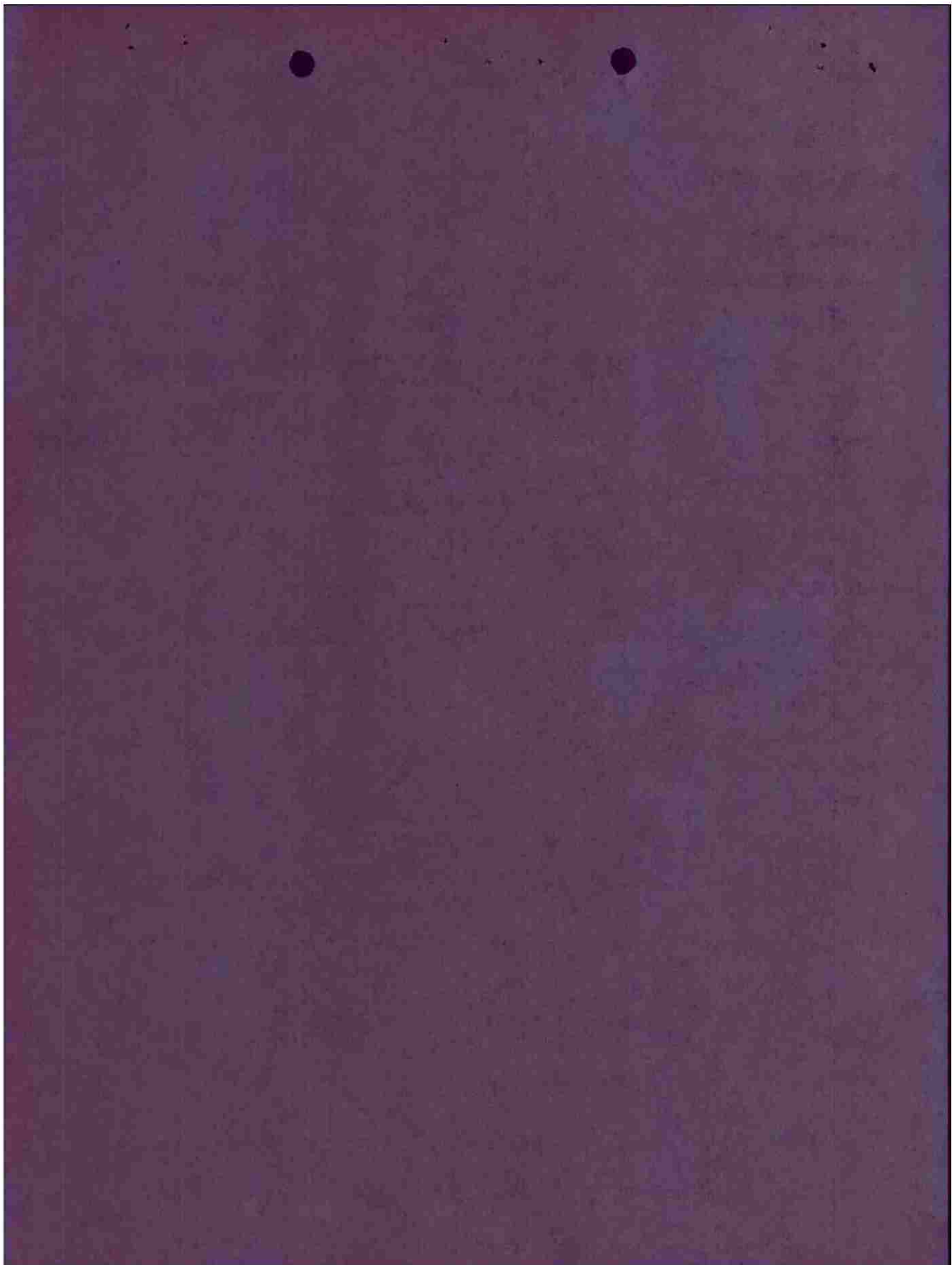
D - 668 - Z - VHF SET OUT ON GROUND, OK IN AIR, LOOSE CONNECTION IN
JACKBOX - REPAIRED, CHECKED OK.
670 - H - INTERPHONE OUT, BLOWN FUSE - FUSE REPLACED.

E - NONE

MACE COBOMGR 416

OFFICIAL:

DANIEL J. NOLAN
1ST LT., AIR CORPS,
SIGNAL OFFICER.



T.O. - 1338

PILOT		MISSION		DATE		TIME		RESULTS		REMARKS	
FROM	TO	START	END	COAST	OUT	IN	OUT	IN	OUT	IN	REMARKS
Base	Maidenhead	1324	1332	145	142	15	17	16	14	13	1424 1/2
Maidenhead	Subsbury	1338	1348	15	24	16	15	24	16	17	1435
Subsbury	Bibl. Portland	1353	1409	217	45	222	45	248	231	1478	1478 1/2
B. Portland	W.P.	1458	1510	137	75	185	75	246	246	13	1503
T.P.	T.P.	1510	1520	137	75	140	75	260	260	13	1423
T.P.	Subsury Bibl.	1521	1551	116	5	13	5	232	232	30	1552 1/2
Subsury Bibl.	Maidenhead	1551	1606	103	5	258	5	226	223	15	1606
Maidenhead	Base	1606	1622	59	3	56	3	240	240	15	1622
											1550 1/2
											115
											47
											17

CHALLENGE	REFLY
COLORS	VAL COUNTEL
BOMBER C/S	FLIGHTER C/S
BOMBER TO BOMBER FRIG.	

LANDED	REND. ALT.
REND. FALL ALT.	TARGET ALT.

TARGET	COAST OUT
COAST IN	BASE

T.S. COM 3	COAST IN
COAST OUT	BASE

1500	1500
2000	2000
10000	10000
12000	12000

FLIGHT RECORD

5.	ACTUAL TIME OF FALL	28.12
4.	CHANGE OF DROPPING ANGLE	1.83
3.	DRIFT ON IMPACT HEADING	37
2.	TRAIL	58
1.	DISC SPEED	188.3

SIGHT DATA:

7.	GROUND SPEED FOR IMPACT HEADING	260
6.	TRUE AIR SPEED	242
5.	INDICATED AIR SPEED	200
4.	TRUE ALTITUDE ABOVE TARGET	11900
3.	INDICATED BOMBING ALTITUDE	12000
2.	PRESSURE ALTITUDE OF TARGET	+ 140
1.	INTERMETER SETTING	

BOMBING DATA:

5.	TIME FROM I.P. TO TARGET	13
4.	DISTANCE FROM I.P. TO TARGET	561/2
3.	W/G. HEADING FROM I.P. TO TARGET	150°
2.	INITIAL POINT	
1.	TARGET	

TARGET DATA:

PRIMARY SECONDARY

WINDS AT ALTITUDE: 2976 MPH FROM DISPERGERS.

TEMPERATURES AT TARGET, GROUND, ALTITUDE 1000 FEET

MISSION DATA:

BOX 2 FLIGHT 1 INDICATED ALTITUDE 12000 BOMB LOAD TYPE

BOMBARDIER'S MISSION DATA

5.	ACFT I TIME OF FALL	0814
4.	LARGEST OR DROPPING ANGLE	183
3.	DIRTY ON IMPACT HEADINGS	72
2.	TRAIL	88
1.	DISC SPEED	888

GROUND DATA:

7.	GROUND SPEED FOR IMPACT HEADINGS	090
6.	TRUE AIR SPEED	112
5.	INDICATED AIR SPEED	100
4.	TRUE ALTITUDE ABOVE TARGET	1900
3.	INDICATED BAROMETRIC ALTITUDE	1500
2.	PRESSURE ALTITUDE OF TARGET	1140
1.	IMPERIAL/MEASUREMENT SYSTEM	

BOMBING DATA:

5.	TIME FROM I.P. TO TARGET	131
4.	DISTANCE FROM I.P. TO TARGET	8000
3.	WGT. HEADING FROM I.P. TO TARGET	150
2.	INITIAL POINT	
1.	TARGET	

TARGET DATA:

3.	WINDS ABOVE AT TARGET	2800 FT FROM
2.	TEMPERATURES AT TARGET	GROUND
1.	BOUNCE ALTITUDE	BOUNCE LOAD

BOMBARDIER'S MISSION DATA

