

IRIS Public Record**Key Information****Main:** GROUP/0416/BOMBARDMENT (LIGHT)**Document Type:****Call Number:** GP-416-SU-OP-S**IRIS Number:** 00091865**Accessions Notes:****Old Accession Nbr:****Title:****Beginning Date:****End Date:****Publication Date:** 1944/05/30**Classification** UNCLAS

Media Roll #: 0000001708 First Frame: 594 Last Frame: 640 Linear Feet: 0
 Old MFlm Roll # B0529 Audio Rec:

NUMPAGE 46**Title Extensions:****Abstract****Descriptive Notes:** TITLE SUPPLIED. POOR ORIGINAL, SOME UNREADABLE PAGES.

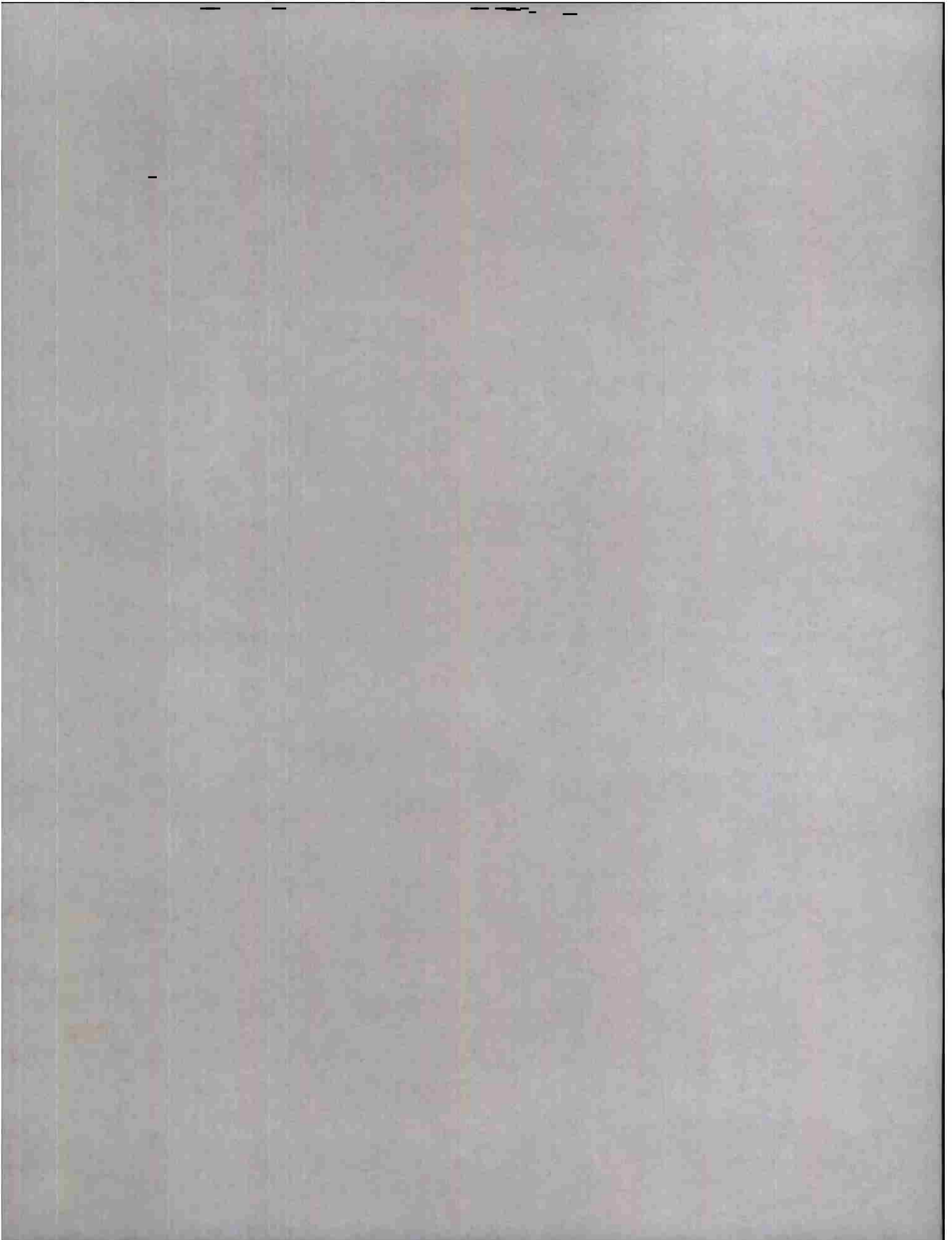
Title PHOTOGRAPHS AND MISSION REPORTS: TARGET AIRDROME DENAIN-TRUVY,
Added FRANCE
Entries

Author:**Subject:****Major Command:****Administrative Markings**

No Administrative Markings Listed

Security Review Information:

Rcvd:	Rel	1985/03/05
Indexer ID: 33	Entered Date:	
QC ID:	QC'd Date::	
Scanner ID:	Scanned Date:	
Acc ID	Acc Date:	



MICROFILMED

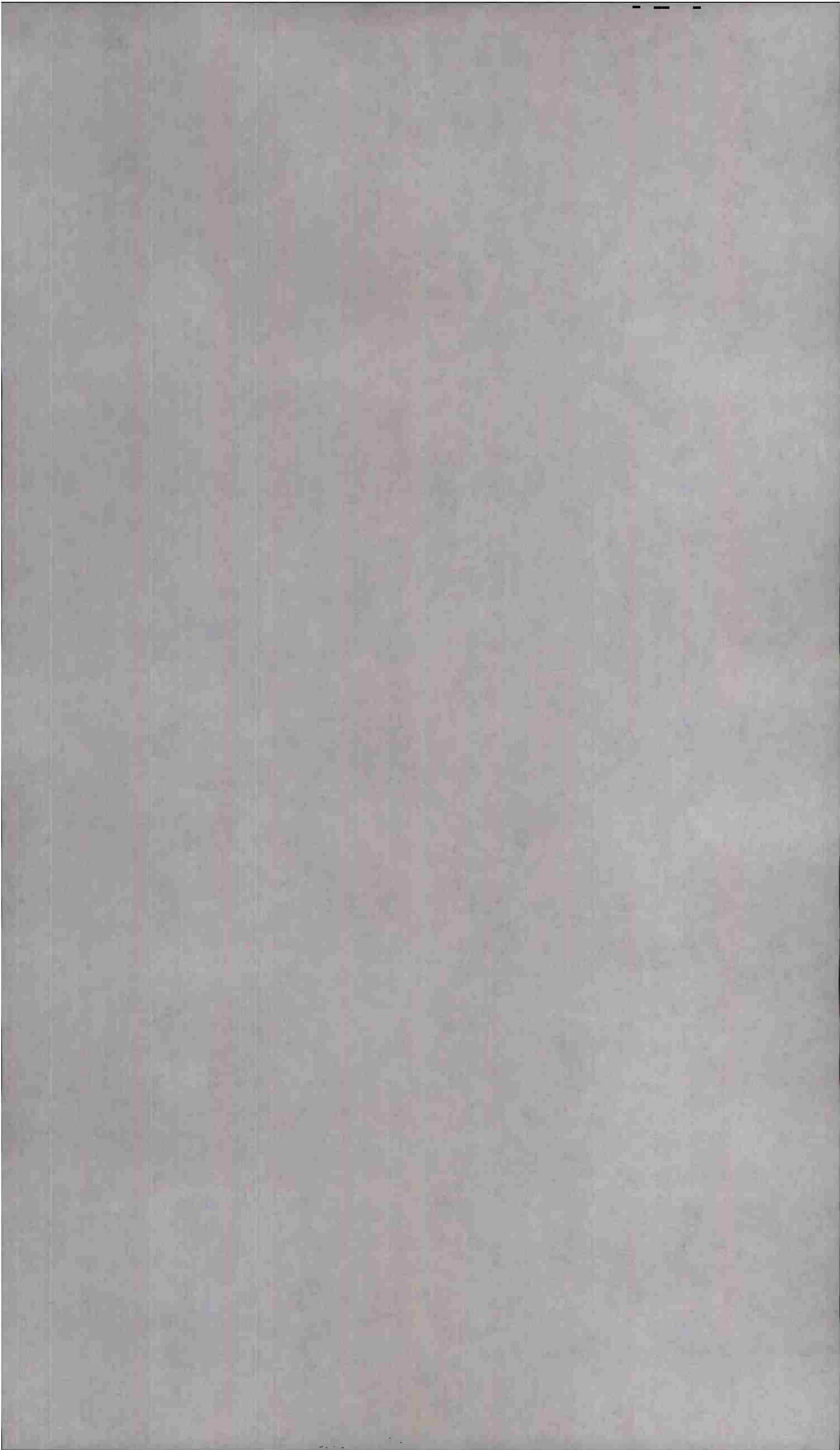
SCANNED BY ACD
2007

DECLASSIFIED
EOP DIR 5200.9, 27 Sep 58

00091865

P.R.U.

Gp-416-Su-Op-S
30 May 1944



P.R.C.

GENERAL INDEX

Z 140 S. 790/5

Target Densin-Prouvy A/D Date 30/5/44 No. A/C 38 Mission # 63 PO 338Status Attacked. Brief Officer Capt. Bailey

1. IX BC Synopsis of Mission,----- Filed.
2. OpsFlash Report,-----Filed.
3. Telephone Report,-----None Available.
4. Photos,----- *Filed.*
5. Field Orders, Annex's, Amendments,-----Filed.
6. Briefing Notes,-----None available.
7. Loading List of Airplane Crews,-----Filed.
8. Chart of Route Flown - Flak,-----Filed.
9. Operations Oprep Report,----- Filed.
10. Bombing Information,----- filed.
11. Mission Report-Aircraft,----- Filed.
12. E/A Encountered,-----None
13. Weather Reports,-----Filed.
14. Communication "YS" Report,-----Filed.
15. Navigator's Log & Flight Plan,-----Filed.
16. Battle Casualties,-----None
17. Analysis of Gunnery, None.
18. Ammunition Expenditure,-----See opar1, Par. I.
19. Recapitulation Forms,-----Filed.

MISSION SUMMARY

Target: Denain/Prouvy A/D
F/O : #338
Date : 30 May 44
Results: Box I - Excellent
Box II- Fair

DENAIN/PROUVY A/D

416 BG: 38 a/c were dispatched, all dropping 151 x 500 GP on the primary target.

No losses, casualties or battle damage. Bombing was by eighteens.

Box I - EXCELLENT. In good concentration bombs fell around a large hangar, centering approximately 200 feet West of the desired M.P.I., scoring numerous near misses to the hangar with probable damage. A small hangar, blanketed by bursts, was probably destroyed, and two small buildings and a highway received hits.

Box II- FAIR. Bombs fell 900 feet Southeast of the desired M.P.I., the concentration inflicting near misses which possibly damaged three large blast shelters.

OICOG OILAI V YAA YAA 10/30 OP

FROM 416TH BOMB GP (L) 301345B

TO HQ IX BOMBER COMMAND ATTN: A-2
97TH COMBATWING ATTN: A-2

CONFIDENTIAL BT
M729E OPSFLASH NO 58 FOR 30 MAY 1944

- A. (I) DENAIN-PROUVY A/D
(II) DENAIN- PROUVY A/D
- B. (I) 416TH BG
(II) 38 A-20'S
(III) NONE
(IV) 38 A-20'S
- C. (I) 0930
(II) 1121
(III) 1240
- D. (I) NONE
(II) 0-0-0
(III) 0-0-0
- E. 1ST BOX - GOOD
2ND BOX - GOOD
- F. (I) (A) NIL
(B) NIL
(II) (A) NIL
(B) NIL- 5 OR 6 DISC TYPE FLAK BURST AT DIXMUDE.
- G. 20 CAR TRAIN MOVING SOUTH FROM GROMMANT. TRUCK CONWAY ONE MILE
IN LENGTH MOVING WEST ON HIGHWAY FROM THOURANT TO OSTEND.
M/Y AT MORS 2/3 FULL OF CARS.
M/Y AT SOIGNES 2/3 FULL.
FOUR VEHICLES ON BEACH AT LE PANNE TWO OF WHICH XXX WHICH
APPEARED TO BE HALF TRACKS. B.B. AT 5,000 FT. ON COAST AROUND
OSTEND.
- H. (I) NO CLOUDS- VIS. 8-10 MILES
(II) SAME
- I. 151 X 500 GP ON PRIMARY
1 X 500 GP ON RETURNED
- J. BOX I 11500
BOX II 11000

BT 2 301345B

EJ AR K

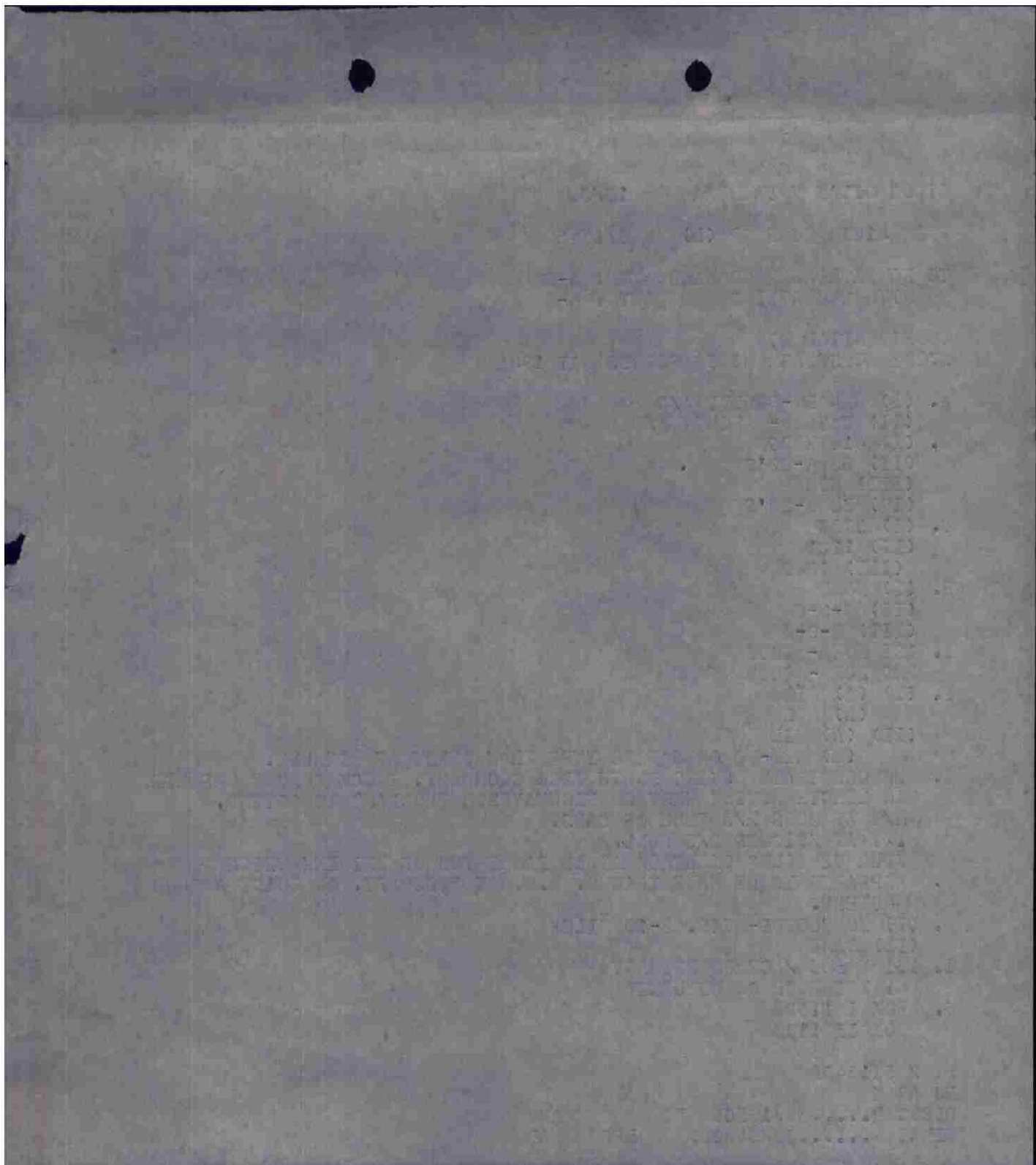
OICOG R.....30/1356B RB

OILAI R.....30/6400B

LEG

AR

AR



IX B.C.S.-2 Form No. 106-B Prepare separate sheet for each target bombed

OTHER UNITS:	TARGET	IX BC WING 97TH	
:	:	DATE 30 May 1944	416TH
:	:	ATTACKING UNIT 2 Boxes	GROUP
:	:		
:	:		
:	:	FIRST PHASE INTERPRETATION	TARGET HIT

A. TARGET BRIEFED DENAIN / PROUVY A/D PRIMARY
 SECONDARY
 CASUAL

M.P.I. Box I - large hangar northeast of runway.
Box II - Blast shelter near center of southwest dispersal area.

A.P. Same as M.P.I.

B. TARGET ATTACKED DENAIN / PROUVY A/D MILES FROM THE PRIMARY
 DIRECTION FROM PRIMARY

C. COORDINATES (If non-descript PINPOINT) ON 1:50,000 MAP NO.

D. NO. AND TYPE OF A/C DISPATCHED 38 A-20's NO. OF A/C ATTACKING 38

E. BOMBING BY 3's, 6's, 12's, 18's 18's IN FOLLOWING ORDER 1, 2.

F. NO. AND TYPE OF BOMBS DROPPED BOX I 76 x 500 GP FUSING 1/10 nose 1/100 tail
BOX II 75 x 500 GP FUSING 1/10 nose 1/100 tail

G. HEADING OF A/C WHERE BOMBS DROPPED 310 degrees

H. TIME BOMBS DROPPED 1119

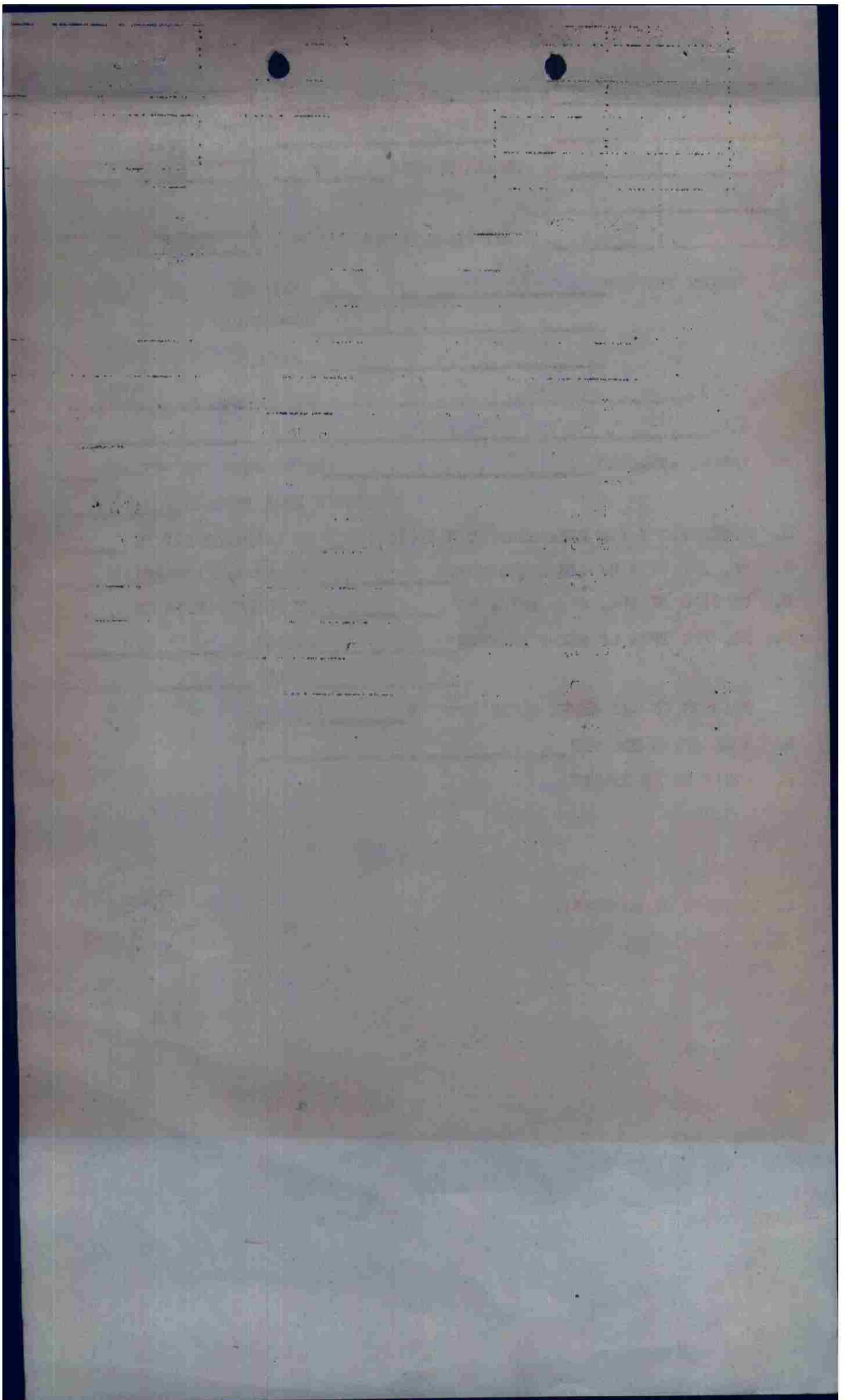
J. ACTIVITY AT TARGET

K. RESULTS OF BOMBING:

BOX I - EXCEL : Bombs fell in good concentration around desired M.P.I. with center of bursts being approximately 200 ft. west of desired M.P.I. Many near misses were scored to large hangar probably damaging it. Small hangar probably destroyed by blanket of bursts. Hits were scored on two small unidentified buildings and highway north of hangar.

BOX II - PAIR : Bombs fell in concentration 800 ft. southeast of desired M.P.I. Near misses and possible damage to three large blast shelters.

CLAYTON W. ZESIGER
 CAPTAIN AIR CORPS
 PHOTO INTELLIGENCE OFFICER



Tower on canal on edge of Town of Dimode probably
FLAK Tower - estimated 90-100 FT High

good bomb pattern on Hanger.

Mons - 2 M/Y's WITH 2000 CARS IN IT

~~ARMY~~ CAMP 15 miles ESE of Roulers

Highway on beach running from Neuport to
Turnes 30 or 40 Trucks parked.

A Train going S from Grammont 15 cars

1051 white discs about 1000' below

A CARGO BOAT IN DUNKERQUE Harbor

A M/Y AT soignes with about 200 cars

12 BARGES IN CANAL due east of Reubair

15 Barges 8 miles SW of Audenarde in canal

M/Y AT HAL 75 CARS

M/Y at Denain 50-100 cars.

BARge Traffic, SW of ST AMAND, Heavy

50 cars at M/Y's of Thielt

Pillboxes observed at coast W of LA PANNE.

51° 5' N 2035' E 2 planes circling low on the
water - seen the same yesterday at 1145

1048 1/2 EPC

1108 ATP

1117 IP

1121 T

1122 RP,

1132 A00

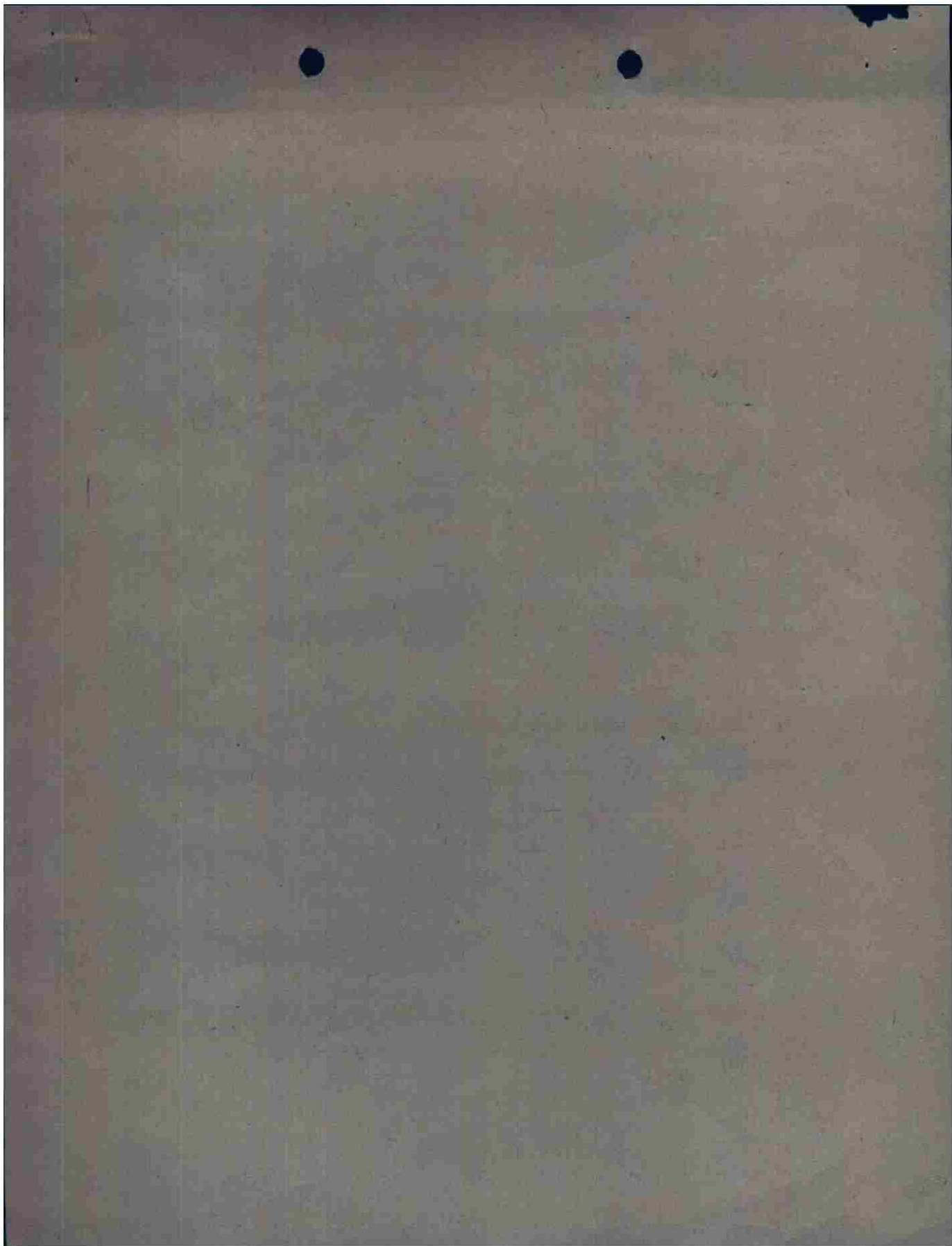
1144 L FC

FIELD ORDER BY TELEPHONE

Zero Hour 1030Aircraft required 2 x 18 Formation _____Target:
Primary: 2-140 Illustration _____ Reference _____S-790 FLAM 5 I 018 029
II 012 050

Secondary: _____ Illustration _____ Reference _____

Bomber Rendezvous: 410th SHEERNESS ZERO-8 11,000
Group Place Time AltitudeFighter Rendezvous: P-47 N. FORELAND ZERO 12,000
Type Place Time AltitudeRoute Out: BASE - SHEERNESS - N. FORELAND - FURNES -
50°42'N 04°12'E - I.P. - TARGETRoute Back: TARGET TURN RIGHT - R.P. - 50°51'N
03°36'E - FURNES - N. FORELAND - BASEIP 50°15'N 03°45'EAxis of Attack SOUTHEAST - NORTHWESTRP 50°27'N 03°23'EBombing Altitude 11,500 Altitude Enemy Coast Out 11,500Bomb Load 4X500 G.P. Nose 1/10 Tail 1/100REMARKS T.O. 10 MINUTES BEFORE 410th416th WILL LEAD



OICOG OIYAA OIGOF OIHAK V OILAI OILAI 05/29 OP

FROM 97TH COMBAT BOMBARDMENT WING 29/2340B M16

TO COMBOMCOM IX
403TH BOMB GROUP
410TH BOMB GROUP
416TH BOMB GROUPOPERATIONAL PRIORITY BT
SECRET SENT IN THE CLEAR AUTH: MAJOR CLARENCE S. TOWLES JR.97TH COMBAT BOMB. WING
APO 140
29 MAY 1944

FIELD ORDER NO. 58-336

MAPS: NORMAL

58-338

1. B. (2) NINTH FIGHTER COMMAND WILL FURNISH P-47 ESCORT FOR ALL FORMATIONS OF THIS WING.

2. THIS WING WILL ATTACK AN AIRFIELD IN FRANCE.

ZERO HOUR: 30/1030B

3. A. 410TH BOMB GROUP.

(3) WITH 416TH BOMB GROUP AT SHEERNESS AT 11,000 FEET AT ZERO HOUR MINUS 8 MINUTES.

(6) BOMB 12,000 FEET CROSS ENEMY COAST OUT 12,000 FEET.

(9) SEE S790/5 REF. 037062.

3. B. 416TH BOMB GROUP.

(3) WITH 410TH BOMB GROUP AT SHEERNESS AT 11,000 FEET AT ZERO HOUR MINUS 8 MINUTES.

(6) BOMB 11,500 FEET CROSS ENEMY COAST OUT 11,500 FEET.

(9) SEE S790/5 REF. BOX I REF. 018029

REF. BOX II REF. 012050

X. (1) - (4) NO CHANGE

(5) TARGET Z142

(6) A/C REQUIRED 2 BOX OF 18 A/C EACH GROUP.

(7) ROUTE OUT: BASE TO SHEERNESS TO NORTH FORELAND TO FURNES TO 50 DEG. 42 MIN. NORTH 04 DEG. 12 MIN. EAST TO I.P. TO TARGET.

(8) ROUTE BACK: TARGET TURN RIGHT TO R.P. TO 50 DEG. 51 MIN. NORTH 03 DEG. 36 MIN. EAST TO FURNES TO NORTH FORELAND TO BASE.

(9) I.P. 50 DEG. 13 MIN. NORTH 03 DEG. 45 MIN. EAST.

(10) AXIS OF ATTACK: GENERALLY SOUTH EAST TO NORTH WEST.

(11) R.P. 50 DEG. 27 MIN. NORTH 03 DEG. 23 MIN. EAST.

(12) BOMB LOAD: 4 X 500 LB. GP.

FUSED 1/10 NOSE, 1/100 TAIL.

(13) RENDEZVOUS: WITH P-47 FIGHTER ESCORT AT NORTH FORELAND AT 12,000 FEET AT ZERO HOUR.

(14) THE 416TH GROUP AND 410 TH GROUP WILL TAKE OFF AT LEAST 10 MINUTES APART. THE 416TH BOMB GROUP WILL LEAD. THE 416TH BOMB GROUP WILL TAKE OFF FIRST.

4. NO CHANGE.

5. COMMUNICATIONS:

B. 410TH BOMB GROUP:

(2) KITNOSE

(3) ANGELA

C. 416TH BOMB GROUP:

(2) TIDWAY

(3) ANGELA

X. GENERAL INFORMATION:

(2) WEST MALLING

D/D

BRIGHTON AREA

C/C,

C/S

PARADE

(3) NO CHANGE

(10) T B A V/T B A V

(11) BOX LEADERS WILL REPORT TO COMMAND CONTROL ON CHANNEL "C" WHEN LEAVING TARGET AREA.

COCETWIG 97

BT 29/2340B

AR

AS

OICOG R.....29/2357B

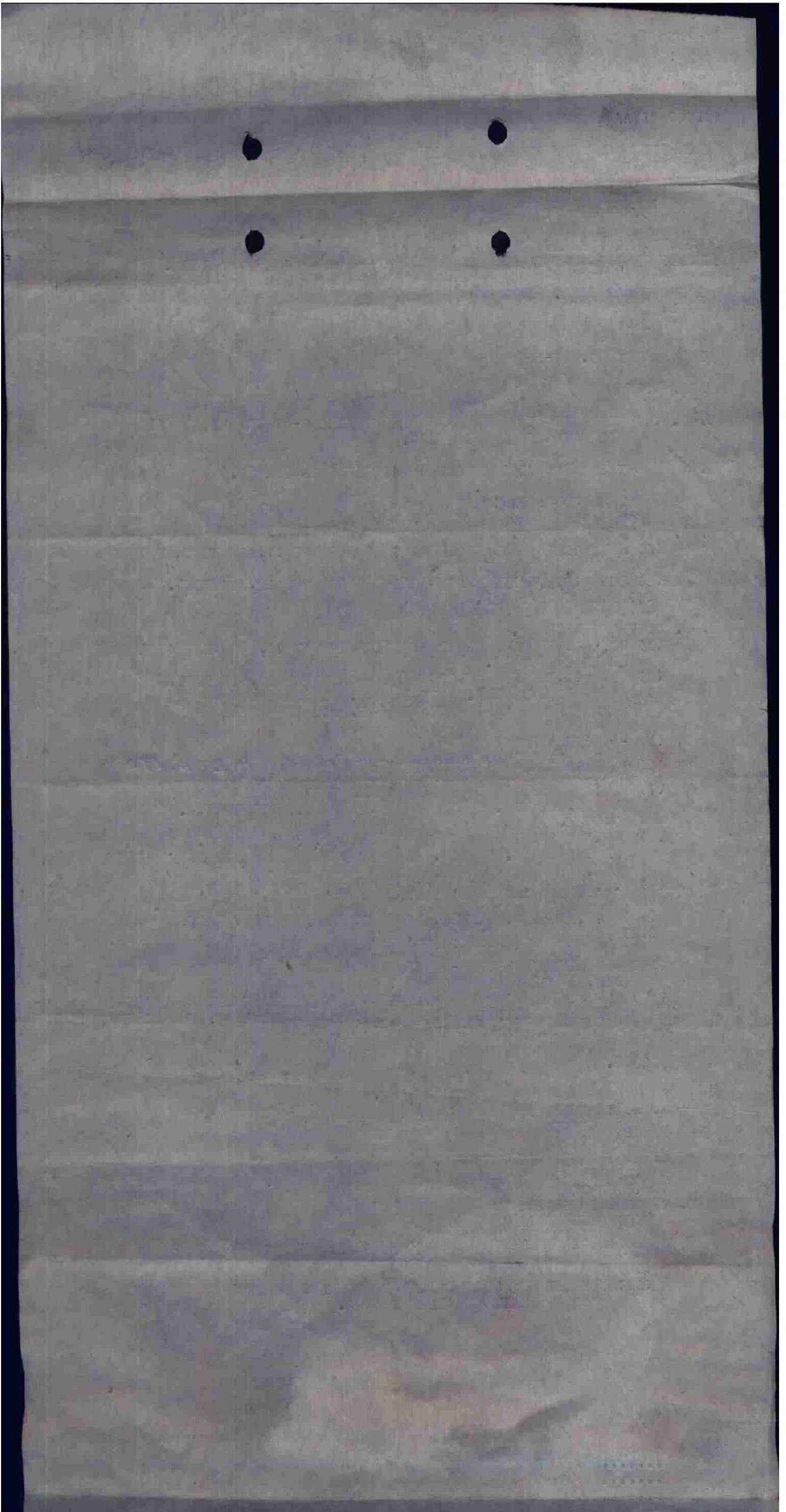
MC AR

OIGOF R.....29/2355B

NHS AR

OIYAA R.....29/2355B

EJ AR



HOLD PLS I HAVE ONEMORE

OICOG OIHAK OIGOF OIYAA V OILAI 22/30

FROM 97TH COMBAT BOMB WING 30/0006B

M-164-7

TO COMBOMCOM IX

COBOMGP 409

COBOMGP 410

COBOMGP 416

OPERATIONAL PRIORITY BT

SECRET SENT IN THE CLOR AUTH: MAJOR CLARENCE S. OWLES JR.

97TH COMBAT BOMB WING

APO 140

30 MAY 1944



INTELLIGENCE ANNEX TO F.O. 58-338

1. TARGET HAS BEEN BOMBED THREE TIMES, AS SECONDARY BY B-26'S DURING PAST WEEK, WITH FAIR TO GOOD, GOOD AND POOR RESULTS, RESPECTIVELY. CONSIDERABLE NUMBER OF CRATERS MAY BE ANTICIPATED. PHOTO RECCE WAS MADE AS RECENTLY AS 25 MAY, AND FROM THOSE PHOTOS THE REFERENCE POINTS OF THIS MISSION WERE SELECTED AS THE MOST IMPORTANT. IT IS ESPECIALLY DESIRED THAT BOMB DAMAGE TO LANDING STRIPS BE AVOIDED.
2. GROUPS HAVE LATEST INFORMATION ON THE GAT AND GROUND FORCES. FLAK EXPERIENCES OF B-26'S, MENTIONED ABOVE, WHEN ATTACKING THIS TARGET WERE NIL, REPEAT NIL. B/B WILL BE SEEN AT ROULERS.
3. REQUEST OBSERVATIONS ON FOLLOWING:
 - A. RECTANGULAR CONCRETE CONSTRUCTION FORMING CHECKERBOARD PATTERN ON BEACH NORTH WEST OF FURNES.
 - B. SECOND LINE OF DEFENSE, PARALLELING COAST LINE ABOUT 8 MILES IN-LAND.
 - C. MILITARY CAMPS WHICH HAVE BEEN REPORTED WEST, SOUTH AND SOUTH-EAST OF DIXMUDE.
 - D. V-SHAPED RUNWAY AT ROULERS.
 - E. WELL CAMOUFLAGED A/D WITH NUMEROUS GOOD ROADS, IN LARGE WOODED AREA ABOUT 50 DEG. 24 MIN. NORTH - 03 DEG. 21 MIN. EAST.

COCBTWIG 97

ET 30/0006B

RL AR K

OICOG R.....30/0012B

HAS

AR

OIHAK R.....

OIYAA R.....30/0015B

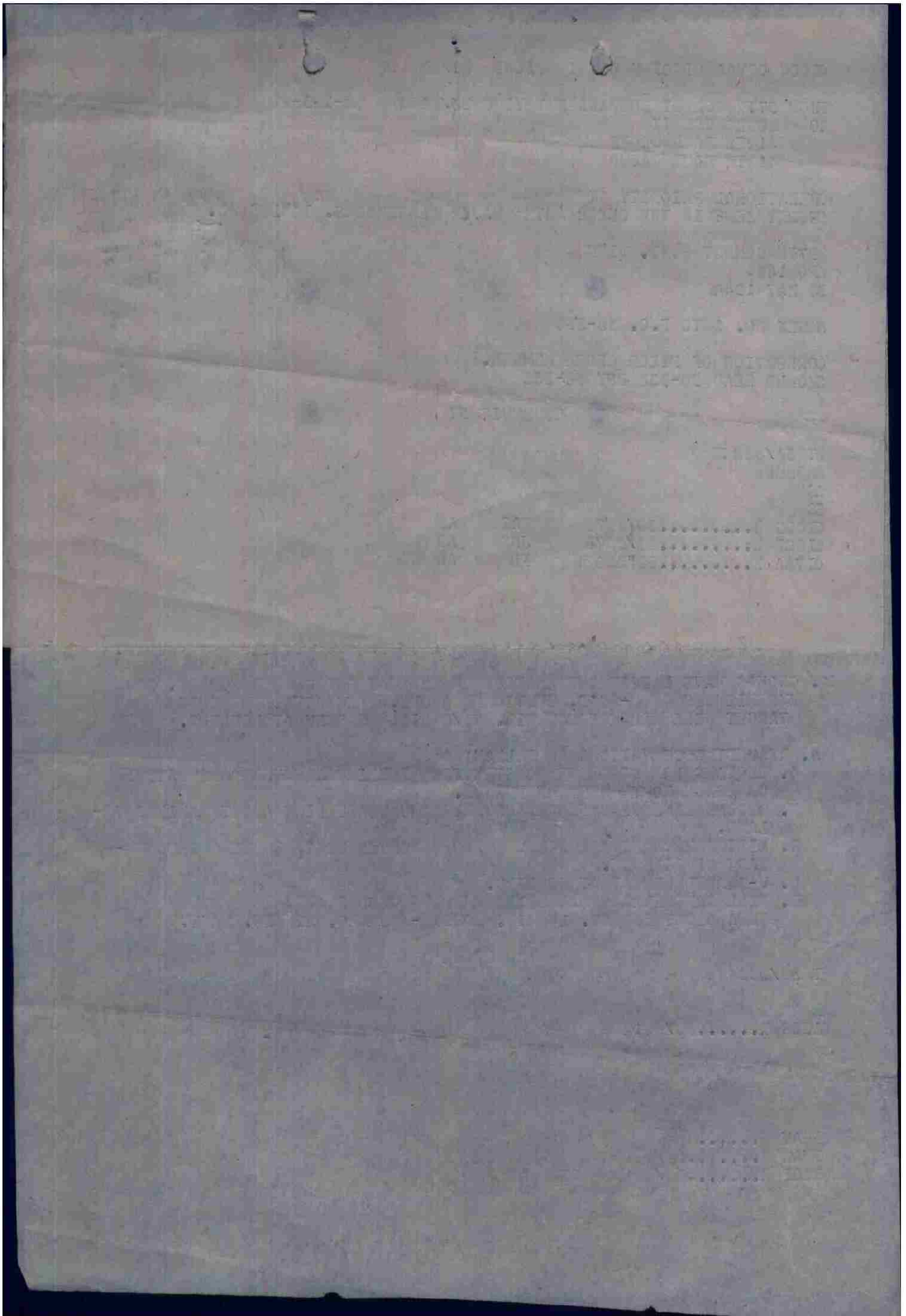
FD

AR

OIGOF R.....30/0012B

REW AR

ARV





OICOG OIYAA OIGOF OIHAK V OILAI OILAI 03/30

"OP"

FROM 97TH COMBAT BOMB WING 30/0755B M-165-E
TO COMBOMCOM IX
409TH BOMB GROUP
410TH BOMB GROUP
416TH BOMB GROUP

OPERATIONAL PRIORITY BT
SECRET SENT IN THE CLEAR AUTH: MAJOR CLARENCE S. TOWLES JR.

97TH COMBAT BOMB WING
APO - CRP
30 MAY 1944

ANNEX NO. 2 TO FIELD ORDER 58-338

3A (9) SHOULD READ ILL. S 790/5
REF. 037062

3B (9) SHOULD READ ILL. S 790/5
BOX I REF. 013029
BOX II REF. 012050

COCBTWIG 97

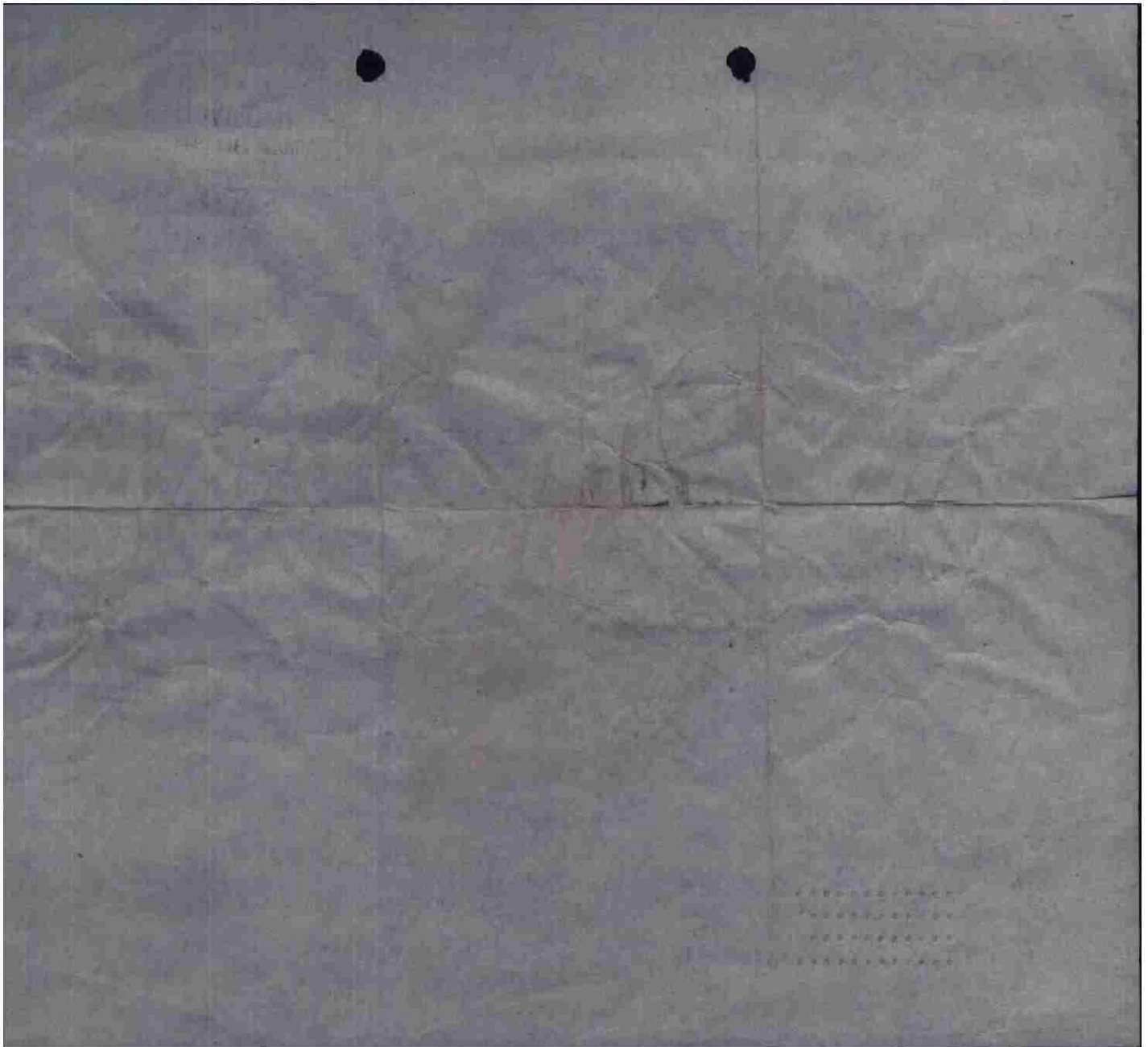
BT 30/755B

AR RRR

OICOG R.....30/0808B
OIYAA R.....(30/0808B
OIHAK R.....30/0808B
OIGOF R.....30/0808B

PJC AR
CW AR
MC AR

THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

MISSION NO. 63

LOADING LIST

30 MAY 1944

BOX I
FLIGHT I

1. A/C # 914 "X"
Major D.L. Willetts
Lt. P.G. Royalty
T/S F.H. Larronde
S/S H.A. Lempka

2. A/C # 439 "J"
Lt. H.L. Sommers
Lt. R.J. McQuade
S/S O.D. LaNave
S/S D.F. Mallory

3. A/C # 711 "M"
Lt. J.D. Adams
S/S P.L. Clearman
S/S A.J. Zeikus

4. A/C # 937 "B"
Lt. E.T. Platter
S/S K.L. Johnson
S/S J.L. Czech

5. A/C # 951 "P"
Lt. R.W. York
S/S H.J. Wilds
Sgt. L.A. Ashton

6. A/C # 221 "F"
Lt. W.A. Merchant
S/S C.J. Hary
S/S K.P. Brown

FLIGHT II

1. A/C # 701 "H"
Lt. R.F. Shaefer
S/S E.R. Judd
S/S J.A. Fejes

2. A/C # 963 "N"
Lt. L.E. Hill
S/S C.E. Yost
S/S R.W. Burch

3. A/C # 380 "S"
Lt. R.K. Cruze
S/S F.L. Adair
S/S C.F. Love

4. A/C # 226 "E"
Lt. R.C. Meredith
S/S A.A. Hill
S/S B.C. Sieg

5. A/C # 684 "K"
Lt. E.B. Kreh
Sgt. E. Shelton
S/S D.R. Schenck

6. A/C # 0194 "A"
Lt. C.C. Miah
S/S C.J. Clark
Sgt. R.F. Chustz

FLIGHT III

1. A/C # 900 "Q"
Lt. P.F.E. MacManus
S/S J.L. Rogers
S/S G.I. Fleischman

2. A/C # 189 "P-1"
Lt. N.V. Shainberg
Sgt. J.W. Sabadosh
Sgt. C.W. Floyd

3. A/C # 961 "E-1"
Lt. M.B. Street
S/S C.A. Prindle
S/S E.T. Epps

4. A/C # 745 "W"
Lt. W.A. Feck
S/S A.E. Bergeron
S/S H.E. Kelton

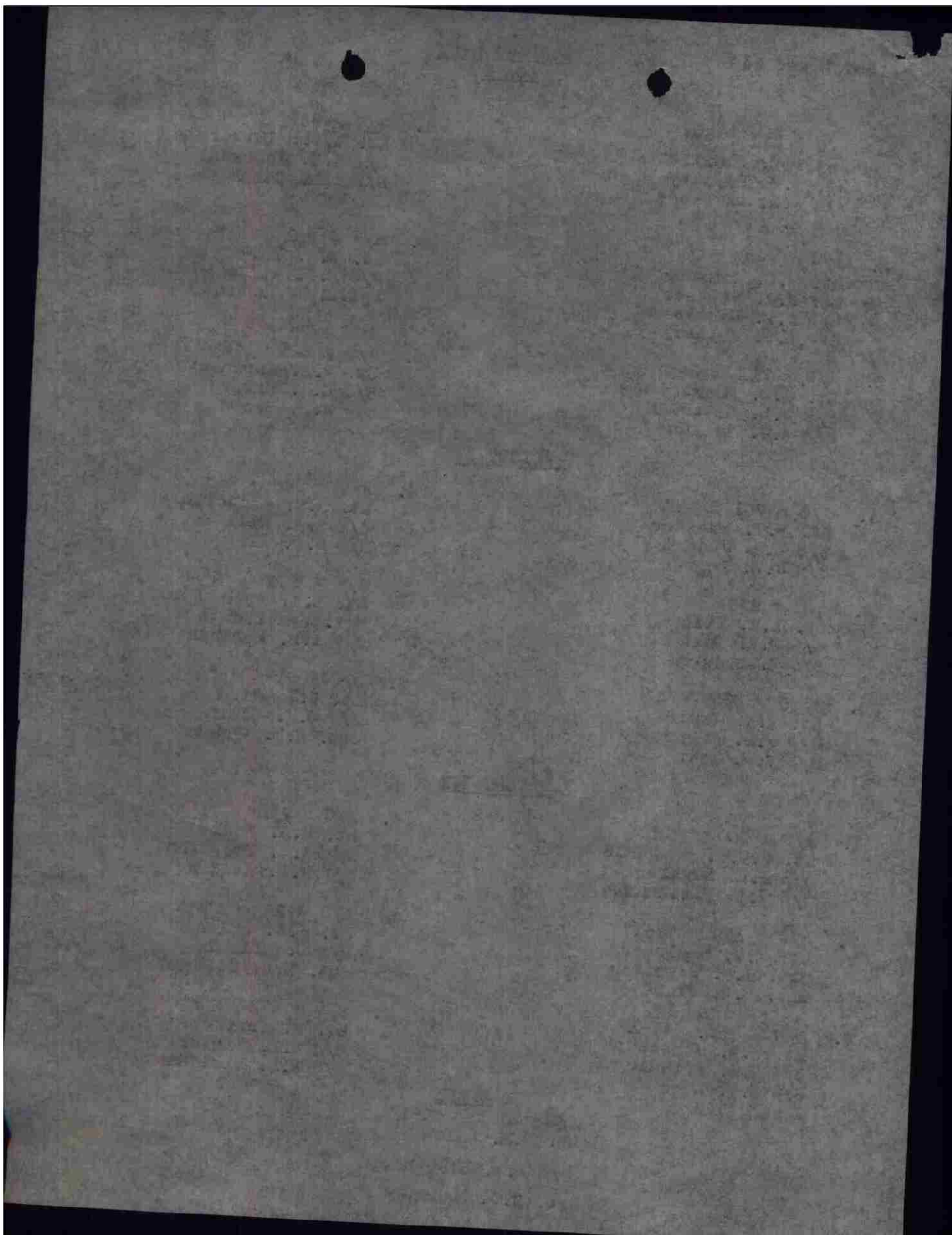
5. A/C # 202 "B-1"
Lt. J.F. Smith
S/S C. Vafiadis
Sgt. H.C. Hoffman

6. A/C # 673 "I"
Lt. P. Dantas
S/S W.E. Fields
S/S A.L. Nielsen

SPARE

A/C # 393 "K-1"
Lt. R.H. Smith

S/S A.A. Stockham
Sgt. R.J. Mahoney



MISSION NO. 83

LOADING LIST

30 MAY 1944

BOX IIFLIGHT I

1. A/C # 135 "T"
Lt. L.A. Marzolf
Lt. R.J. Barnett
S/S H.E. Wellin
S/S L.C. Kutzer
2. A/C # 125 "M"
Captain H.F. Conant
Lt. R.T. McBrien
Pvt. J.R. Herttua
Sgt. H.J. Sylva
3. A/C # 220 "E"
Lt. R.D. Perkins
S/S V.N. Cherry
S/S R.H. Linnehan

4. A/C # 214 "C"
Lt. R.E. Greenley
S/S H.C. Worden
S/S J.J. Rzepka
5. A/C # 363 "L"
Lt. F.W. Henderson
Sgt. R.M. Griswold
Sgt. P.E. Coulombe
6. A/C # 165 "H"
Lt. M. Zubon
T/S J.R.L. Tanner
S/S W.C. Russell

FLIGHT II

1. A/C # 435 "T-1"
Captain D.A. Hulse
Lt. R. Conte
S/S F.D. Allred
Sgt. D.W. Stephens
2. A/C # 157 "P"
Lt. D.F. Shea
S/S R.E. Lee
S/S F.G. Falk
3. A/C # 680 "R"
Lt. J.P. Hillerman
S/S J.D. Gossett
S/S R.L. Miller

4. A/C # 907 "Q"
Lt. W.B. Ostrander
S/S J.E. Wilson
S/S I. Binney
5. A/C # 195 "D"
Lt. C.L. McGlohn
S/S J.W. Moran
S/S P.B. Driskill
6. A/C # 176 "T-1"
Lt. J.C. Sewell
Sgt. D.D. Burns
Sgt. W.J. Daniel

FLIGHT III

1. A/C # 380 "W"
Lt. R.S. Radisill
S/S R.K. Riley
S/S A.J. Bonamo
2. A/C # 892 "L-1"
Lt. T.J. Leonard
S/S O.D. Evans
S/S T.A. Palmer
3. A/C # 973 "S"
Lt. R.J. Rooney
S/S H.N. McCleary
S/S S.F. DiNapoli

4. A/C # 224 "E-1"
Lt. H.A. Monroe
S/S "L. Kidd
S/S "Risko
5. A/C # 207 "B"
Lt. L.R. McBride
Cpl. J. McKee
S/S "Eutler
6. A/C # 211 "O-1"
Lt. R.B. Hall
Sgt. D.S. Blackford
Sgt. I. Burger

SPARE

A/C # 219 "D-1"
Lt. R.D. Andrews
S/S G.M. Cook
S/S E.R. Werley

SECH

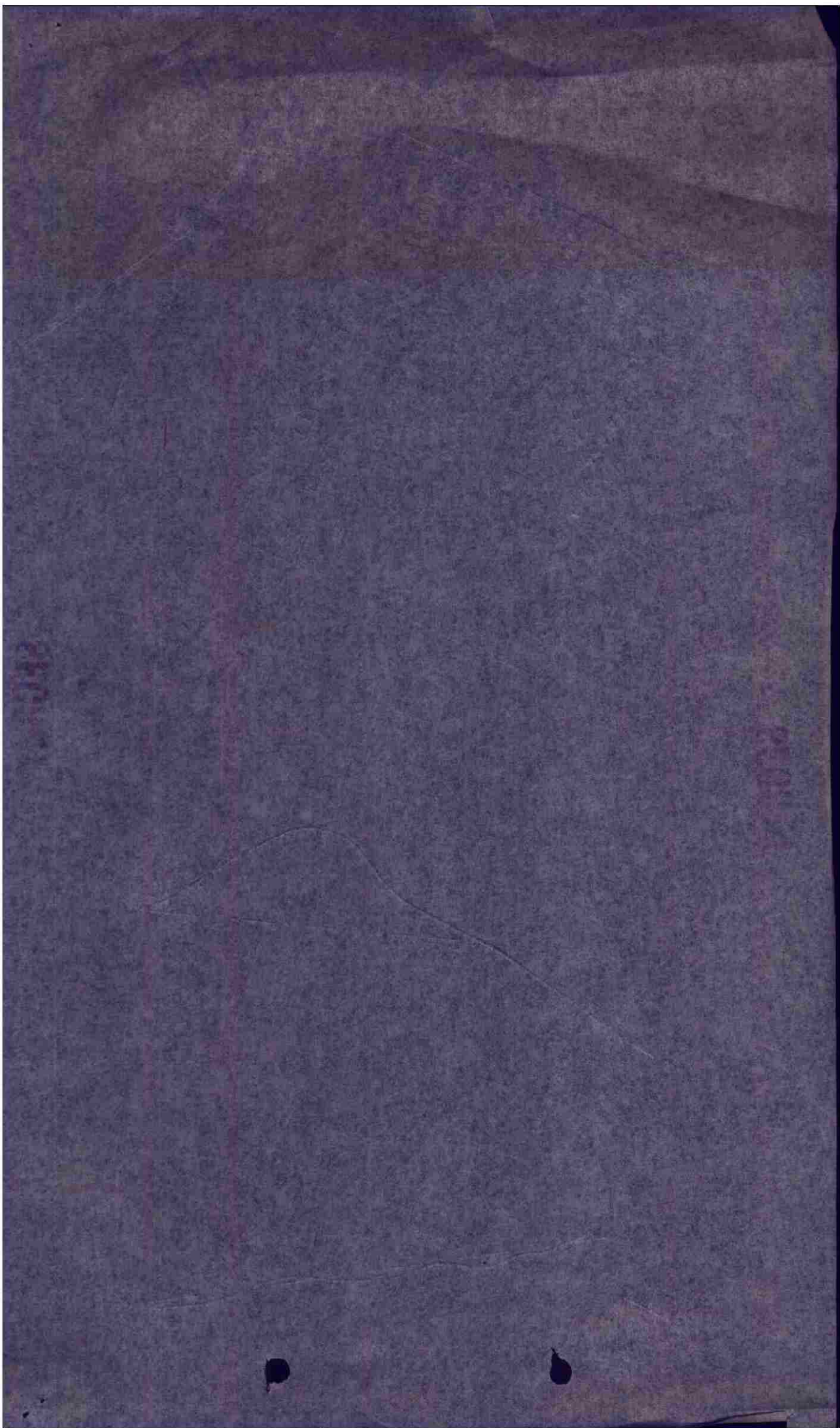
[illegible]

YARRETT

[Handwritten signature]

0986

50.10



SECRET

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

SECRET

By authority
 CO, 340.170
 30 May 1944.
 Init. _____

AFG 140, U. S. Army.
 30 May 1944.

SUBJECT: Oprep A, USAAF Form 34A.

TO : Commanding General, Ninth Air Force, AFG 696, U. S. Army. Attention
 26th Statistical Control Unit.

Oprep A Number 60 for 24 hours ending sunset 30 May 1944.

Mission Number 63.

IX Bomber Command Field Order Number 338.

A. Formation consisted of two boxes, 19 ships each box. Time of take off was 0930. Time over target was 1121. Target - Demain/Prouvy Airdrome. Box 1, at 11,500 feet, dropped a total of 76 bombs in the target area with excellent results. Box 2, at 10,500 feet, dropped a total of 75 bombs in the target area with fair results. Visibility was 8 to 10 miles in light haze. About 5 or 6 disc type flak bursts were observed at Dismude. No anti-aircraft fire experienced over target area. No enemy aircraft encountered. Planes landed at 1240.

B. (i) 33 A-20G's and 5 A-20J's
 (ii) 33 A-20G's and 5 A-20J's
 (iii) None
 (iv) None
 (v) None
 (vi) None
 (vii) None
 (viii) 33 A-20G's and 5 A-20J's

C. (i) None
 (ii) None

D. (i) A-20G's 103:25
 A-20J's 15:55
 (ii) None

E. (i) A-20G's 103,950 x 50 cal.
 A-20J's 10,500 x 50 cal.
 (ii) A-20G's 792 x 50 cal. (testing)
 A-20J's 120 x 50 ca l. (testing)
 (iii) None

F. (i) A-20G's 132 x 500 lb GP 1/10 N 1/100 T
 A-20J's 20 x 500 lb GP 1/10 N 1/100 T
 (ii) A-20G's 132 x 500 lb GP
 A-20J's 19 x 500 lb GP

SECRET

SECRET

(Cont'd.)

(iii) None

(iv) None

A-20J 1 x 500 lb GP returned to base - Cannon plug retainer not tight, causing improper contact.

G. None

H. (i) None

(ii) None

(iii) None

For the Commanding Officer:

GEORGE SCHMIDT,
Captain, Air Corps,
Adjutant.

SECRET

~~SECRET~~

BOMBING INFORMATION

ANNEX "A"

IX B.C. FIELD ORDER NO. 398BOX 2 GROUP A16 DATE 30 Dec 44 TARGET ATTACHED None 1st/2nd 1/21. Method of Sighting: Forward synchronous.2. Bombing approach: 307° W.S.3. Was mercury erection system used? YES NO X4. Did entire box drop on lead bombardier? YES X NO

In either case explain fully method of sighting and dropping of bombs, and specify exact aiming point actually used: Forward with corrections for air observation. 1st used as AP. No trail markers used.

5. Name of lead bombardier: Lt. Rognity.6. Name of lead pilot: Major Villotte.7. Intervalometer setting: None8. Indicated Air Speed: 205 Ground Speed: 256 Altitude: 11,0009. Length of bomb run: Sec: 10. Bomb Load and Fusing per A/C: X 300 lb FUSED N 1/10 T 1/10011. Total Bombs Dropped:

12. Full statement of all factors affecting bombing - including: -

(a) Did weather conditions or visibility adversely affect identification of target attacked or bombing. YES NO X. If "YES" state conditions and effect.

(b) Apart from weather or visibility, was any difficulty encountered in identifying target attacked, IP or AP? YES NO X. If answer is "YES", state circumstances and effect on bombing:

(c) Did Flak affect bombing? YES NO X. If answer is "YES", state to what extent Flak affected bombing or bomb run:

(d) To what extent did attacks by enemy aircraft affect bombing? None

(e) State any difficulties on bombing run: None

(f) Malfunctions, personnel errors or other factors affecting bombing: None

(g) Bombing results as reported by crews:

Aimed at right Target: YES X NO

Results claimed: GOOD FAIR POOR BAD MISS

~~SECRET~~

(Over)

1. 0 to 10 miles
2. 10 to 20 miles
3. 20 to 30 miles
4. 30 to 40 miles
5. 40 to 50 miles
6. 50 to 60 miles
7. 60 to 70 miles
8. 70 to 80 miles
9. 80 to 90 miles
10. 90 to 100 miles
11. 100 to 110 miles
12. 110 to 120 miles
13. 120 to 130 miles
14. 130 to 140 miles
15. 140 to 150 miles
16. 150 to 160 miles
17. 160 to 170 miles
18. 170 to 180 miles
19. 180 to 190 miles
20. 190 to 200 miles
21. 200 to 210 miles
22. 210 to 220 miles
23. 220 to 230 miles
24. 230 to 240 miles
25. 240 to 250 miles
26. 250 to 260 miles
27. 260 to 270 miles
28. 270 to 280 miles
29. 280 to 290 miles
30. 290 to 300 miles
31. 300 to 310 miles
32. 310 to 320 miles
33. 320 to 330 miles
34. 330 to 340 miles
35. 340 to 350 miles
36. 350 to 360 miles
37. 360 to 370 miles
38. 370 to 380 miles
39. 380 to 390 miles
40. 390 to 400 miles
41. 400 to 410 miles
42. 410 to 420 miles
43. 420 to 430 miles
44. 430 to 440 miles
45. 440 to 450 miles
46. 450 to 460 miles
47. 460 to 470 miles
48. 470 to 480 miles
49. 480 to 490 miles
50. 490 to 500 miles
51. 500 to 510 miles
52. 510 to 520 miles
53. 520 to 530 miles
54. 530 to 540 miles
55. 540 to 550 miles
56. 550 to 560 miles
57. 560 to 570 miles
58. 570 to 580 miles
59. 580 to 590 miles
60. 590 to 600 miles
61. 600 to 610 miles
62. 610 to 620 miles
63. 620 to 630 miles
64. 630 to 640 miles
65. 640 to 650 miles
66. 650 to 660 miles
67. 660 to 670 miles
68. 670 to 680 miles
69. 680 to 690 miles
70. 690 to 700 miles
71. 700 to 710 miles
72. 710 to 720 miles
73. 720 to 730 miles
74. 730 to 740 miles
75. 740 to 750 miles
76. 750 to 760 miles
77. 760 to 770 miles
78. 770 to 780 miles
79. 780 to 790 miles
80. 790 to 800 miles
81. 800 to 810 miles
82. 810 to 820 miles
83. 820 to 830 miles
84. 830 to 840 miles
85. 840 to 850 miles
86. 850 to 860 miles
87. 860 to 870 miles
88. 870 to 880 miles
89. 880 to 890 miles
90. 890 to 900 miles
91. 900 to 910 miles
92. 910 to 920 miles
93. 920 to 930 miles
94. 930 to 940 miles
95. 940 to 950 miles
96. 950 to 960 miles
97. 960 to 970 miles
98. 970 to 980 miles
99. 980 to 990 miles
100. 990 to 1000 miles

~~SECRET~~

BOMBING INFORMATION

ANNEX "A"

IX B.C. FIELD ORDER NO. 338BOX 21 GROUP 416 DATE 30 May 44 TARGET ATTACHED Demolition/Target A/C.1. Method of Sighting: Forward observation.2. Bombing approach: 310°3. Was mercury erection system used? YES NO4. Did entire box drop on lead bombardier? YES NO

In either case explain fully method of sighting and dropping of bombs, and specify exact aiming point actually used:

5. Name of lead bombardier: Lt. Bennett6. Name of lead pilot: Lt. Marshall7. Intervalometer setting: None8. Indicated Air Speed: 25 Ground Speed: 25 Altitude: 10,0009. Length of bomb run: 25 Sec: 50010. Bomb Load and Fusing per A/C: X 1b FUSED N 1/10 1/1011. Total Bombs Dropped: 15

12. Full statement of all factors affecting bombing - including: -

(a) Did weather conditions or visibility adversely affect identification of target attacked or bombing. YES NO. If "YES" state conditions and effect.

(b) Apart from weather or visibility, was any difficulty encountered in identifying target attacked, IP or AP? YES NO. If answer is "YES", state circumstances and effect on bombing.

(c) Did Flak affect bombing? YES NO. If answer is "YES", state to what extent Flak affected bombing or bomb run:

(d) To what extent did attacks by enemy aircraft affect bombing?

(e) State any difficulties on bombing run:

(f) Malfunctions, personnel errors or other factors affecting bombing:

(g) Bombing results as reported by crews:

Aimed at right Target: YES NO

Results claimed: GOOD FAIR POOR BAD MISS

(over)

~~SECRET~~

1. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

2. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

3. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

4. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

5. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

6. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

7. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

8. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

9. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

10. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

11. To the extent that the information is not already in the public domain, the information is being released to the public in order to promote the public interest.

Intel

HEADQUARTERS
416TH BOMB GROUP (L)
OFFICE OF THE WEATHER OFFICER

APO 140
30 May 1944

SUBJECT: Interrogation Report

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

BASE AT TAKEOFF: Visibility 3,500 yards. No clouds.

ROUTE OUT: Visibility 4 to 5 miles over England improving
to 8 to 10 miles over continent. Scattered
patches of cirrus estimated 20,000 feet.

TARGET: No low clouds. Visibility 8 to 10 miles in
light haze.

ROUTE BACK: Same as route out.

BASE ON RETURN: Visibility 5 miles. No clouds.

WINDS: As forecast.

TIME OVER TARGET: 1120

Weather did not effect bombing.

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

- 1 Incl.
2 Route Forecast Forms.

SECRET

HEADQUARTERS
41ST BOMBARDMENT GROUP (L)
Office of the Commanding Officer

SECRET
BY AUTH CO, STA 170
30 May 1944
INITIAL:
R-R-2

APG 140, U.S. Army,
30 May 1944.

SUBJECT: Mission Report--Aircraft.

TO : Commanding General, IX Bomber Command, APG 140, U.S. Army.
(Attn: Maintenance Branch)

PART I.

- (1) 30 May 1944--0930--Dennin
- (2) 36 (38 alerted)
- (3) 38

PART II.

None

PART III. (1)

None

PART III. (2)

<u>AIR SERIAL NO</u>	<u>DESCRIPTION</u>	<u>CAUSE</u>	<u>SORTIE</u>
43-9455	One bomb failed to release	Cannon plug retainer nut loose	Yes

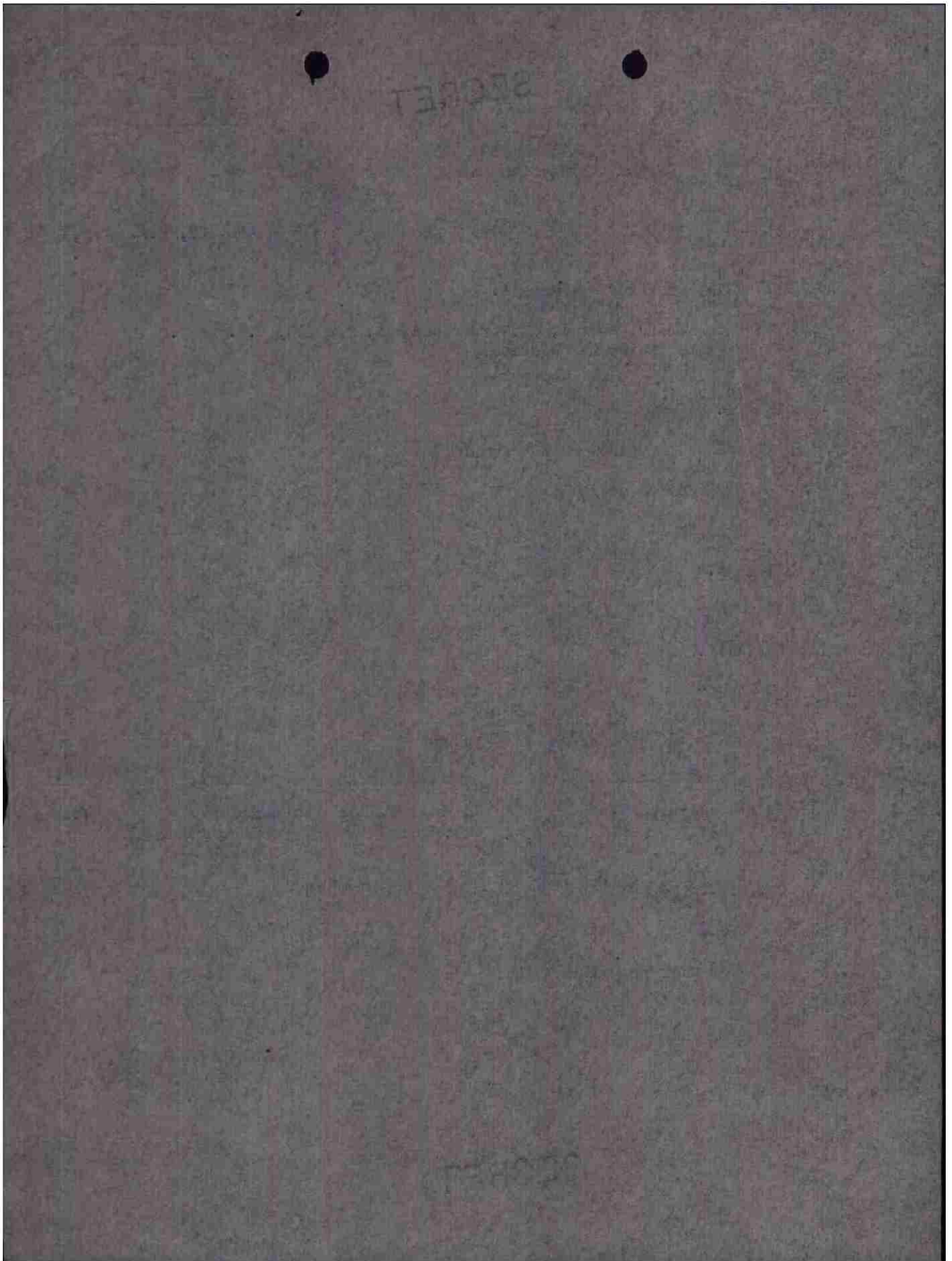
PART III. (3)

None

For the Commanding Officer:

GEORGE SCHENKIN,
Captain, Air Corps,
Adjutant.

SECRET



WETHERSFIELD		416TH BOMB GROUP (A)		JLH		TAKEOFF-0930		RETURN -1215		DATE 30 MAY 1944		PERIOD 0900-1300		HQ SOS USAPP 9-43/90M/1522	
OPERATIONAL ROUTE FORECAST															
		A BASE TO TARGET		B TARGET		C TARGET TO BASE		D							
WEATHER		1		SCATTERED CLOUDS + HAZE		SCATTERED CLOUDS + HAZE		SCATTERED CLOUDS + HAZE							
CLOUDS		2		2/10 TO 4/10 HIGH CIRROS ABOVE 20,000 FT NIL MEDIUM CLOUD AND NIL LOW CLOUD		2/10 TO 4/10 HIGH CIRROS ABOVE 20,000 FT NIL MED CLOUD AND NIL LOW CLOUD		SAME AS ROUTE OUT EXCEPT NIL TO 2/10 SMALL CUMULUS OVER ENGLAND BASE 4,000 FT TOPS 6,000 FT TO 7,000 FT							
ICING		3		FREEZING LEVEL: 11,000 FT ICING: NIL		SAME		SAME							
VISIBILITY		4		15/10 MILES DECREASING TO 1 TO 2 MILES IN LONDON AREA INCREASING TO 4 TO 6 MILES OVER S. ENGLAND & CHANNEL STR MILES OVER CONTINENT		5 TO 8 MILES		6 MILES							
HEIGHT				DIRECTION VELOCITY		DIRECTION VELOCITY		DIRECTION VELOCITY		DIRECTION VELOCITY		DIRECTION VELOCITY		DIRECTION VELOCITY	
SURFACE				030 5											
5,000 FT				150 10											
10,000 FT				170 12											
12,000 FT				170 15											
15,000 FT				170 17											
FT															
FT															
BASE ALTIMETER SETTING		30.18		TARGET SURFACE TEMP +24°C		TARGET MEAN TEMP +12°C		TARGET SURFACE (PRESSURE-ALT) -12							
				TEMP. AT 2,000 FT. -2°C											

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!		CLOUD TYPES AND ABBREVIATIONS LOW CLOUDS = ST-STRATUS SC-STRATOCUMULUS MIDDLE CLOUDS = AS-ALTOSTRATUS AC-ALTOCUMULUS HIGH CLOUDS = CI-CIRRUS CS-CIRROSTRATUS CLOUDS OF VERTICAL EXTENT = CU-CUMULUS CB-CUMULONIMBUS		
FRONTS - COLD FRONT WARM FRONT				

5-2
CONFIDENTIAL

TO COMBAT WING 97 ATT: COM O
FROM COBOMGR 416

A - YS - 59

B - 30 MAY 1944

C - 38 A/C

D - 670 - T- TURRET INTERPHONE OUT, CORD IN HEADSET BROKEN, REPAIRED.
671 - K- CHANNEL "A" WEAK, RETUNED.

E - 1 A/C TOOK BEARING FROM LOCAL BUNCHER BEACON.

F - BOX LEADERS REPORTED TO PARADE AFTER LEAVING TARGET AREA.

MACE COBOMGR 416

OFFICIAL:

JACK.B. COONEY
CAPT., AIR CORPS,
COMMUNICATIONS OFFICER.

at a/c	0855	0855
Start	0912	0918
Taxi	0922	0928
Take Off	0930	0936
On Course	0950	0950
Revdz. B.	1022	
Revdz. F.	1030	
Coast Out	1030	
Coast In	1044 $\frac{1}{2}$	
I.P.	1112 $\frac{1}{2}$	
Tgt.	1116	
Coast Out	1135	
Coast In	1148	
Base	1202	

On	309	TIME OVER E/T
Off	345	50 MIN.
To Ariz	300	
To Base	325	

731 - DEAN PRODUY
5030N 0308E1

0855

FLIGHT PLAN

2100

PILOT
NAVIGATOR
PLANE
MISSION
DATE

STRT ENG
TAKE OFF
CN COURSE
RENDZVOUS

COAST IN
BASE
REND. ALT.
LAND FALT. ALT.

ALTITUDE
HEADING
AIR SPEED
TIME

RESULTS
EVA
REMARKS

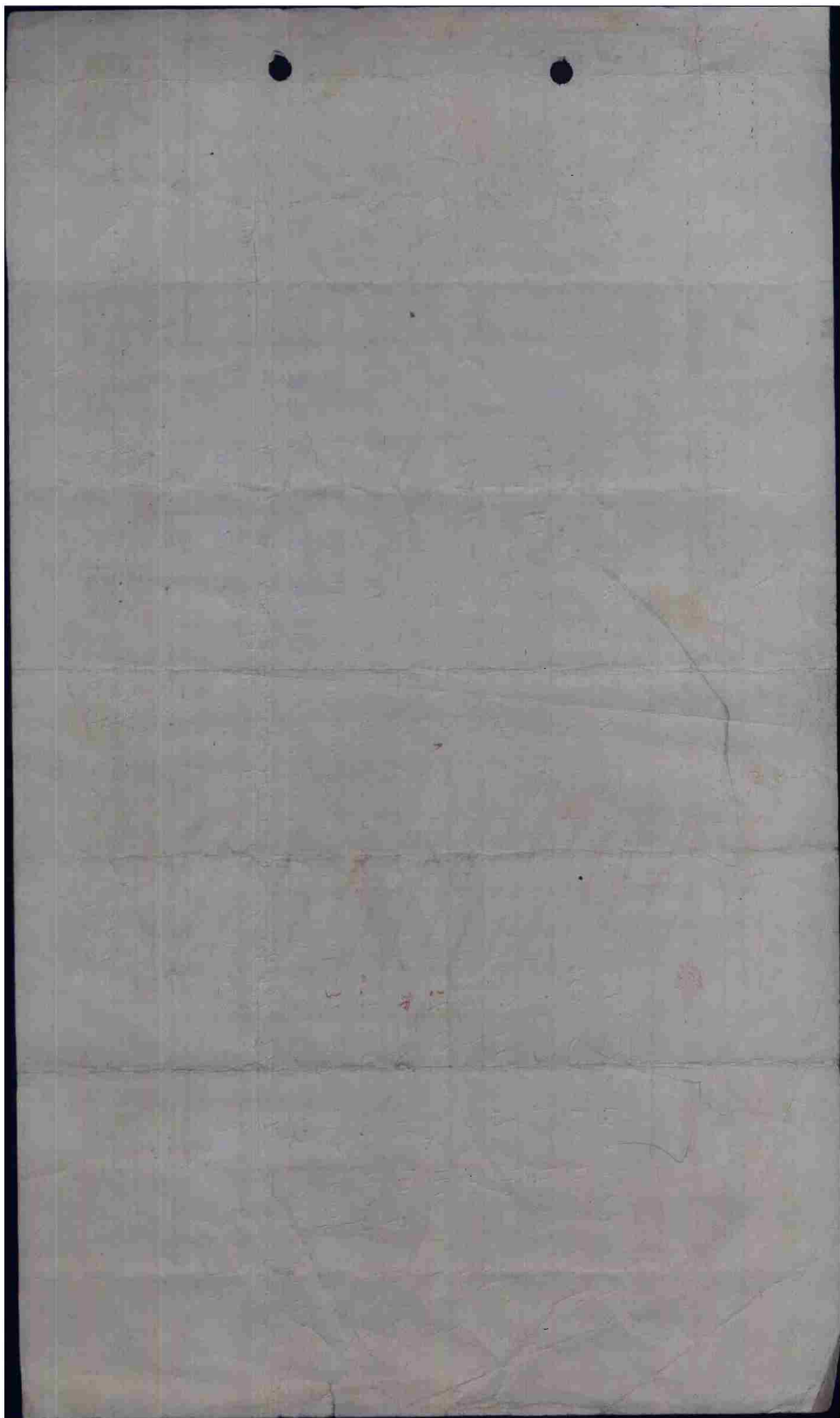
FROM	POSITION	TO	M. H.	ETA	ATA	TC	DR	TH	VAR	MH	ALT	TEMP	L.A.S.	GS	DIST.	TIME	EVA	REMARKS
BASE	LETHBRIDGE	LETHBRIDGE	956	0956	969	-2	067	10W	977	5000	+19	125	913	918	3.2	9		
	MANISTON	MANISTON	1014	1014	1017	+1	048	10W	158	10000	+2	195	230	919	5.9	16		
	HELDNESS	HELDNESS	1021	1022	042	+3	045	10W	055	10000	+2	195	230	919	1.6	14		
	W. FINELAND	W. FINELAND	1029	1029	079	+3	102	10W	112	11500	-1	205	917	910	3.0	7		
	FURNES	FURNES	1099	1098	110	+3	115	10W	125	11500	-1	205	917	839	5.7	14		
	5040 N 0308 E	5040 N 0308 E	1106	1108	111	+3	114	9W	123	11500	-1	205	917	839	7.1	18		
	5030 N 0308 E	5030 N 0308 E	1118	1117	911	-2	309	8W	217	11500	-1	205	917	836	3.9	10		
	1027 N 0308 E	1027 N 0308 E	1120	1121	303	-2	301	8W	309	11500	-1	205	917	857	1.5	3		
	5051 N 0308 E	5051 N 0308 E	1122	1122	338	-1	337	8W	245	11500	-1	205	917	862	9	2		
	FURNES	FURNES	1129	1132	018	+2	000	9W	039	11500	-1	205	917	860	8.9	7		
	W. FINELAND	W. FINELAND	1142	1144	070	-3	087	9W	096	11500	-1	205	917	854	4.3	10		
	BASE	BASE	1157	1157	092	-3	070	10W	300	10000	+4	180	255	862	5.7	13		
			1210	1210	316	-1	315	10W	325	5000	+19	220	911	851	5.7	13		
															51.5			

2000 FT. 0308
4000
6000
8000
10000
12000
14000
16000
18000
20000

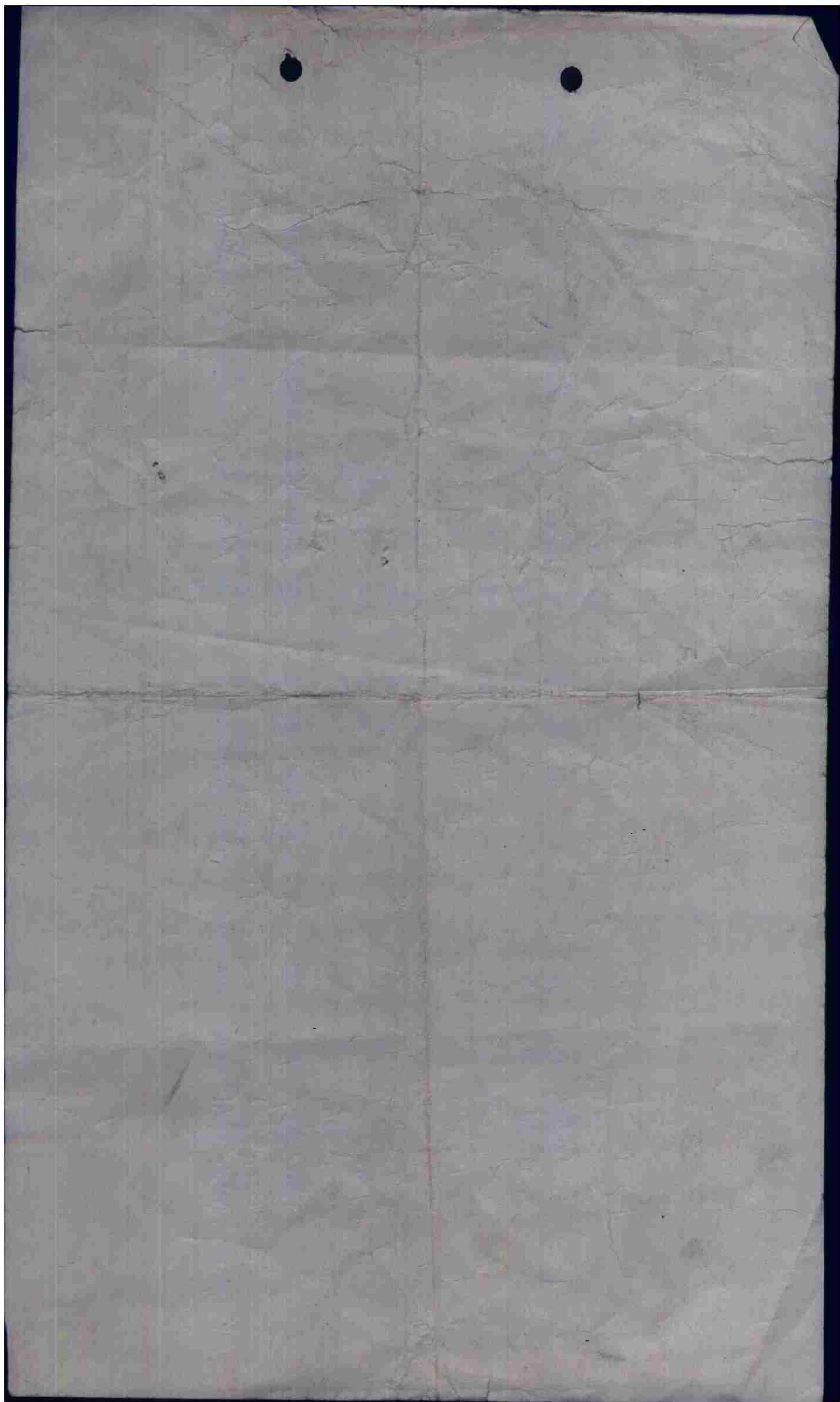
RENDZVOUS
COAST OUT
COAST IN
I.P.
TARGET
COAST OUT
COAST IN
B.S.E.
L.A.S.
REND. ALT.
LAND FALT. ALT.
TARGET ALT.

CHALLENGE
REPLY
COLORS
VHF CHANNEL
BOMBER C/S
FIGHTER C/S
BOMBER TO BOMBER PROC.

DIVISION
AIRPORTS



CHALLENGE
KELLY
COLOPS
VHF CHANNEL
BOMBERS C/S
FIGHTER C/S
BOMBERS TO BOMBERS TALK



TAKE OFF: 195
ON COURSE: 1035

FLIGHT PLAN

FLIGHT	SAMUEL	STRT END	9940	COAST CUT	1140	COAST IN	1232	ALTITUDE	
NAVIGATOR	MICHAEL	END OUT	1002	COAST IN	1145	BASE	1251	HEADING	
PLANE	185	PLANE OFF	1030	I.P.	1150	REND. ALT.		AIR SPEED	
MISSION	CONQUEST	ON COURSE	1034	TARGET	1155	LAND FALL ALT.		TIME	
DATE	5-29-44	RENDREVCUS	1100	COAST OUT	1235	TARGET ALT.		RESULTS	

FROM	TO	M. H.	ETA	ATM	TC	DR	TH	VAR	MR	ALT	L.I.S.	CS	DIST.	TIME	ETA	REMARKS
BASE	MALDSTONE	189 -1	1050	1049	179	0	179	10	189	5	193	208	48	14 1/2		SET COAST DUKE G. Samuel FIGHT. ESCORT 10:55
MALDSTONE	N. FORELAND	94 -2	1100	1100	010	+4	84	10	94	11	192	236	41	10 1/2		
N. FORELAND	FORENESS	125 -4	1114	1116	112	+4	116	9	125	20	241	238	57	14 1/2		
FORENESS	AUDENHARDE	123 -6	1126	1126	110	+4	144	✓	123			232	44	11 1/2		THRO'S FIVE M.T. KOLICAR
AUDENHARDE	1ST TURN P.	190 -1	1134	1140	182	-1	181	✓	190			228	49	13		
1ST T. P.	I. P.	242 +3	1150	1151	235	-2	233	✓	242			240	41	14 1/2		
I. P.	TARGET	006 -1	1156	1156	357	0	357	✓	006			260	21	5		
TARGET	R. P.	100 -4	1158	1200	88	+3	91	✓	100			247	15	3 1/2		
R. P.	1ST T. P.	96 -2	1205	1205	84	+3	87	✓	96			248	20	5		
1ST T. P.	AUDENHARDE	012 -1	1216	1216	002	+1	003	✓	012			268	49	11		
AUDENHARDE	FORENESS	295 +5	1226	1227	290	-4	286	9	295	12		261	44	10		
FORENESS	N. FORELAND	299 +5	1240	1242	292	-3	289	10	299			256	57	13		
N. FORELAND	BASE	325 -5	1256	1256	316	-1	315	10	325			250	58	14		

CHALLENGE

RELIX

COASTS

VIT CHINEL

FOURER C/S

FIGHTER C/S

EXETER TO EXETER TREC.

DIVERSION

AIRBORNS

COAST CUT

1140

COAST IN

1145

COAST OUT

1230

COAST IN

1232

BASE

1251

REND. ALT.

LAND FALL ALT.

TARGET ALT.

PA 4112

FLIGHT RECORD

DIST. TIME: 10:00
 2:00
 61
 BASE CHELMSFORD: 17 - 5
 THAMES: 16 - 4³/₄ $\Delta = .89$
 MIDSTONE: 16 - 4³/₄



Truway 2 M. Mike

CS 256 DL 83
DRIFT 28

Disc 103.1
TRAIL 28

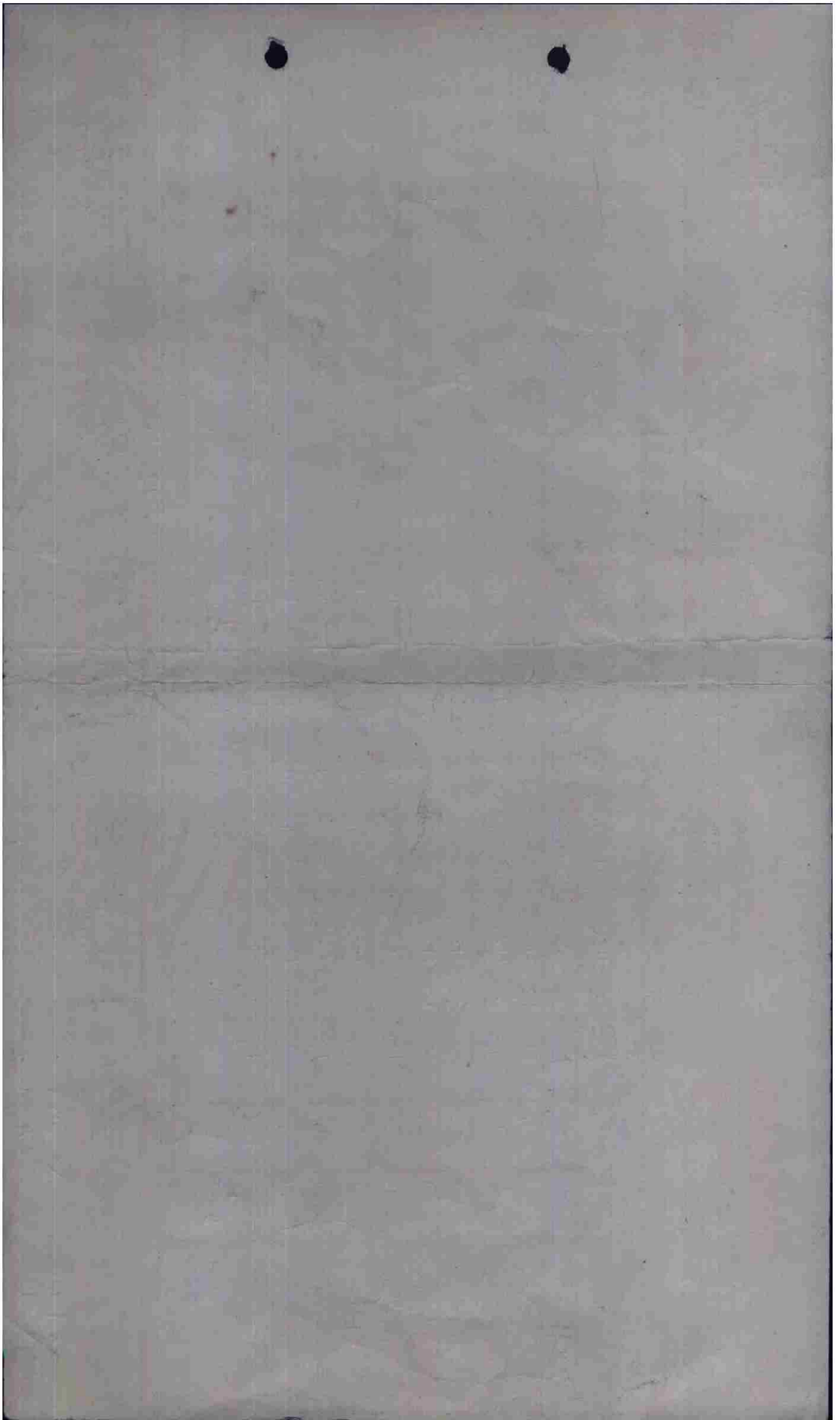
PILOT	COMMANDER H.F.	START ENG	0912	COAST OUT	1030 (1035)	COAST IN	1148	ALTITUDE	
NAVIGATOR	HEBERLE RT.	EXIT OUT	0912	COAST IN	1044	RECEIVED	1022	HEADING	
PLANE		TYPE OFF	0930	I.T.	1122	RECEIVED		AIR SPEED	
MISSION		ON COURSE	0950	TARGET	1116	LAND FALT. ALT.		TIME	
DATE		RENDEZVOUS	8.12.22	COAST OUT	1135	TARGET ALT.		RESULTS	

FROM	POSITION	TO	M. H.	ETA	ATA	TC	DR	TH	VAR	MT	ALT	FEET	1.4.5.5.3.3	GS	TO DIST.	TIME	ETA	REMARKS	
Base	Katchwernth	2771				269	-2	267	10	2771	5000	+12	195	213	218	32	9	0959	150/10 0957
	MAIDSTONE Shoebess	158 055				247 242	+1 +3	245 045	10 10	158 055	1000	+2	195	230	218 256	59/16	16 4	1040 1022	170/12 1013 1024
	No. Foreland	112				099	+3	102	10	112	1000	-1	205	247	292	30	7 1/2	1030	170/15 1029
	Fu Road	125				112	+3	115	10	125	1100	-1	205	247	239	57	14 1/2	1044	170/15 1048
	50° 42' N 04° 12' E	123				111	+3	114	9	123	1100	-1	205	247	239	7 1/4	18	1102	170/15 1007
	Initial Point	211				211	-2	209	8	211	1100	-1	205	247	236	39	10	1124	170/12 1116
	TARGET	309				303	-2	301	8	309	1100	-1	205	247	257	15	3 1/2	1116	170/15 1120 1/4
	Palley Point	345				338	-1	337	8	345	1100	-1	205	247	262	9	2	1118	170/15 1121
	50° 57' N 03° 36' E	029				018	+7	020	9	029	1100	-1	205	247	260	39	7	1125	170/15 1129
	Fu Road	296				290	-3	287	9	296	1100	-1	205	247	254	43	10	1135	170/15 1144
	No. Foreland	300				292	-2	290	10	300	900	+4	230	255	262	57	13	1148	170/12 1156
	Base	325				316	-1	315	10	325	800	+12	220	241	251	57	13 1/2	1202	150/10 1210
CHALLENGE																			
DIVISION																			
AHEADMENTS																			

2000 FT.	RENDEZVOUS	TARGET	LANDED	CHALLENGE	DIVERSION
4000	CC/ST OUT	CC/ST IN	RECEIVED	APPLY	AIRPORTS
6000	CC/ST IN	CC/ST IN	RECEIVED	COLORS	
8000	I.T.	I.T.	RECEIVED	VHF CHANNEL	
10000				POWER C/S	
10000 SURFACE				FIGHTER C/S	
				BOAT TO BOAT FREQ.	

MT. +12
PA. -12

FLIGHT RECORD



CHALLENGE
REPLY
COLORS R6
VHF CHANNEL
BOMBER C/S 710WAV
FIGHTER C/S 400000
BOMBER TO BOMBER FREQ

Slak 1107 1/2 +
m/y 78 Soignes filled up

Box #	Cps Fl	Date	V/C	Target	Alt.	Box Load.	T/C	15 min.															
I	58	30 May	58-338	DENAIN-PROUVY A/D		Maj. Willetts	TOT																
							L/D																
A/C		Fail to Bomb		ATT		Bomb Disp		A/C Dam		E/Air		Pers											
Pos	No.	Reason	P	S	D	P	S	J	T	R	M	D	A	C	H	E	B	P	P	D	K	W	M
1	914	✓	✓			✓																	
2	434	✓	✓			✓																	
3	711	✓	✓			✓																	
4	237	✓	✓			✓																	
5	951	✓	✓			✓																	
6	221	✓	✓			✓																	
7	161	✓	✓			✓																	
8	923	✓	✓			✓																	
9	340	✓	✓			✓																	
4	246	✓	✓			✓																	
5	654	✓	✓			✓																	
6	5144	✓	✓			✓																	
11	906	✓	✓			✓																	
2	189	✓	✓			✓																	
3	841	✓	✓			✓																	
4	743	✓	✓			✓																	
5	202	✓	✓			✓																	
6	673	✓	✓			✓																	
7	343	✓	✓			✓																	
</																							

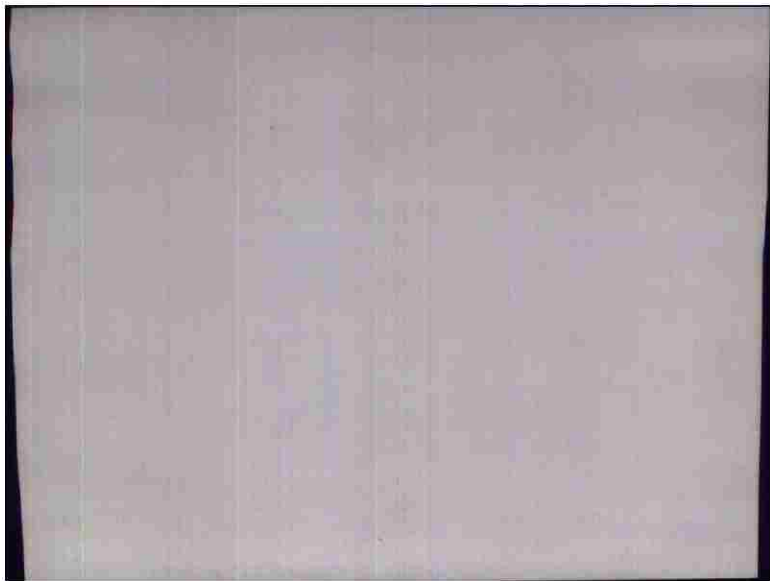
[illegible]

THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



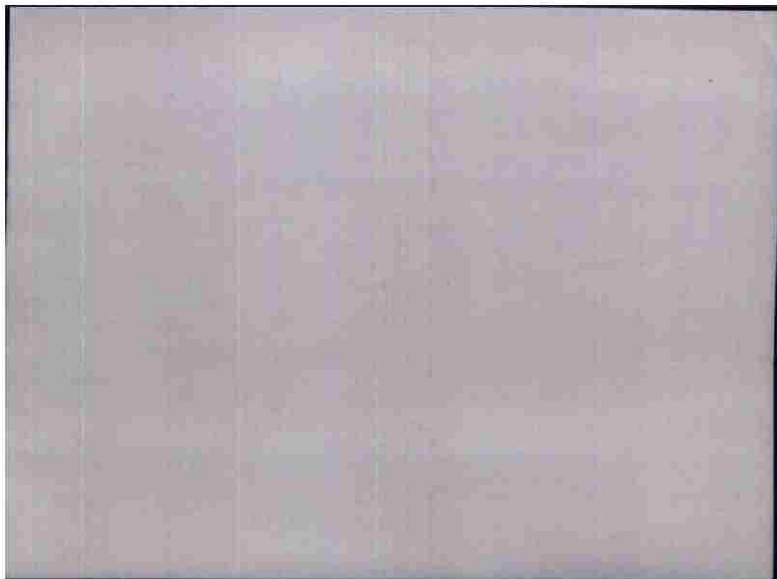
THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



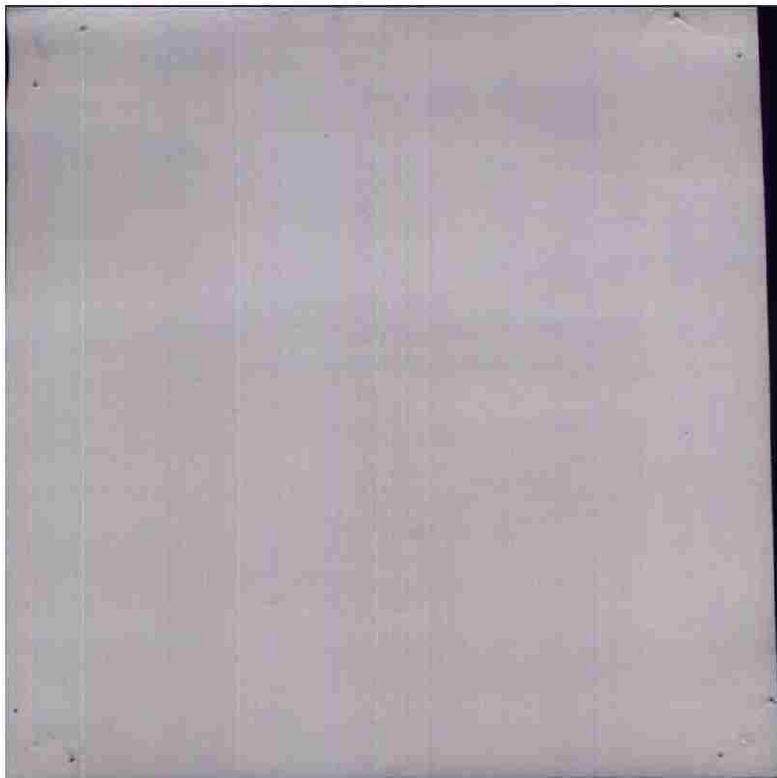
THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



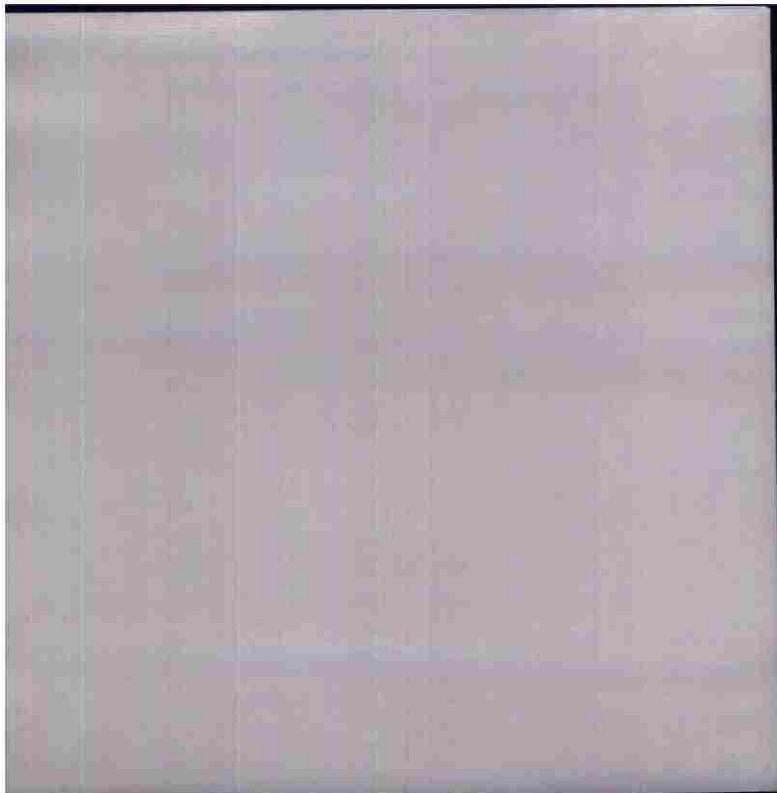
THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



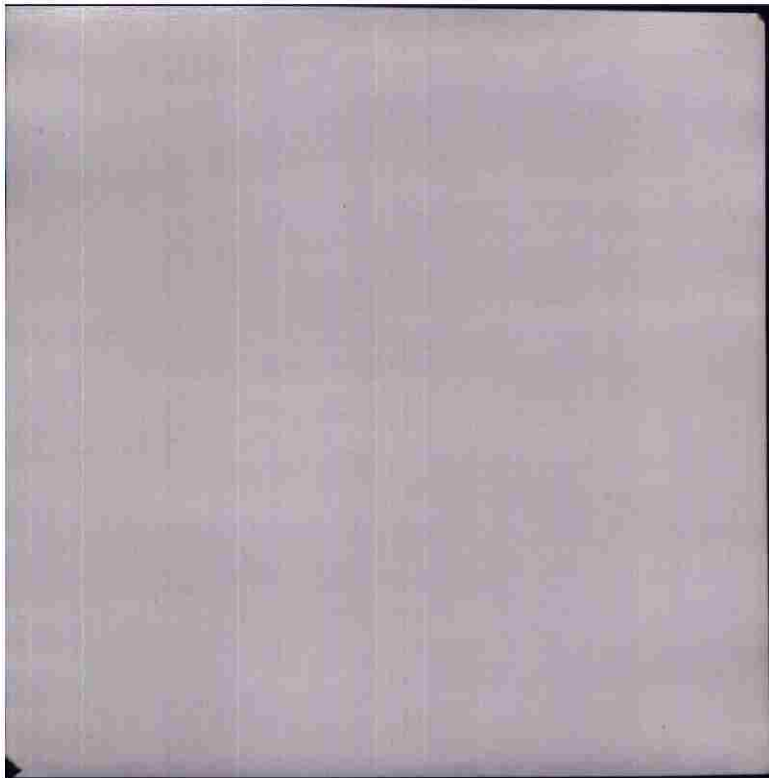
THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



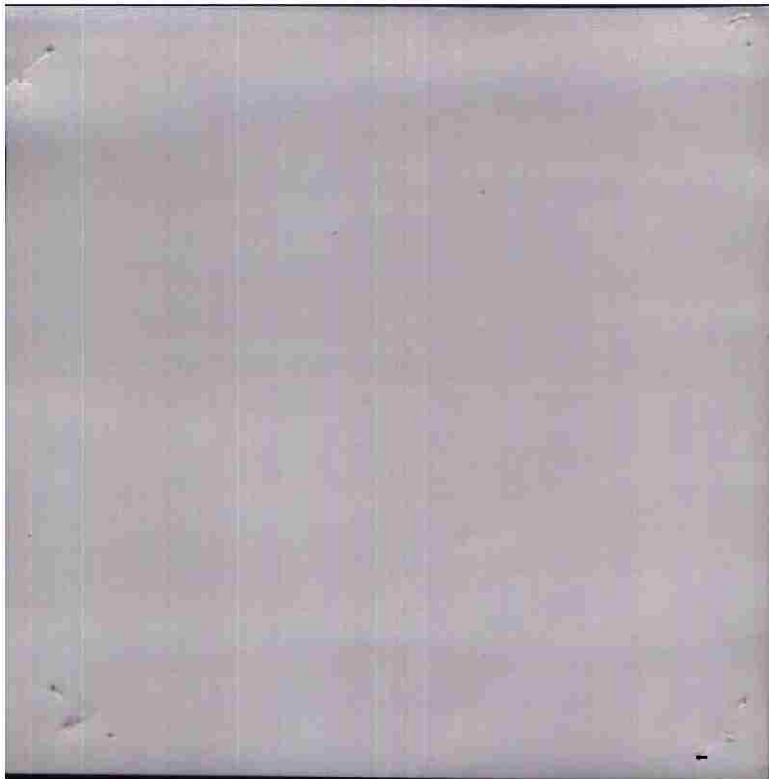
THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



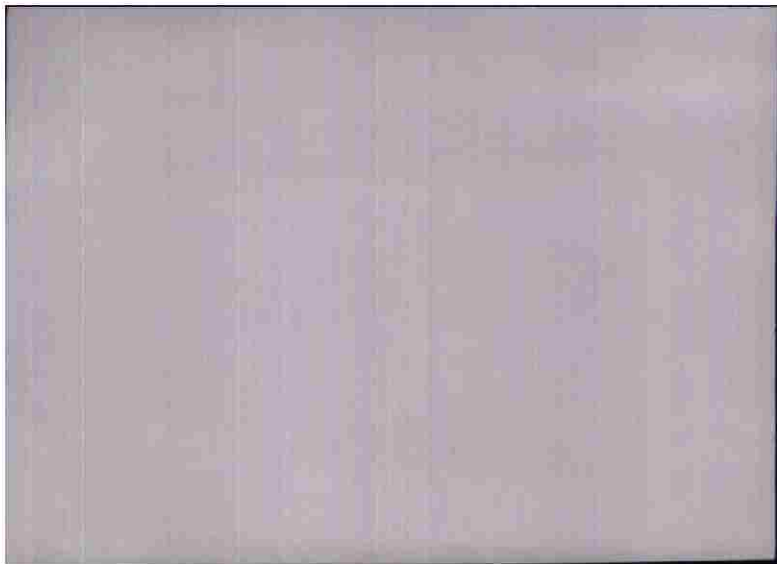
THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958



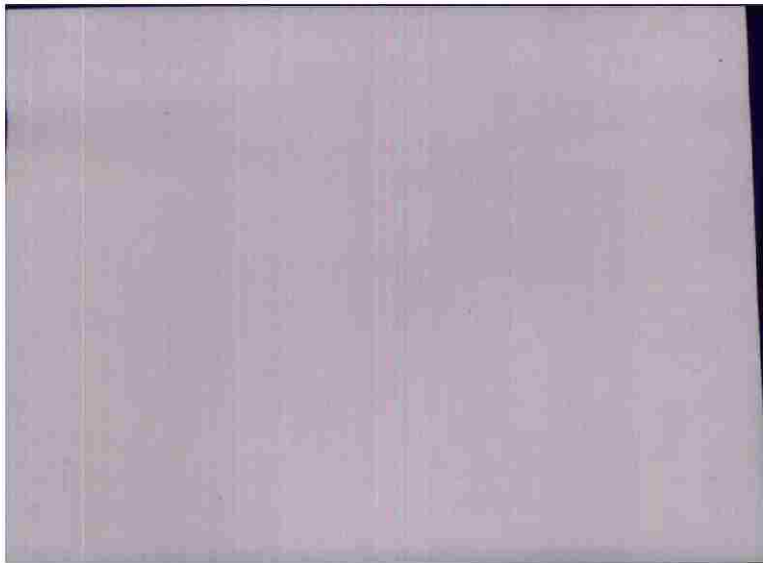
THIS PAGE DECLASSIFIED IAW EO12958

THIS PAGE DECLASSIFIED IAW EO12958

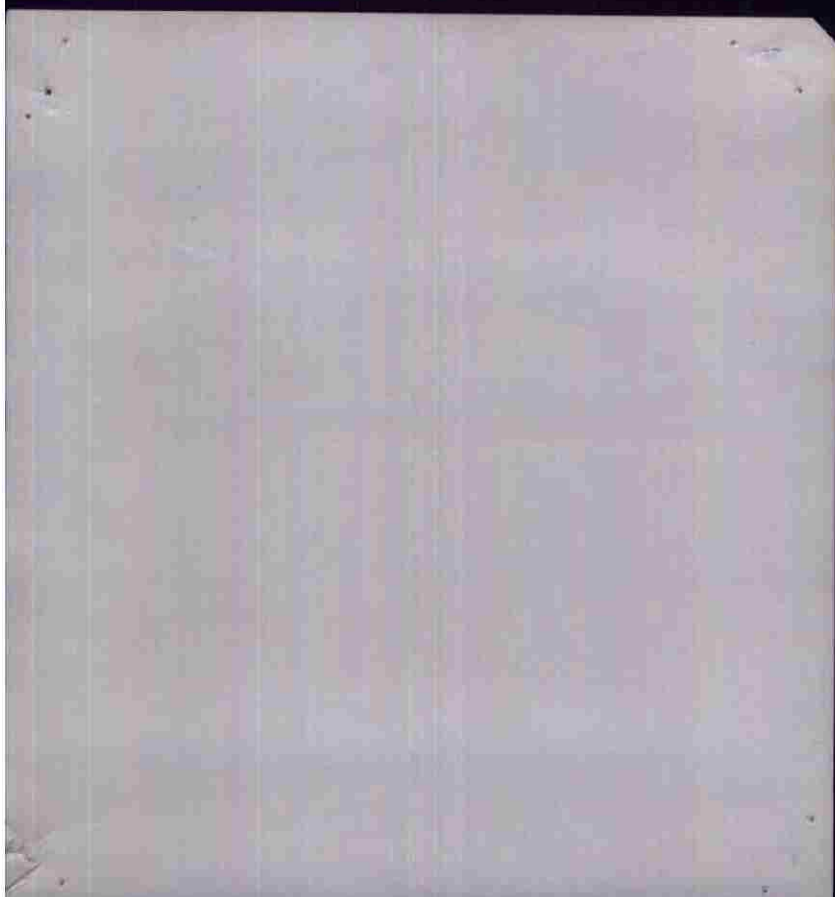
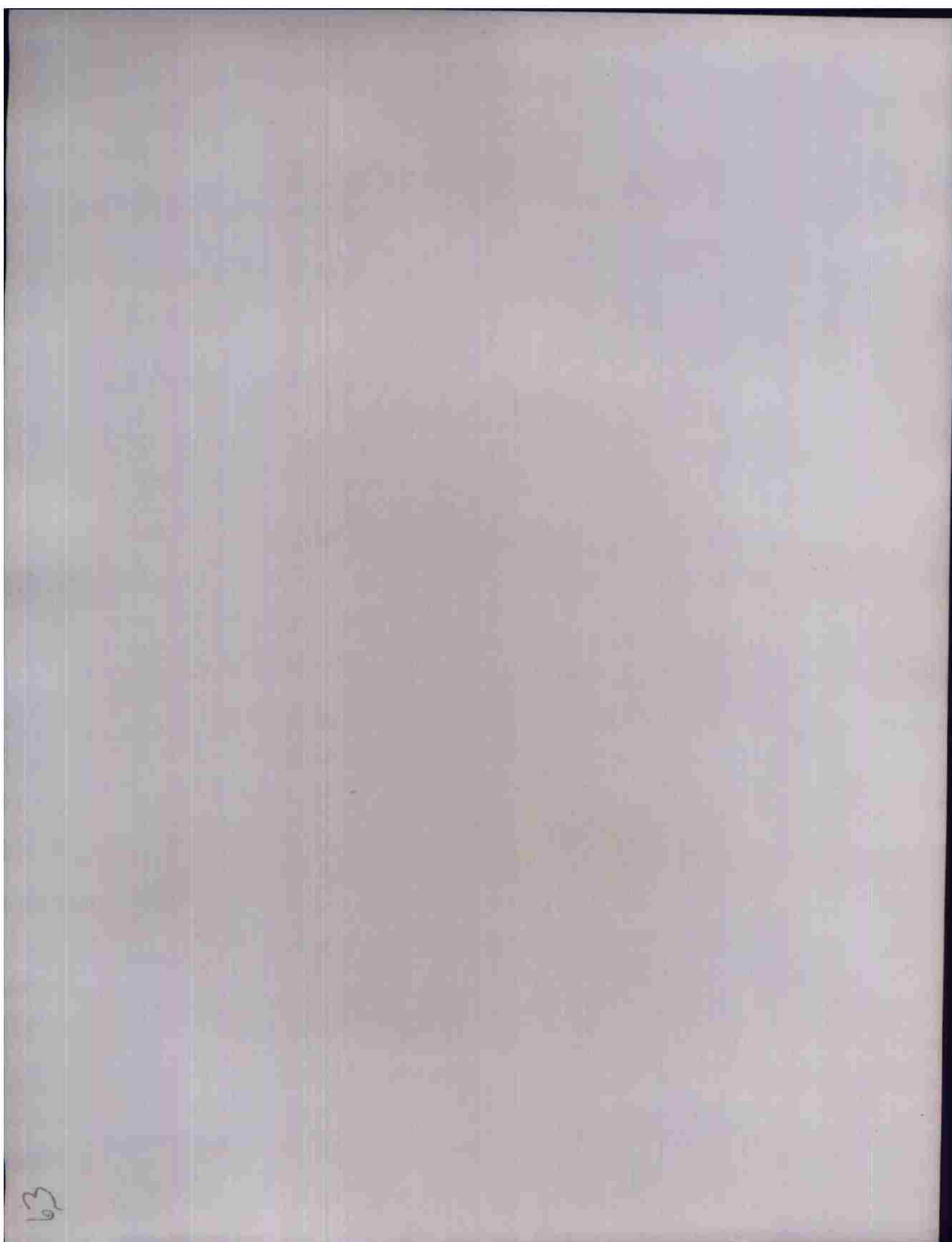


THIS PAGE DECLASSIFIED IAW EO12958

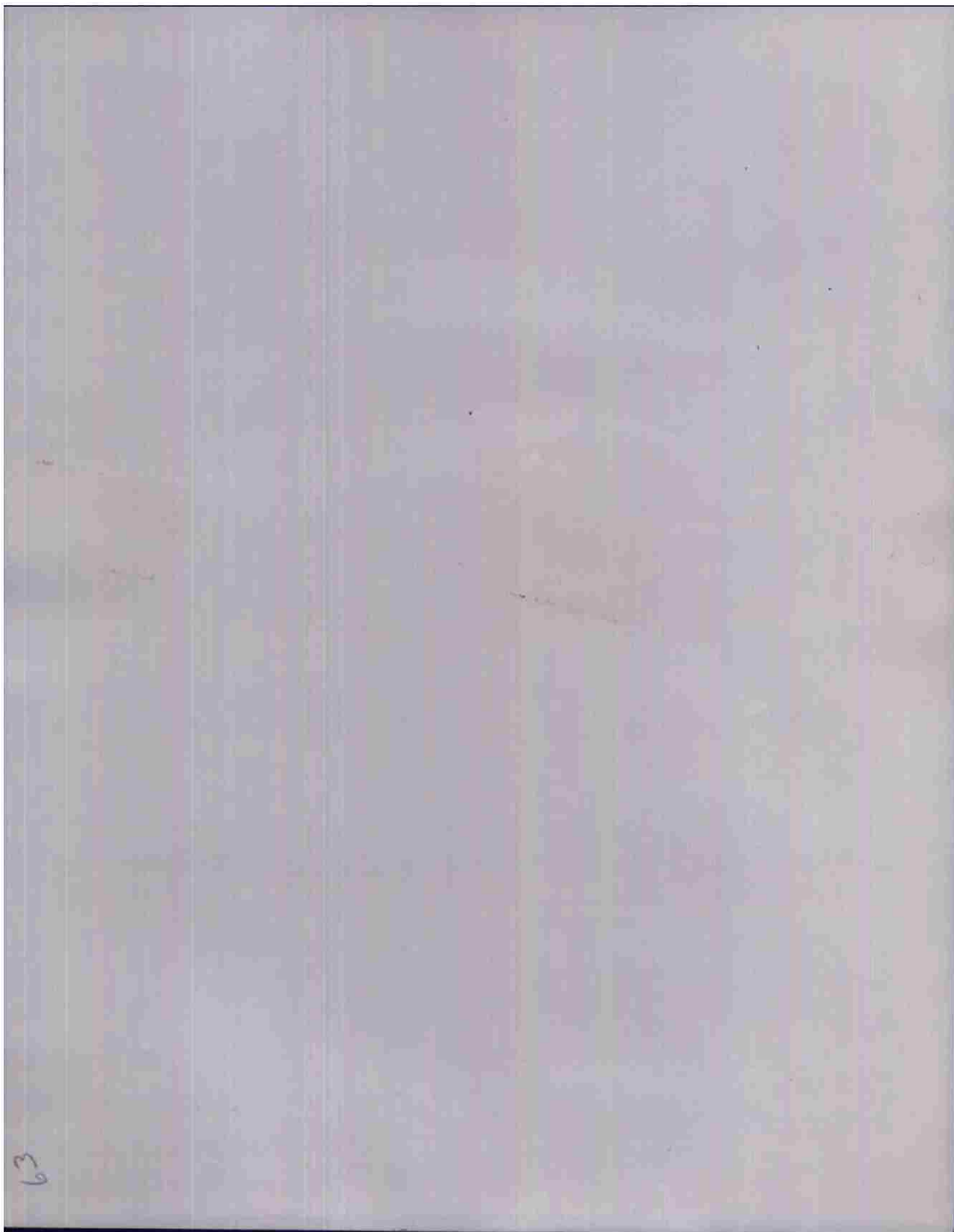
THIS PAGE DECLASSIFIED IAW EO12958

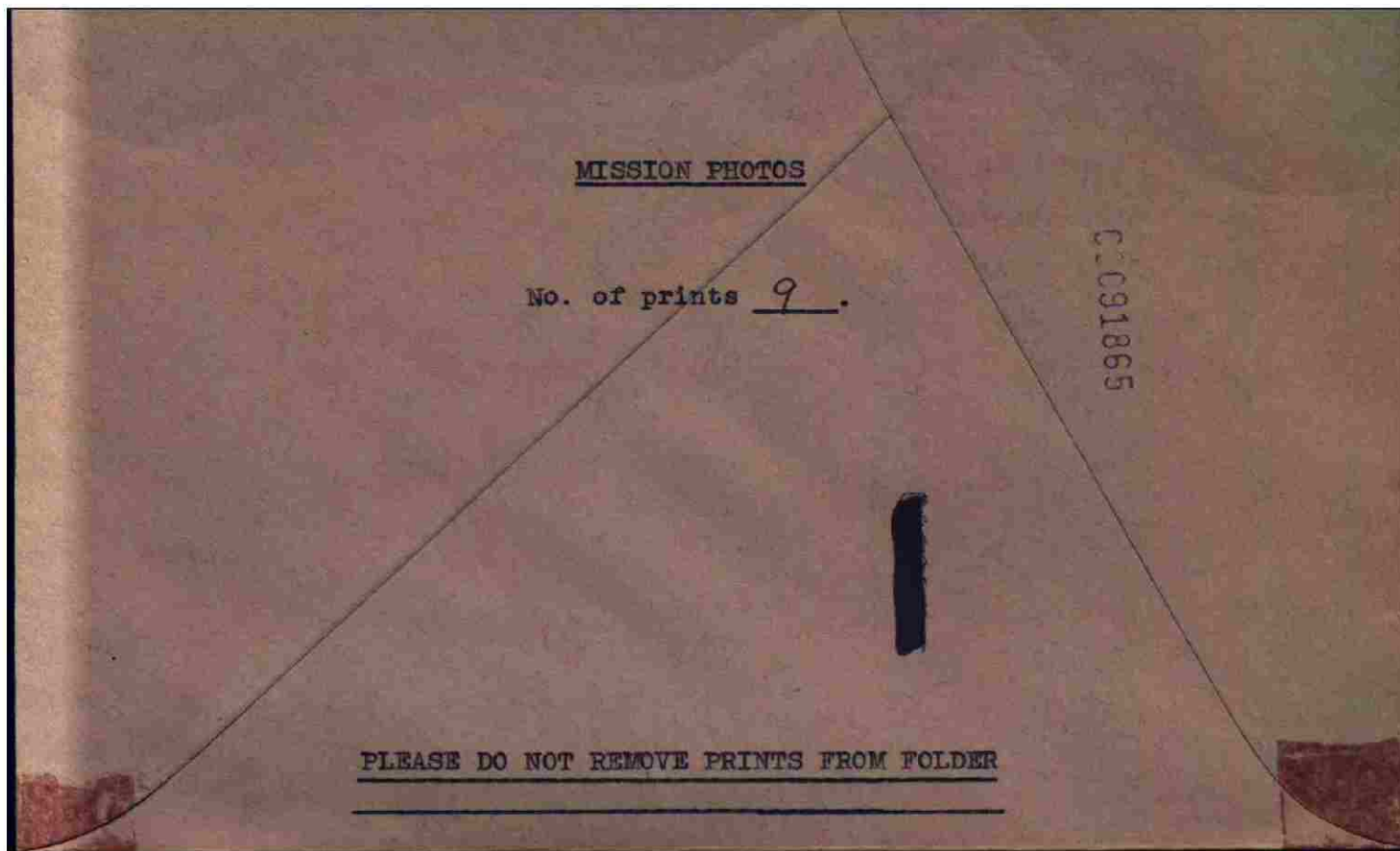


THIS PAGE DECLASSIFIED IAW EO12958

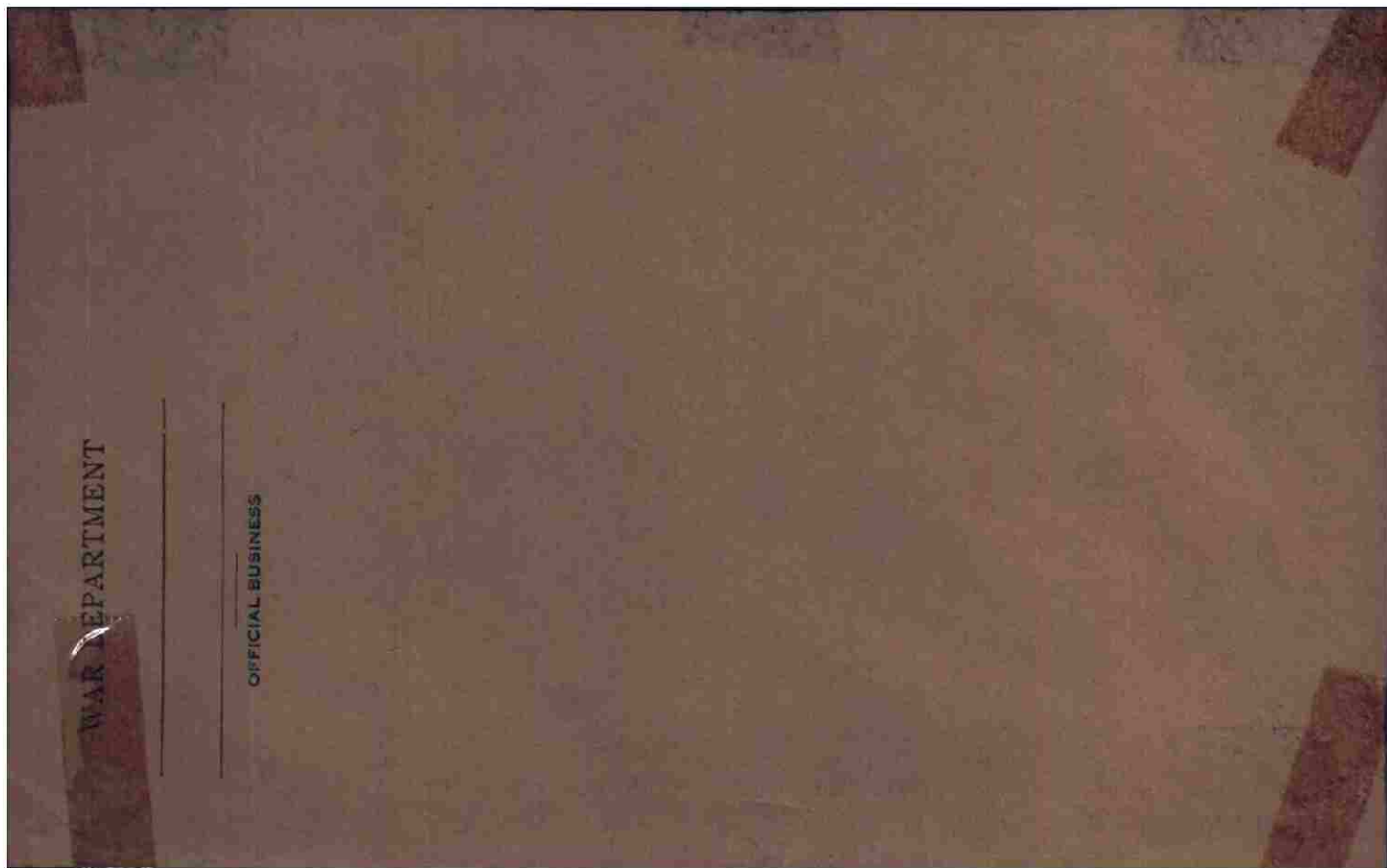








THIS PAGE DECLASSIFIED IAW EO12958



THIS PAGE DECLASSIFIED IAW EO12958

