

SECRET

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CC / AF ST 128 b7

JACKSON M. PHIPPS,
Captain, Air Corps,
Adjutant.

"MISSION SUMMARY"

MISSION NO. 46
29TH. MARCH, 1944

94TH. COMBAT BOMB WING
401ST. BOMBARDMENT GROUP (H)

REPORT OF OPERATIONAL
DAY

MISSION No. **46**

Date: **29 MAR. 44**

TO: **BRUNSWICK , GER.**

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

D-J-1

29 March 1944.

SUBJECT: Enemy Opposition and Tactical Analysis Report on Mission to Brunswick, 29 March 1944.

TO : Commanding General, 1st Bombardment Division, APO 557, U.S. Army.
(Attention: A-2).

1. No enemy A/C attacked this Group. 4 to 6 enemy single engined A/C were observed over target area, none attacking our formation. E/A were reported to be silver in color. Dog-fights with friendly escort were observed resulting in E/A destroyed at 1526 hours, over target by 2 P-51's.

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

- A. MIAG FACTORY.
- B. WILKERWERKE A.G.
- C. SIDINGS & JUNCTIONS.



Target No.
3 (e) 5a MÜHLENBAU-u. INDUSTRIE A.G.
(MIAG), Etc.

Illustration No.
BRAUNSCHWEIG or BRUNSWICK (Waggum) 3 (e) 5a/5
(GERMANY)

Illustration No.
3 (e) 5a/5

0 50 1000 1500 2000 YARDS
0 1 MILE

Photographed 13 June 1943

(1 : 31,000) approx.

Issued December 1943



A. MIAG FACTORY.
B. WILKERWERKE A.G.
C. SIDINGS & JUNCTIONS.

TYPE A

DECLASSIFIED PER NND 745085
BY 10 NARA DATE 2/12/11

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

D-G-5

29 March 1944.

SUBJECT: Comments of Crews Participating in Mission to Brunswick, Germany, 29 March 1944.

TO : COMMANDING OFFICER, Station 128, APO 557, U. S. Army. (Thru Lt. Col. B. K. Voorhees and Lt. Col. A. C. Brooks).

1. Captain Leon Stann, Deputy Group Leader, thinks formation leader should not have let down until after reaching splasher; let down today was started at enemy coast. Capt. Stann also observed that the second element of the high squadron of this Group started discharging chaff a few minutes too early.

2. Lt. William R. Dawes Jr. (Pilot) A/C 8162, thought air speed maintained by leader was too slow leaving target and returning home.

3. Lt. Andrew C. Wilhelm (Navigator) A/C 1521, said a 351st Group A/C dropped bombs three minutes late and nearly hit A/C 002 of 401st Group.

4. Lt. Charles S. Ksieniewicz (Pilot) A/C 1116, stated that 457th Group apparently "S-ed" to stay in formation and their high squadron came too close to the 401st Group, once actually passing over the top of this Group. This airplane commander also criticized let-down at enemy coast and 360° turns made between cloud layers.

5. Lt. Fred D. Grinham (Pilot) A/C 1077, complimented Major ^{William} T. Seawell for his excellent job of leading the formation.

6. S/Sgt. Charles L. Cartmill (LWG) A/C 1315, states that hoods are needed for gunners which give more protection from cold.

7. Lt. James C. Sharp (Pilot) A/C 7009, stated that food served at breakfast at Combat Mess gave him gas pains. He also stated that there was nothing to put on his bread this morning.

Dorm

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

Briefing Notes

The visual target is a fighter and bomber a/c assembly factory where ME 110's are produced and possibly other twin engine types. The plant consists of three large assembly shops, two workshops or stores, a gun testing range and a number of small administrative buildings. This target is in line with the list of priority targets you have bombed recently and it is evident that the strategy is to both destroy existing aircraft of the Luftwaffe and the plants that make them. Part of the Wing annex to this F/O reads "If visual bombing is possible put the bombs on the M.P.I." A Division annex advises that damage to this target has not been as serious as desired and, further that on a mission that was run yesterday that practically all claims came from the fighter support making strafing attacks on parked a/c on various A/F. Very few E/A were seen in the air by this division or 3rd Division or fighters.

In the event of PFF bombing the center of town is your M.P.I. This city has a population of 196,000 and is an industrial center of considerable importance. In addition to the factory you have for a visual bombing target, there is also located here the Reichswerke Herman Goring - a modern iron and steel plant with coking and power plants attached. There is also a large Bomber A/C component plant, a constructional engineering works and a large marshalling yards. These latter three targets are a little over 2000 yards S.W. of your M.P.I. Last resort target - any military installation positively identified and in Germany that can be attacked without disrupting fighter support.

As for fighter support you will have 6 Groups of P47's, 3 Groups of P51's and one Group of P38's. These P38's will arrive at their rendezvous 15 minutes late to pick up any stragglers and support them,

Show 1:500,000 Map

British Night Target Map

Composite Photos of Target

2 - Photo's Streamers.

Flak Map - New concentration at Cloppenburg and Dummer Lake.

Lights.

P/W Procedure - Head West to Holland avoiding large cities.

Friendly A/C markings -

Some P51's are now flying with red spinners and nose stripes instead of usual white.

Enemy Aircraft Markings -

Ground sources believed reliable, report that some German fighters have fins and rudders painted white. These may denote either formation leaders or experienced pilots.

Check yourself and each other on the following points.

1. Properly fit parachute harness.
2. Do you have your identity photos?
3. Do you have your dog tags?
4. Do you have G.I. shoes?
5. Be sure that your Escape Kit and purse are placed in a secure place.
6. Be positive that all identifying papers or articles are removed from pockets or equipment.

Don't mention the target name to anyone!

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

D-G-5

29 March 1944.

SUBJECT: Special Report B-17s Firing on Friendly Escort.

TO : COMMANDING OFFICER, 401st Bombardment Group (H), APO 557, U. S. Army.

1. Incidents of bombers firing at P-51 escort on the Brunswick Mission 29 March 44, were reported at Interrogation as follows:

- a. 1343 hours, 40 miles NE of Hannover, at altitude of 24,600', A/C 487 BTG fired on a P-51 flying level with our formation, *according to crew of Lt. Kenneth C. Wells, (Pilot), A/C 1087.*
- b. 1427 hours, location 5240-0900E, 457th Group A/C reported by crew of Lt. William R. Dawes Jr. (Pilot) A/C 8162, to have shot down a P-51.
- c. 1440 hours, location 5248-0828E, crew of Lt. Robert P. Walsh (Pilot) A/C 1315, reports P-51 of an element of four escorting fighters went down afire, pilot bailing out at 19,000' altitude; this crew observed chute landing on ground, and report that no enemy A/C were in vicinity at that time.
- d. 1500 hours, location 5240-0625E, crew of Lt. Charles S. Ksieniewicz (Pilot) A/C 1116, report P-51 spinning down smoking; no enemy A/C were in vicinity at that time, and this crew believe this A/C went down as a result of firing by 457th Group.

Lt. D. W. K. Kallberg
for W. B. FRY,
Major, A. C.,
Group S-2 Officer.

DISTRIBUTION:

Colonel H. W. Bowman (1 cy.)
Lt. Col. B. K. Voorhees (1 cy.)
File

776 - 325 - 728 - 760 - 824
 Office of the Delegation Director
 1000 MARSHALL WAY SUITE 1000 WASHINGTON DC 20004 (2)
 SIX MARSHALL WAY SUITE 1000 WASHINGTON DC 20004 (10)

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

29 March 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 # 42-31077

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
P	1st Lt.	Grinham	Fred	D.	615th
CP	1st Lt.	Brown	Fred	(NMI)	615th
N	1st Lt.	Whitney	Raymond	F.	615th
B	1st Lt.	Wolfe	Ralph	W.	615th
RO	T/Sgt.	Lewis	Charles	M.	615th
TT	T/Sgt.	Cockerham	Roy	D.	615th
BT	S/Sgt.	Hardy	Charles	R.	615th
TG	S/Sgt.	Hamilton	James	R.	615th
LWG	S/Sgt.	Cummings	William	T.	615th
RWG	S/Sgt.	Housman	Herbert	(M.)	615th

PLANE # 42-31521

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
P	2nd Lt.	Campbell	Paul	B.	615th
CP	2nd Lt.	De Siano	Ambrose	(NMI)	615th
N	2nd Lt.	Wilhelm	Andrew	G.	615th
B	2nd Lt.	Malone	Ralph	(B.)	615th
RO	S/Sgt.	Anderson	Martin	(A.)	615th
TT	S/Sgt.	Hensley	One	H.	615th
BT	S/Sgt.	Brown	Saul	H.	615th
TG	Sgt.	Standafer	Stanley	(NMI)	615th
LWG	S/Sgt.	Smith	Alan	E.	615th
RWG	S/Sgt.	Kendrick	Joseph	W., Jr.	615th

PLANE # 42-40002

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
P	1st Lt.	Trimble	William	W.	615th
CP	2nd Lt.	Child	Eldon	R.	615th
N	2nd Lt.	Lowie	Beryle	L.	615th
B	2nd Lt.	Gury	Barney	G.	615th
RO	S/Sgt.	Mackey	Jack	L.	615th
TT	S/Sgt.	Tracey	Edward	(NMI)	615th
BT	Sgt.	Schaeffer	John	R.	615th
TG	S/Sgt.	Asbell	William	R.	615th
LWG	S/Sgt.	Acker	Joseph	F.	615th
RWG	S/Sgt.	Courtad	Paul	K.	615th

PLANE # 42-31077

DUTY	RANK	LAST (NAME)	FIRST	(MI)	SQUADRON
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13

612TH BOMBARDMENT SQUADRON (H)
 401ST BOMBARDMENT GROUP (H)
 Office of the Operations Officer
 APO 557

AAF Station 128
 29 March 1944

SUBJECT: Loading List

TO: Operations Officer, 401st Bombardment Group (H),
 AAF Station 128, APO 557

Plane 42-31662

P	Stokes, Alexander C.	1st Lt.	612th
CP	Ramsey, Robert J.	1st Lt.	"
N	Shapiro, Aaron (NMI)	2nd Lt.	"
B	Majewski, Louis J.	2nd Lt.	"
RO	Hildreth, Arthur W.	S/Sgt.	"
TTG	Flynn, William B.	T/Sgt.	"
BTG	Farmer, John O.	T/Sgt.	"
TG	Sanders, Charles W.	S/Sgt.	"
LWG	Plate, Robert D.	Sgt.	"
RWG	Markle, Burton A.	S/Sgt.	"

Plane 42-97487

P	Johnson, Benjamin H. Jr.	1st Lt.	"
CP	Waller, Jack E.	2nd Lt.	"
N	Fishbeck, Howard D.	2nd Lt.	"
B	Musso, David M.	2nd 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

P	Wells, Kenneth C.	1st Lt.	"
CP	Guinn, Euin N.	2nd Lt.	"
N	Gelula, Warren (NMI)	2nd Lt.	"
B	Lingenfelter, Leo I.	2nd Lt.	"
RO	Bartlett, Edward M.	T/Sgt.	"
TTG	Larson, Robert D.	T/Sgt.	"
BTG	Convertino, Rico S.	S/Sgt.	"
TG	Weatherman, James H.	S/Sgt.	"
LWG	Price, William (NMI)	S/Sgt.	"
RWG	Chapman, William E.	S/Sgt.	"

Plane 42-39837

P	Christensen, Mervin J.	2nd Lt.	"
CP	Kleppe, Fred H.	2nd Lt.	"
N	King, Paul J.	2nd Lt.	"
B	Welman, Karl K.	2nd Lt.	"
RO	Spivey, Marion D.	S/Sgt.	"
TTG	Flagg, Robert W.	S/Sgt.	"
BTG	Nalbach, Paul L.	Sgt.	"
TG	Lopez, Juan C.	Sgt.	"
LWG	Coluccio, Anthony D.	Sgt.	"
RWG	Maleh, Ervin L.	Sgt.	"

8-3

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

29 MARCH 1944

Subject: Loading List

To : Operation's Officer, 401st Bombardment Group (H), AAF Station 128

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

DUTY	RANK	LAST NAME	FIRST NAME	MI
<u>PLANE NO. A2-31081</u>				
P	CAPT.	STANN	LEON	(NMI)
CP	1st LT.	HESS	CHARLES	F.
N	1st LT.	WOOD	HORACE	D.
B	1st LT.	MEADVILLE	HARRY	W.
RO	S/SGT.	MARTINEZ	RICHARD	V.
TT	T/SGT.	TRYBA	ALEXANDER	W.
BT	S/SGT.	FLOREZ	LOUIS	(NMI)
TG	2nd LT.	MURPHY	WALTER	J.
LWG	SGT.	HADSELL	DAVID	N.
RWG	S/SGT.	KASHNER	CHARLES	D.

PLANE NO. A2-1070A3

P	1st LT.	STELZER	ROBERT	L.
CP	2nd LT.	JOHNSON	WENDALL	T.
N	2nd LT.	HOBBS	HERBERT	L.
B	2nd LT.	WARREN	ROBERT	(NMI)
RO	T/SGT.	HECKER	DONALD	A.
TT	T/SGT.	PACK	JESSE	O.
BT	S/SGT.	BLACK	JAMES	P.
TG	S/SGT.	NICELY	JOHN	H.
LWG	S/SGT.	RICE	EDWARD	J.
RWG	S/SGT.	HOLLAND	THOMAS	H.

PLANE NO. A2-107009

P	2nd LT.	EMERY SHARP	JAMES	G.
CP	2nd LT.	HUSS	VINCENT	J.
N	2nd LT.	STEPHENS	DAVID	M.
B	2nd LT.	RUSSE	MYLES	R.
RO	SGT.	FINNIE	CHARLES	S.
TT	N/SGT.	OLDER	HAROLD	K.
BT	SGT.	SIEDERIS	JOHN	J.
TG	S/SGT.	TOMKINSON	ALFRED	A.
LWG	S/SGT.	TOBINE	RODNEY	T.
RWG	SGT.	DRAIN	JAMES	A.

PLANE NO. A2-31508

P	2nd LT.	LIVINGSTONE	ALEXANDER	(NMI)
CP	2nd LT.	O'NEILL	EDWARD	T.
N	1st. LT.	BENNETT	CYRUS	P.
B	2nd LT.	DEFSHIMER	HAROLD	W.
RO	S/SGT.	MUNCH	ELMER	C.
TT	S/SGT.	GREER	ELMER	D.
BT	S/SGT.	O'BRIEN	JOHN	P.
TG	S/SGT.	FETZER	ELMER	M.
LWG	S/SGT.	SCHAIR	ARTHUR	(NMI)
RWG	S/SGT.	MARTINELLI	ALEXANDER	M.

WEATHER SHIP:

1st LT. SHOTTS
 CAPT. FELLOWS

1st LT. SAVAGE
 LT. COL. BROOKS (GROUP)
 SGT. REEDY

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

AAF Station # 128
 29 March 1944.

SUBJECT: Leading List.

TO : Operations Officer, 401st Bomb Gp (H), AAF Station # 128,
 APO # 557.

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

*Plane 42-51625

P	1st Lt.	KIRKRUPT, DONALD V.	614th
CP	1st Lt.	BOBOLAK, BENNIE W.	"
N	1st Lt.	PIERCE, MYRON E. JR.	"
B	1st Lt.	MONTONE, LINER J.	"
RO	T/Sgt.	Cook, Harold (NMI)	"
TT	T/Sgt.	Nicholas, Charles L.	"
BT	S/Sgt.	Herritt, William E.	"
TO	S/Sgt.	Wanke, Charles F.	"
LNG	S/Sgt.	Kochler, Earl E.	"
RNG	S/Sgt.	Michel, Delmar E.	"

*Plane 42-39881

P	2nd Lt.	SHAW, FRANCIS L.	"
CP	2nd Lt.	COLE, WILLIAM R.	"
N	2nd Lt.	ENGELHART, ELMER W.	"
B	2nd Lt.	AVERT, ALFRED L.	"
RO	S/Sgt.	Terroux, Kenneth A.	"
TT	T/Sgt.	Macomber, Richard W.	"
BT	Cpl.	Hurd, John L.	"
TO	S/Sgt.	Smith, Glen W.	"
LNG	S/Sgt.	Seagren, Carl E.	"
RNG	S/Sgt.	Gordon, Robert T.	"

*Plane 42-39440

P	1st Lt.	STIMSON, BOUDINOT (NMI)	"
CP	2nd Lt.	TIMBERLAKE, ROBERT H.	"
N	2nd Lt.	HARDING, JAMES B.	"
B	1st Lt.	FFAFFMAN, JACK L.	"
RO	T/Sgt.	Mancuso, Carman L.	"
TT	T/Sgt.	Kukurin, Earl E.	"
BT	S/Sgt.	Wells, Paul S.	"
TO	S/Sgt.	LaSage, Alfred (NMI)	"
LNG	Cpl.	Amos, Paul J.	"
RNG	Cpl.	Allen, Andrew L.	"

*Plane 42-38102

P	1st Lt.	DAWES, WILLIAM R. JR.	"
CP	2nd Lt.	FRATT, JOHN D.	"
N	2nd Lt.	SHUBERT, JOHN A.	"
B	2nd Lt.	VAN NOY, RUSSELL H.	"
RO	T/Sgt.	Brown, Walter L. Jr.	"
TT	T/Sgt.	Norell, Oile A.	"
BT	T/Sgt.	Lafountain, Louis E.	"
TO	S/Sgt.	Gentry, Ray A.	"
LNG	S/Sgt.	Toel, Oliver E.	"
RNG	S/Sgt.	Mooney, William R.	"

Cont'd - Loading List - March 29, 1944

*Plane 42-31116

P	2nd Lt.	KSIENIEWICZ, CHARLES S.	614th
CP	2nd Lt.	HARRINGTON, KENNETH G.	"
N	2nd Lt.	DASTOUS, JOSEPH G.	"
B	2nd Lt.	TUMPSON, SIDNEY L.	"
RO	Sgt.	Wilber, Maurice V.	"
TT	T/Sgt.	Surke, Francis (NMI)	"
BT	S/Sgt.	Cornatassal, Beryle A.	"
TG	Sgt.	McElowney, Donald E.	"
LNQ	Cpl.	Morrissey, John E.	"
RNG	S/Sgt.	Highlen, Harold A.	"

*Plane 42-31316

P	2nd Lt.	WALSH, ROBERT P.	"
CP	2nd Lt.	LONG, JOHN C.	"
N	2nd Lt.	MATRICIAN, MICHAEL (NMI)	"
B	2nd Lt.	PORTER, GUY R.	"
RO	Cpl. &	Zappala, Vincent (NMI)	"
TT	T/Sgt.	Stallcup, Rose H.	"
BT	S/Sgt.	Collie, Perry O.	"
TG	S/Sgt.	Ergech, Ludvick J.	"
LNQ	S/Sgt.	Sartmill, Charles L.	"
RNG	S/Sgt.	Layland, John M.	"

HEADQUARTERS
 401st BOMBARDMENT GROUP (H)
 Office of the Staff Weather Officer
 APO 557, U.S. Army

29 March 1944

WEATHER INTERROGATION SUMMARY FOR MISSION OF 29 MARCH 1944

TAK-OFF: 1015. 10/10 stratocumulus, base 600', top 3-4000'. 10/10 stratocumulus, base 6000', top 7000'. 5-8/10 altostratus, base 15000', top 16000'. Visibility 2000 yds. Continuous light drizzle.

ROUTE OUT: 10/10 stratocumulus, top 7000' to English coast where top layer of stratocumulus became 6-8/10, lower layer remaining 10/10, tops 3-4000', top layer again becoming 10/10 over North Sea and remaining 10/10 to continental coast, tops 8-10,000'. Top layer of stratocumulus became 6-8/10 over continent, tops 8-10,000', with lower layer of stratocumulus occasionally visible through breaks, tops 4-5000'. 5-8/10 altostratus, base 15,000', top 16,000', becoming 3-5/10 near English coast and 2/10 over North Sea, bases 12,000', tops 14,000', becoming nil over mid North Sea. 4-6/10 cirrus at 25,000', becoming 4/10 over North Sea at 35,000'. Visibility unlimited aloft.

TARGET: 1326. 7-8/10 stratocumulus, tops 8-10,000', with lower layer of stratocumulus occasionally visible through breaks, tops 4-5000'. Nil middle cloud. 4/10 cirrus at 35,000'. Visibility unlimited above clouds.

ROUTE BACK: 6-8/10 stratocumulus, tops 8-10,000', with lower layer of stratocumulus occasionally visible through breaks, tops 4-5000', becoming 10/10 stratus one third of way across North Sea, tops 8000', bases 3-400'. Nil middle cloud, becoming 6-8/10 altostratus, base 10,000', tops 12,000' mid-way across North Sea. 4/10 cirrus at 35,000'. Visibility unlimited above clouds.

BACK ON RETURN: 1732. 10/10 stratus, base 400'. Visibility 2500 yds. Intermittent light drizzle.

REMARKS: Light, non-persistent contrails between 15,000' and 18,000' over England on route out. Heavy non-persistent contrails from fighters at 30-35,000'. Light clear ice at 6000' upon descent through stratus over North Sea and England. Temperatures nearly as briefed; -38 deg. at 25,000'. Winds about 20 deg. more westerly than briefed; at 24,500', just east of Bulder See, 297 deg. at 61 knots.

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

OPERATIONAL ROUTE FORECAST

DATE 12-12-64
 PERIOD 1210 - 1700
AG P BR HQ SOS 2-44165M122929

	A Base to Continental Coast	B Continental Coast to Target to Continental Coast	C Continental Coast to Base	D
1 WEATHER	Overcast with Drizzle and Fog becoming Overcast at Continental Coast.	Overcast becoming Cloudy with Slight to Moderate Rain and Snow Showers	Overcast Cloudy becoming Overcast with Rain.	
2 CLOUDS	10/10 Stratocumulus base 3-5000ft. tops 3-4000ft. lifting to 5-8000ft by 1200 Hrs. and tops over North Sea 8-10,000ft. 6-8/10 Alto cumulus with Altostratus base 11,000ft tops 15,000ft. decreasing to 3-5/10 Alto cumulus at Continental Coast. 6-8/10 Cirrostratus 20,000ft and above decreasing to 3-5/10 at Continental Coast.	10/10 Stratocumulus base 5-8000ft. tops 8-10,000ft becoming 6-9/10 Large Cumulus base 1-20000ft. 10-12,000ft. Occasional MIDDl ally 15,000ft. in 2 Snow Showers at Target and on return. 3-5/10 Alto cumulus and Alto Stratus base 11,000ft. tops 15,000ft. 3-5/10 Cirrostratus 20,000ft. and Above.	6-9/10 Large Cumulus base 1-2000ft. tops 10-12,000ft. becoming over England 8-10/10 Strato cumulus base 1000-1500ft. tops 6-8000ft. 3-5/10 Alto cumulus with Alto stratus base 11,000ft. 15,000ft. 3-5/10 Cirro stratus. 20,000 and above.	NOTE Moderate Non Persistent Contrails 20,000ft and above becoming Dense at 23,000ft and Above
3 ICING	3 6000ft. lowering to 3000ft. at Cont. Coast Moderate Rime in Cloud	3000ft. lowering to 2000ft. in Moderate clear in Cumulus Cloud.	3000 ft. Moderate Rime	
4 VISIBILITY	5-300 yds becoming 1000-1500 by 1:00 hrs.	4-6 miles at surface and 10 miles plus between cloud layers	10 miles plus aloft 1-2 miles on surface.	
HEIGHT	DIRECTION VELOCITY	DIRECTION VELOCITY	DIRECTION VELOCITY	DIRECTION VELOCITY
SURFACE	Base to Cont. Coast. Light and variable	Cont. Coast to Target 080 25	Target to Base. plus 04	Target Temperature plus 08
5000 FT	320 25	360 35	-06	-08
10000 FT	320 35	350 55	-10	-14
15000 FT	320 50	320 65	-19	-22
20000 FT	320 65	320 75	-30	-32
25000 FT	320 65	320 90	-40	-42
30000 FT	320 70	320 95	-50	-50

BASE ALTIMETER SETTING 29.77 TARGET SURFACE TEMP. Plus 03 TARGET MEAN TEMP. -18.7
 TEMP. AT 25000 FT. -42 TARGET SURFACE (PRESSURE-ALT) Plus 104

DECLASSIFIED PER 1040745025
 BY 18 NARA DATE 21 12 11