

Washington Center, New York Center, Boston Center,
Jacksonville Center, and FACSFAC VACAPES ATCF

LETTER OF AGREEMENT

EFFECTIVE: July 15, 1999

Interfacility Coordination and Control Procedures for Operations in
ATC Assigned Airspace (ATCAA), Special Use Airspace (SUA), Extended
SUBJECT: Controlled Airspace, and Severe Weather Avoidance Plan (SWAP) Areas

1. PURPOSE. This agreement delegates authority and responsibility for IFR control service and promotes real time joint use of airspace.
2. CANCELLATION. Washington Center, New York Center, Boston Center, Jacksonville Center, and FACSFAC VACAPES ATCF Letter of Agreement, Interfacility Coordination and Control Procedures for Operations in ATC Assigned Airspace (ATCAA), Special Use Airspace (SUA), Extended Controlled Airspace, and Severe Weather Avoidance Plan (SWAP) Areas, dated August 12, 1997, is canceled.
3. BACKGROUND. This letter of agreement is revised to update interfacility coordination and control procedures between signatory facilities.
4. DELEGATION. Washington, New York, Boston, and Jacksonville centers delegate to FACSFAC VACAPES ATCF authority and responsibility for control of IFR aircraft within controlled and special use airspace described herein. This action is taken in the interest of more effective use of airspace and to fully implement "joint use" of airspace between the facilities.
5. SCOPE. The procedures herein are applicable to Washington, New York, Boston, and Jacksonville centers, hereinafter called Center, and Fleet Area Control and Surveillance Facility, Virginia Capes (FACSFAC VACAPES), hereinafter called GIANT KILLER. Procedures for GIANT KILLER assigned airspace shall apply unless prior coordination is completed.
6. RESPONSIBILITIES.
 - a. Center shall advise the GIANT KILLER Facility Watch Supervisor, commercial (757) 433-1230/1231:
 - (1) when radar service cannot be provided.
 - (2) when their computer is inoperative.
 - b. GIANT KILLER shall advise the appropriate center:
 - (1) when ATC service cannot be provided.
 - (2) when FDIO is inoperative.
 - (3) when the special use airspace/ATCAA's are no longer required.

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7. PROCEDURES. The following establishes procedures for the use of Warning Areas W107, W107C Corridor, W386, W72, W50, and W122 by Washington Center, the Controlling Agency, W-105 and W-106 by Boston Center, the Controlling Agency and by the Commanding Officer, FACSFAC VACAPES ATCF, the Using Agency.

a. The Using Agency shall release W-105, W-106, W107, W107C Corridor, W386, W72, W50, and W122 to the Controlling Agency when not in use. Release(s) may be whole or in part. Release(s) initiated by the Using Agency shall be communicated as identified in Attachment 8 and shall be disseminated by the Controlling Agency.

b. Approvals of whole or partial release requests initiated by the Controlling Agency shall be disseminated by the initiating sector/area to all affected sectors/areas.

c. During the time when the airspace is released to the Controlling Agency, sectors/areas may clear IFR traffic into the affected airspace. Authorization shall be restricted to those aircraft with an operating transponder in communication with and under the direct control of FAA agencies. Aircraft without an operating transponder shall be coordinated on an individual basis.

d. W-105 shall be returned to the Using Agency in accordance with the following:

(1) Boston Center/GIANTKILLER coordination:

(a) GIANTKILLER shall coordinate an activation time with Boston Center Mission Coordinator (MC), via 59 line, a minimum of 20 minutes prior to airspace activation based on precoordination with ACY and 102FW.

(b) Boston Center shall recognize W-105 as activated at the precoordinated time received from GIANTKILLER in accordance with paragraph 7d(1)(a).

(c) Boston Center shall ensure that all nonparticipating aircraft have exited W-105 airspace prior to activation time established in 7d(1)(a) unless otherwise coordinated.

(d) For any activities other than ACY and 102FW, Boston Center shall coordinate a W-105 estimated activation time with GIANTKILLER. GIANTKILLER shall utilize recall procedures in paragraph 7e.

(e) Activities not covered in 7d(1)(a), (b), (c), and (d) shall require GIANTKILLER to recall airspace in accordance with paragraph 7e.

(2) New York Center/GIANTKILLER coordination in accordance with paragraph 7e.

e. W-105 (except in the cases of 7d(1)(a), (b) and (c)), W-106, W107, W107C Corridor, W386, W-72, W-50, AND W-122 shall be returned to the Using Agency by the FAA immediately upon request reference existing traffic. The Using Agency shall recall airspace by communicating directly with all affected Center sectors as listed in Attachment 9, page 2. Existing traffic is defined as:

(1) Traffic that has been cleared through warning area airspace and is within 20 miles of entering that airspace.

(2) JFK departures (on Dual Beach Tracks) that have already been cleared through the requested airspace and that Boston Center has received a departure message on.

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NOTE: In the event the procedures in paragraph 7e cannot be followed, coordination may be made through the applicable center(s) Military Operations Specialist (MOS)/Mission Coordinator (MC). The applicable center(s) shall return airspace within 15 minutes of notification unless prior coordination is effected.

f. Washington Center is designated as the liaison station for the relay of information concerning the status of W107, W107C Corridor, W386, W72, W50, and W122. Boston Center is designated as the liaison station for the relay of information concerning the status of W105 and W106.

g. All affected warning area airspace boundaries remain in place during "real-time" turnover; however, airspace that may be released to the Controlling Agency is defined below:

- (1) W105A - SOA Air-A through Air-H - 110 to FL500
- (2) W105B - 060 to but not including FL180
- (3) W106B - 060 to 080
- (4) W106C - 060 to 100
- (5) W107 - 080 to unlimited
- (6) W107C Corridor - 070 to but not including FL180
- (7) W386 - East of VACAPES B/C FL240 to unlimited
Within VACAPES B/C 100 to unlimited
- (8) W72 - FL240 to unlimited
- (9) W50 - FL240 to unlimited
- (10) W122 - FL240 to unlimited

NOTE: Although the Controlling Agency does not require real-time access into warning area airspace except as listed above, remaining warning area airspace may be released to the Controlling Agency when requested.

h. Procedures for New York Center and FACSFAC VACAPES for aircraft transiting R512 and R763 between W122 and W72 and associated ATC Assigned Airspace (ATCAA) are as follows:

(1) Any aircraft established on R512 or R763, either inbound to or outbound from SACUS Intersection, will not require coordination with FACSFAC VACAPES.

(2) Elimination of coordination requirements is not an authority to penetrate special use airspace.

i. Coordination for use of SUA-VACAPES areas.

(1) Washington Center Traffic Management Unit (TMU) shall coordinate with the GIANT KILLER Facility Watch Supervisor, commercial (757) 433-1230/1231, for release of specific VACAPES areas A through E and/or altitudes as needed.

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(2) Washington Center TMU will coordinate individual acquisition/return of VACAPES areas A through E with adjoining facility TMU's as follows:

- VACAPES A. New York and Boston Centers
- VACAPES B. New York Center
- VACAPES C. New York Center
- VACAPES D. No coordination required
- VACAPES E. Jacksonville Center

(3) Washington Center TMU will advise GIANT KILLER as early as possible that they anticipate implementation of SWAP procedures.

(4) Washington Center TMU shall release VACAPES areas A through E back to GIANT KILLER when no longer needed or when requested by GIANT KILLER. Traffic in transit shall be allowed to complete their transit prior to the return of the requested airspace. Washington Center shall coordinate with the adjacent center prior to returning those portions of VACAPES airspace as defined in 7(2).

(5) Washington Center TMU shall advise the Air Traffic Control System Command Center (ATCSCC) whenever VACAPES A through E areas have been released.

j. Coordination for use of ATCAA.

(1) Airspace request shall be made to the center MOS position as soon as practicable prior to use time and will consist of:

- (a) airspace code name.
- (b) time period of use.
- (c) altitudes/flight level desired.
- (d) using/controlling agency.

(2) GIANT KILLER is the scheduling and airspace coordination facility.

(3) Procedural use of Hatteras B ATCAA, Pamlico A-B MOA's, and Stumpy Point MOA shall be in accordance with and as described under a separate letter of agreement.

k. Flight data.

(1) Entering the warning areas/ATCAA:

(a) After the acceptance of an automated hand-off, GIANT KILLER shall enter a hold message on participating aircraft to retain the data base.

(b) When GIANT KILLER FDIO equipment is out of service, Center shall forward flight plan data manually on aircraft entering GIANT KILLER airspace at least 10 minutes prior to boundary crossing or as soon as practicable.

(c) Center shall enter the hold message on any aircraft which are not handed off to GIANT KILLER via automated procedures.

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(2) When exiting warning areas/ATCAA, GIANT KILLER shall enter a progress report or manually coordinate with the Center 5 minutes prior to estimated exit time of aircraft.

(3) Transiting AR-8, AR-9, and warning area/ATCAA:

(a) GIANT KILLER to New York Oceanic:

1 GIANT KILLER shall accomplish manual coordination for all aircraft entering New York Oceanic area at least 20 minutes (or as soon as practicable) prior to the estimated time at the Oceanic boundary.

2 GIANT KILLER shall forward the oceanic entry fix progress report to New York Oceanic. This progress report will contain the time and altitude over the oceanic entry fix, estimate for the next fix, and the name of the subsequent fix.

3 GIANT KILLER shall advise New York Oceanic when the aircraft progresses past the oceanic fix.

(b) New York Oceanic shall accomplish manual coordination for all aircraft entering GIANT KILLER airspace at least 20 minutes (or as soon as practicable) prior to the estimated time at the Oceanic boundary.

l. Transfer of control.

(1) Radar hand-offs between Center and GIANT KILLER shall be accomplished prior to the aircraft entering and/or exiting the assigned airspace. Verbal coordination on automated hand-offs is not required provided:

- (a) aircraft are routed via the fixes and are at the altitudes listed on Attachment 3.
- (b) all flight plan information is correct.
- (c) formation flights are standard.

(2) When radar service cannot be provided by a facility, aircraft shall be instructed to contact the receiving facility prior to entering the receiving facility's airspace after complete coordination has been effected.

m. GIANT KILLER emergency outage procedures.

(1) When GIANT KILLER is unable to provide air traffic control services in AR8 and AR9, Washington Center will assume control.

(2) Manual verification for AR8/AR9 traffic shall be initiated between New York Oceanic and Washington Center at least 20 minutes prior to estimated boundary crossing.

n. WHISKEY ALERT. The phrase, WHISKEY ALERT, via the designated hand-off circuit, will be used to preface any call notifying an adjacent control agency that a split in/spill out is imminent or taking place. Agencies initiating WHISKEY ALERT notification will pass the following information:

(1) location

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- (2) code
- (3) altitude
- (4) heading (if known)
- (5) call sign (if known)

o. General. Deviations from procedures contained in this agreement are authorized only after complete coordination which clearly defines responsibilities.


8. ATTACHMENTS.

- a. Attachment 1--W-105 and W106
- b. Attachment 2-- W-107, W-386, W-387
- c. Attachment 3-- W-72, W-50, W-110, W-122
- d. Attachment 4-- Common Reference Points--Washington Center, New York Center, and Boston Center
- e. Attachment 5-- Airspace Delegated by Washington Center to FACSAC VACAPES
- f. Attachment 6-- VACAPES Areas A Through E (SWAP)
- g. Attachment 7-- W-107C Corridor (Delegated Airspace)
- h. Attachment 8-- Sector Coordination for Release of Warning Area
- i. Attachment 9--Airspace Sector Coordination for Activation of Warning Area Airspace
- j. Attachment 10--ZDC Coordination Procedures
- k. Attachment 11--ZBW Release Coordination Procedures


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 Charles R. Reavis
 Air Traffic Manager
 Washington ARTC Center



 A. R. Reade, Captain, USN
 Commanding Officer
 FAGSFAC VACAPES



 Miles R. Miller
 Air Traffic Manager
 Jacksonville ARTC Center



 Michael McCormick
 Air Traffic Manager
 New York ARTC Center



 Donald Donato
 FAA Air Traffic Representative
 FACSFAC VACAPES

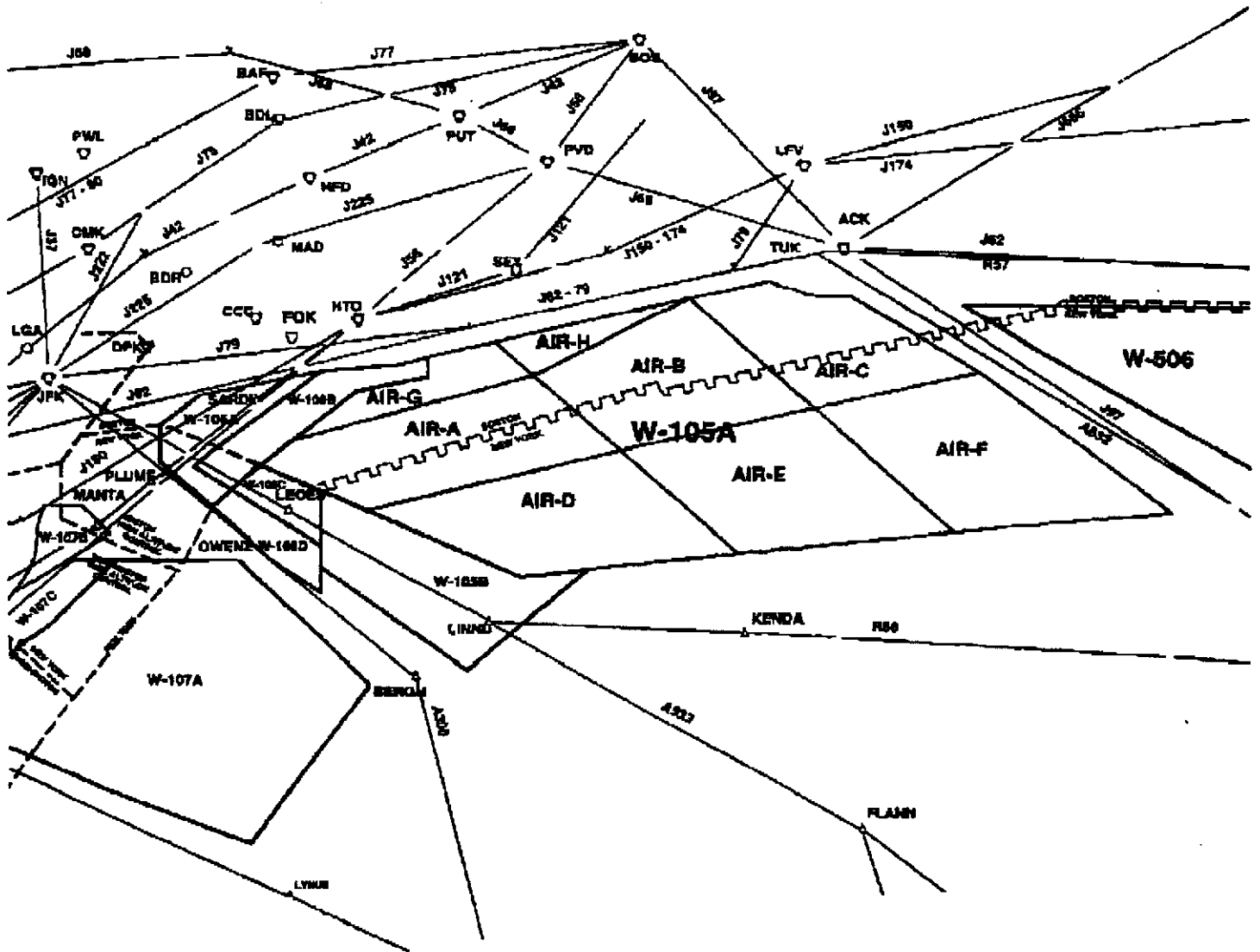


 Heather Ackerman
 Air Traffic Manager
 Boston ARTC Center

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W-105 AND W-106



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W105 SOAs

W105A SFC to FL500
W105B SFC to but not including FL180

AIR-A

395819N 0721837W TO 401155N 0724653W TO 401851N 0723828W TO 403830N 0713000W TO 401602N 0710507W TO BEGINNING POINT

AIR-B

401602N 0710507W TO 403830N 0713000W TO 410136N 0704546W TO 402903N 0701022W TO BEGINNING POINT

AIR-C

402903N 0701022W TO 410136N 0704546W TO 410652N 0702251W TO 410526N 0701947W TO 410435N 0701800W TO 410343N 0701410W TO 410321N 0701301W TO 410232N 0700924W TO 410229N 0700512W TO 410234N 0700126W TO 410238N 0700015W TO 410230N 0700000W TO 403950N 0692328W TO BEGINNING POINT

AIR-D

393842N 0713346W TO 395819N 0721837W TO 401602N 0710507W TO 394542N 0703202W TO BEGINNING POINT

AIR-E

394542N 0703202W TO 401602N 0710507W TO 402903N 0710507W TO 395206N 0693100W TO BEGINNING POINT

AIR-F

395206N 0693100W TO 402903N 0701022W TO 403950N 0692328W TO 402646N 0690623W TO 395800N 0682950W TO BEGINNING POINT

AIR-G

401851N 07238278W TO 403400N 0721858W TO 403800N 0715958W TO 404400N 0715958W TO 404836N 0714055W TO 403830N 0713000W TO BEGINNING POINT

AIR-H

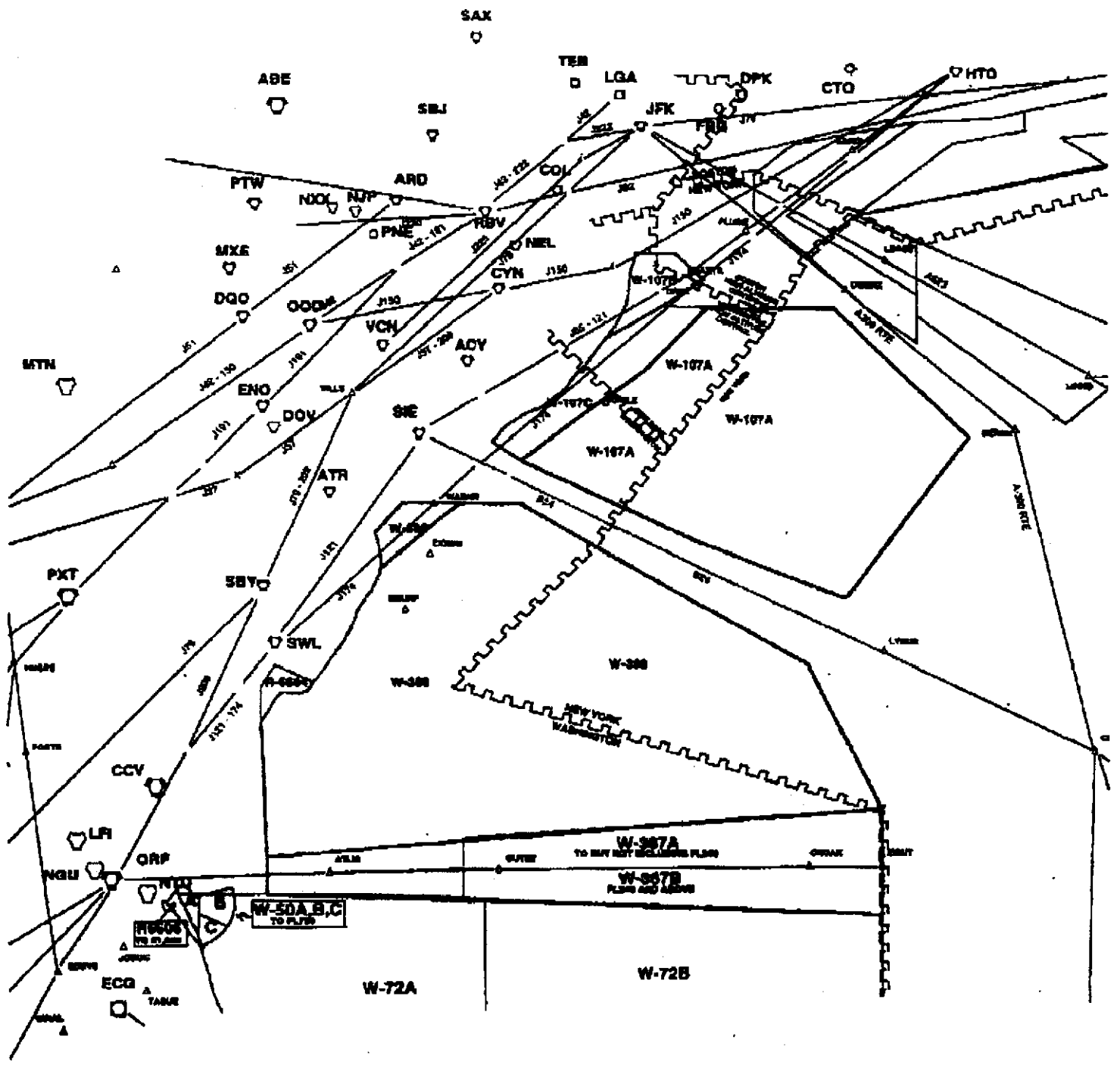
403830N 0713000W TO 404836N 0714055W TO 410136N 0704546W TO BEGINNING POINT

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ATTACHMENT 2

W-107, W-386, W-387

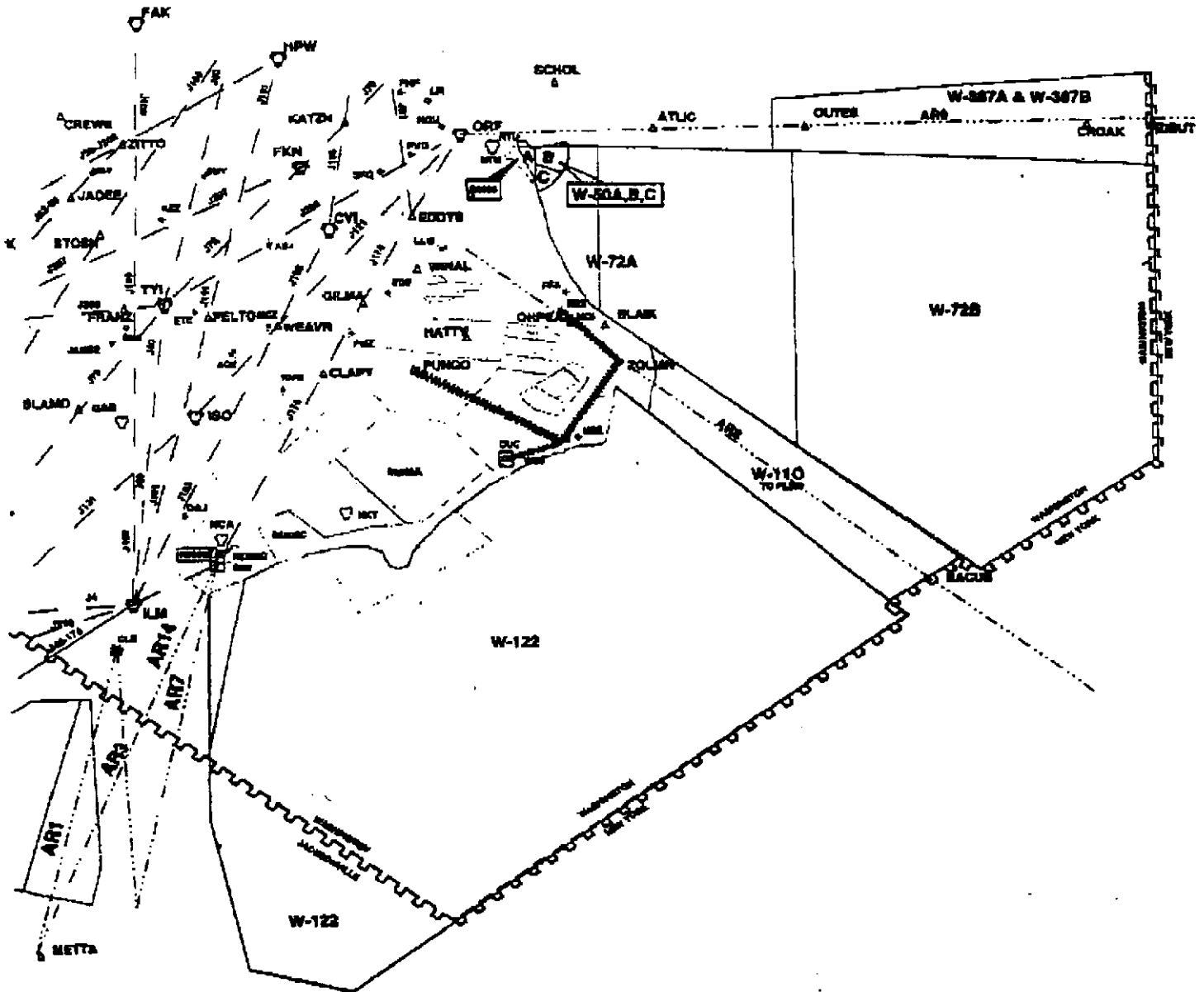


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ATTACHMENT 3

W-72, W-50, W-110, W-122



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COMMON REFERENCE POINTS
WASHINGTON CENTER

Hampton VORTAC (HTO)	OUTES Intersection (3656W/7426N)
Sea Isle VORTAC (SIE)	HATTY Intersection (FKN150069)
LYNUS Intersection (SIE131120)	CROAK Intersection (3655N/7300W)
Norfolk VORTAC (ORF)	ZIBUT Intersection (3858N/7240W)
Snow Hill VORTAC (SWL)	BACUS Intersection (3426N/7351W)
Elizabeth City VOR (ECG)	BERGH (JFK150120)
FISSH Intersection (SIE131023)	LINND (JFK139120)
ATLIC Intersection (3655N/7513W)	

TRANSFER OF CONTROL POINTS

Fix	Exit Altitude	Center Frequency	FACSFAC Frequency	Transfer Line
BLAIK (NTU166065)	FL280	327.8	251.6	5GP484
ILM/NKT	FL220	272.75	251.3	6GL29761
SMURF (SWL070030)	FL200	256.8	249.8	5GP484
APPLE (ACY122033)	14,000 FEET	285.4	255.0	5GP484
EXXON (SIE185036)	14,000 FEET	285.4	249.8	5GP484

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COMMON REFERENCE POINTS
NEW YORK CENTER

SEA ISLE VORTAC (SIE)	CHAMP INTERSECTION (3731N/7141W)
LYNUS INTERSECTION (SIE131120)	PLUME INTERSECTION (HTO238065)
OWNEZ INTERSECTION (JFK150065)	LEOES INTERSECTION (JFK139065)
NORFOLK VORTAC (ORF)	FISSH INTERSECTION (SIE131023)
CROAK INTERSECTION (3656N/7300W)	ZIBUT INTERSECTION (3858N/7240W)
BACUS INTERSECTION (3426N/7351W)	BERGH INTERSECTION (JFK150120)
LINND INTERSECTION (JFK139120)	KENDA INTERSECTION (3921N/7030W)

TRANSFER OF CONTROL INFORMATION

<u>Fix</u>	<u>Exit/Entry Altitudes</u>	<u>Center Frequency</u>	<u>Center Sector</u>	<u>FACSFAC Frequency</u>	<u>FACSFAC Sector</u>	<u>Transfer Line</u>
BACUS (AR8)	2,000 FEET TO FL230	ARINC	BACUS/88	135.875 251.3	CHERRY	GP15275-ZNY 5GP484-ZDC
W-386 ZIBUT (AR9)	5,500 FEET AND ABOVE	ARINC 132.15/354.0	CHAMP/87 ATLANTIC/88	118.125/ 238.1	LANGLEY	GP15276-ZNY 5GP484-ZDC
W-72	SURFACE & ABOVE	ARINC	CHAMP/87 BACUS/88	118.125 233.7	OCEAN	GP15275-ZNY 5GP484-ZDC
W-122	SURFACE & ABOVE	ARINC	BACUS/88	135.875 251.6	CHERRY	GP15275-ZNY 6GL29761-ZDC 5GP484-ZDC
W-107	SURFACE & ABOVE	132.15/354.0	ATLANTIC/86	135.725/255.0	YANKEE	GP15275-ZNY 5GP484-ZDC
W-105	SURFACE & ABOVE	132.15/354.0 125.925/ 381.65	ATLANTIC/86 JOBOD/85	135.225/338.1 305.0	YANKEE	GP15275-ZNY GP24359-ZBW

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ATTACHMENT 4
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COMMON REFERENCE POINTS
 BOSTON CENTER

Calverton VOR/DME (CCC)	Otis TACAN (FMH)
Hampton VORTAC (HTO)	Suffolk TACAN (FOK)
Kennedy VOR/DME (JFK)	PLUME Intersection (400708/731708)
Nantucket VOR/DME (ACK)	SARDI Intersection (403126/724758)

NOTE: A 1-square mile flight plan area (FPA) around VACAP (402613/711909) on the Boston Center/New York Center boundary has been adapted in the Boston Center and Washington Center computers as delegated to Washington Center. The airspace has not been transferred to Washington Center. It has been adapted as Washington Center airspace in the computer to permit automated handoffs to Giant Killer which is hosted by the Washington Center computer. Automated handoffs will only be possible when the route of flight includes VACAP. (The FPA boundaries are defined by: 402629/712000, 402652/711847, 402557/711818, 402534/711930.)

TRANSFER OF CONTROL INFORMATION

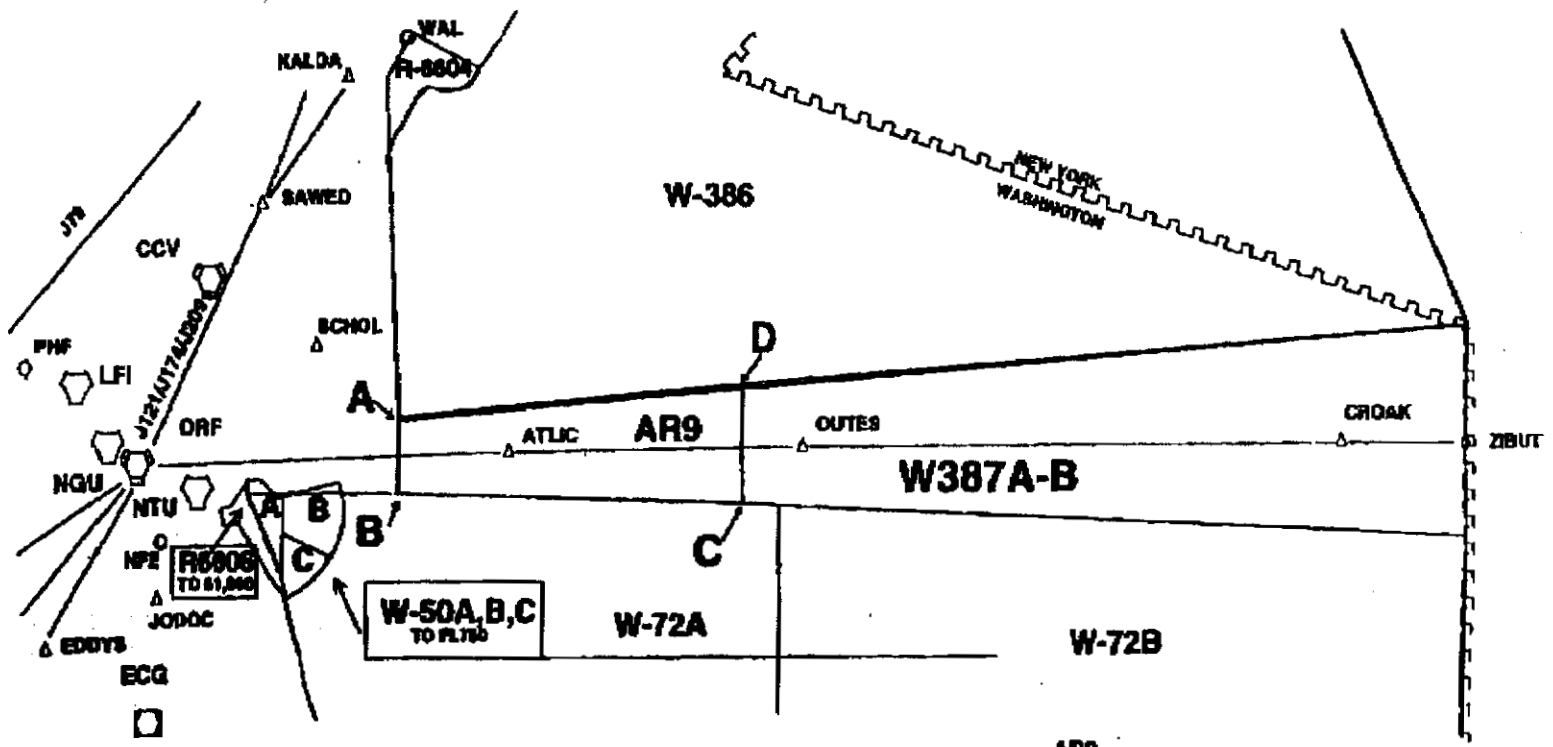
<u>Fix</u>	<u>Exit/Entry Altitudes</u>	<u>Center Frequency</u>	<u>Center Sector</u>	<u>FACSFAC Frequency</u>	<u>Transfer Line</u>
FMH210040	11,000 FEET AND ABOVE	128.75 290.3	CAPE/18	135.225 338.1	GP24359
HTO130025	11,000 FEET AND ABOVE	132.3 348.3	ERICK/33 SARDI/32	135.225 338.1	GP24359
HTO130025	FL200 AND ABOVE	124.525 299.7	HAMPTON/31	135.225 338.1	GP24359
FMH180035	11,000 FEET AND ABOVE	128.75 290.3	CAPE/18	135.225 338.1	GP24359
FMH220045	11,000 FEET AND ABOVE	128.75 290.3	CAPE/18	135.225 338.1	GP24359

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AIRSPACE DELEGATED BY WASHINGTON CENTER TO FACSFAC VACAPES

ZDCZNYIZEWIZLX/FACSFAC VACAPES LOA



**SURFACE TO UNLIMITED WITHIN
 THE AIRSPACE DEFINED BY THE
 FOLLOWING POINTS:**

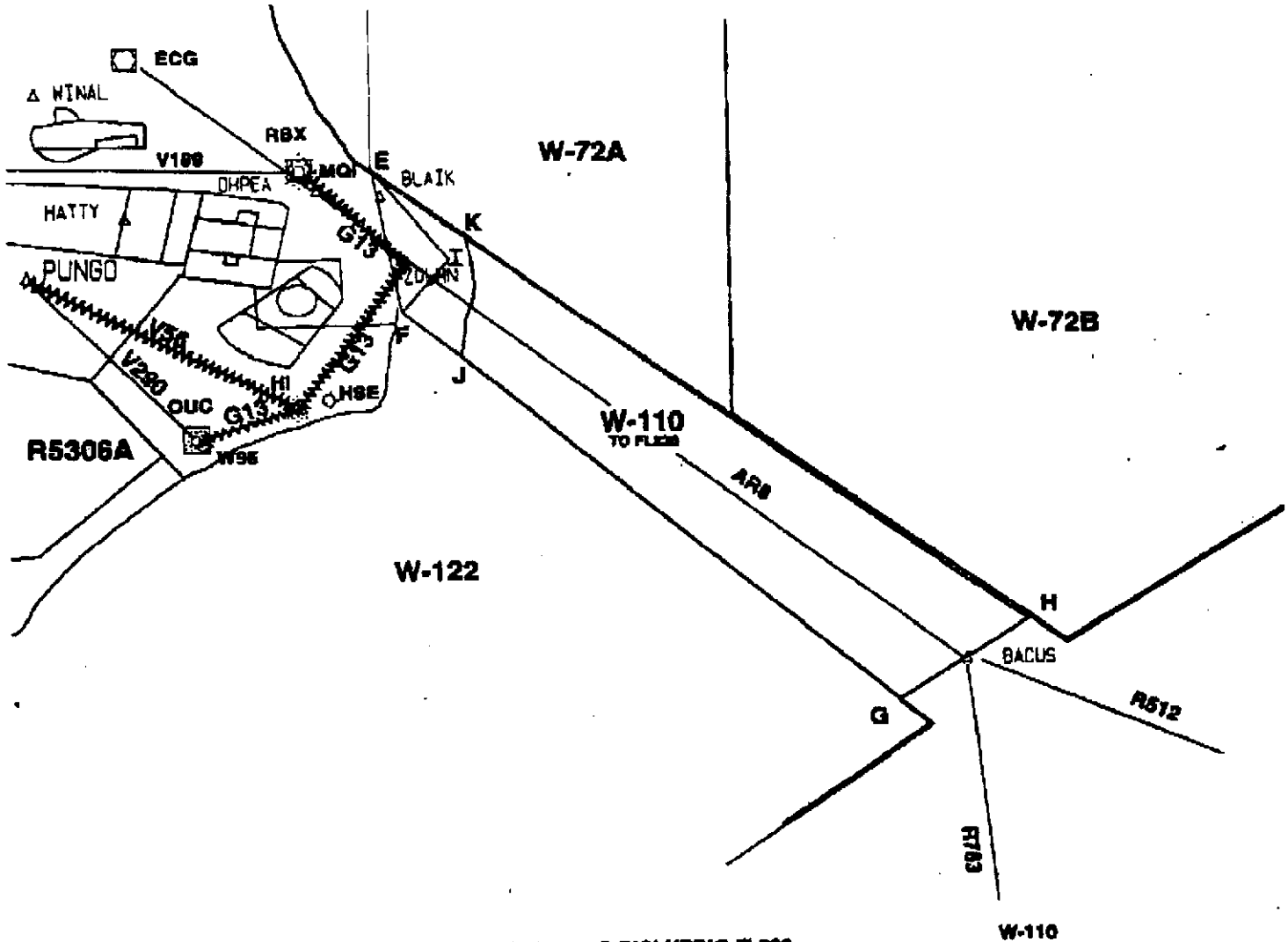
- A 37 00 21 / 75 28 59
 - B 36 48 00 / 75 30 00
 - C 36 47 16 / 74 35 58
 - D 37 04 54 / 74 35 59
- to point of beginning

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ATTACHMENT 5
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AIRSPACE DELEGATED BY WASHINGTON CENTER TO FACSFAC VACAPES



11,000 FT. TO AND INCLUDING FL230
WITHIN THE AIRSPACE DEFINED BY
THE FOLLOWING POINTS:

- E- 35 58 01 / 75 29 59
 - I- 35 39 16 / 75 16 59
 - F- 35 30 01 / 75 24 59
- to point of beginning

SURFACE TO AND INCLUDING FL230
WITHIN THE AIRSPACE DEFINED BY
THE FOLLOWING POINTS:

- E- 35 58 01 / 75 29 59
 - I- 35 39 16 / 75 16 59
 - F- 35 30 01 / 75 24 59
 - J- 35 21 30 / 75 18 07
- THENCE NORTH ALONG
A LINE 12 NM FROM AND
PARALLEL TO THE SHORELINE
(35 22 15 / 75 15 00; 35 29 00 / 75 14 30;
35 32 00 / 75 13 45; 35 35 00 / 75 13 00;
35 38 50 / 75 13 30)
- K- 35 44 00 / 75 15 00
- to point of beginning

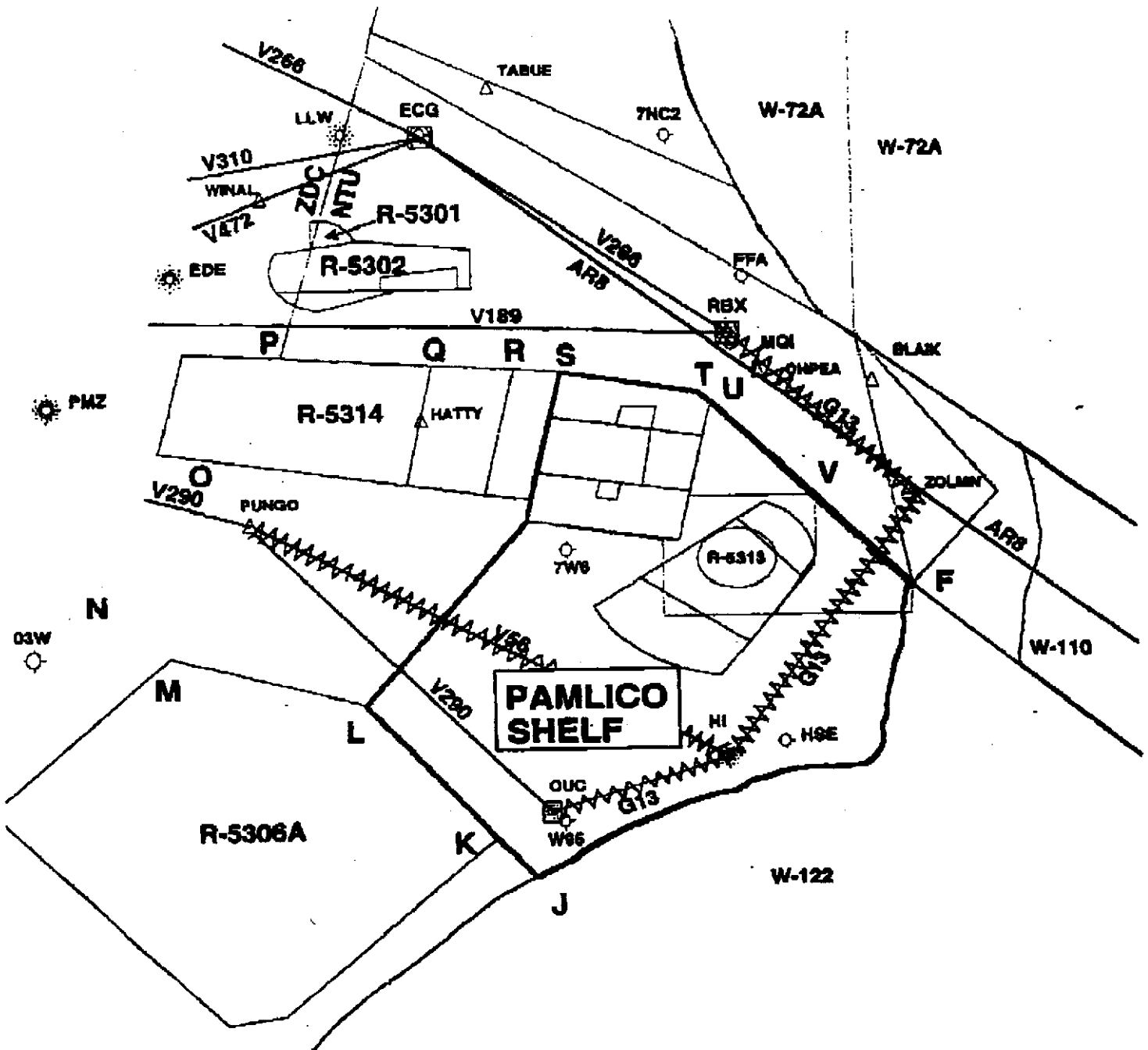
SURFACE TO AND INCLUDING FL230
WITHIN THE AIRSPACE DEFINED BY
THE FOLLOWING POINTS:

- J- 35 21 30 / 75 18 07
- THENCE NORTH ALONG A
LINE 12 NM FROM AND
PARALLEL TO THE SHORELINE
(35 22 15 / 75 15 00; 35 29 00 / 75 14 30;
35 32 00 / 75 13 45; 35 35 00 / 75 13 00;
35 38 50 / 75 13 30)
- K- 35 44 00 / 75 15 00
 - H- 34 33 11 / 73 40 48
 - G- 34 18 48 / 74 02 25
- to point of beginning

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AIRSPACE DELEGATED BY WASHINGTON CENTER TO FACSFAC VACAPES

PAMLICO SHELF-15,000-FL230

Boundaries, beginning at
 F 35 30 01 75 24 59;
 to 3 NM from and parallel to shoreline to:
 J 35 00 31 76 00 59;
 K 35 04 31 76 04 29;
 L 35 18 18 76 16 39;
 X 35 36 46 76 01 19;
 W 35 38 55 76 00 52;
 S 35 51 36 75 57 54;
 T 35 49 31 75 44 59;
 U 35 48 31 75 43 39;
 V 35 39 01 75 33 59;
 to the point of beginning

AR9
 SURFACE TO UNLIMITED AR9
 WITHIN THE AIRSPACE DEFINED
 BY THE FOLLOWING POINTS

- A 37 00 00 / 75 30 00
- B 36 49 00 / 75 30 00
- C 36 42 04 / 72 40 00
- D 37 13 39 / 72 40 00

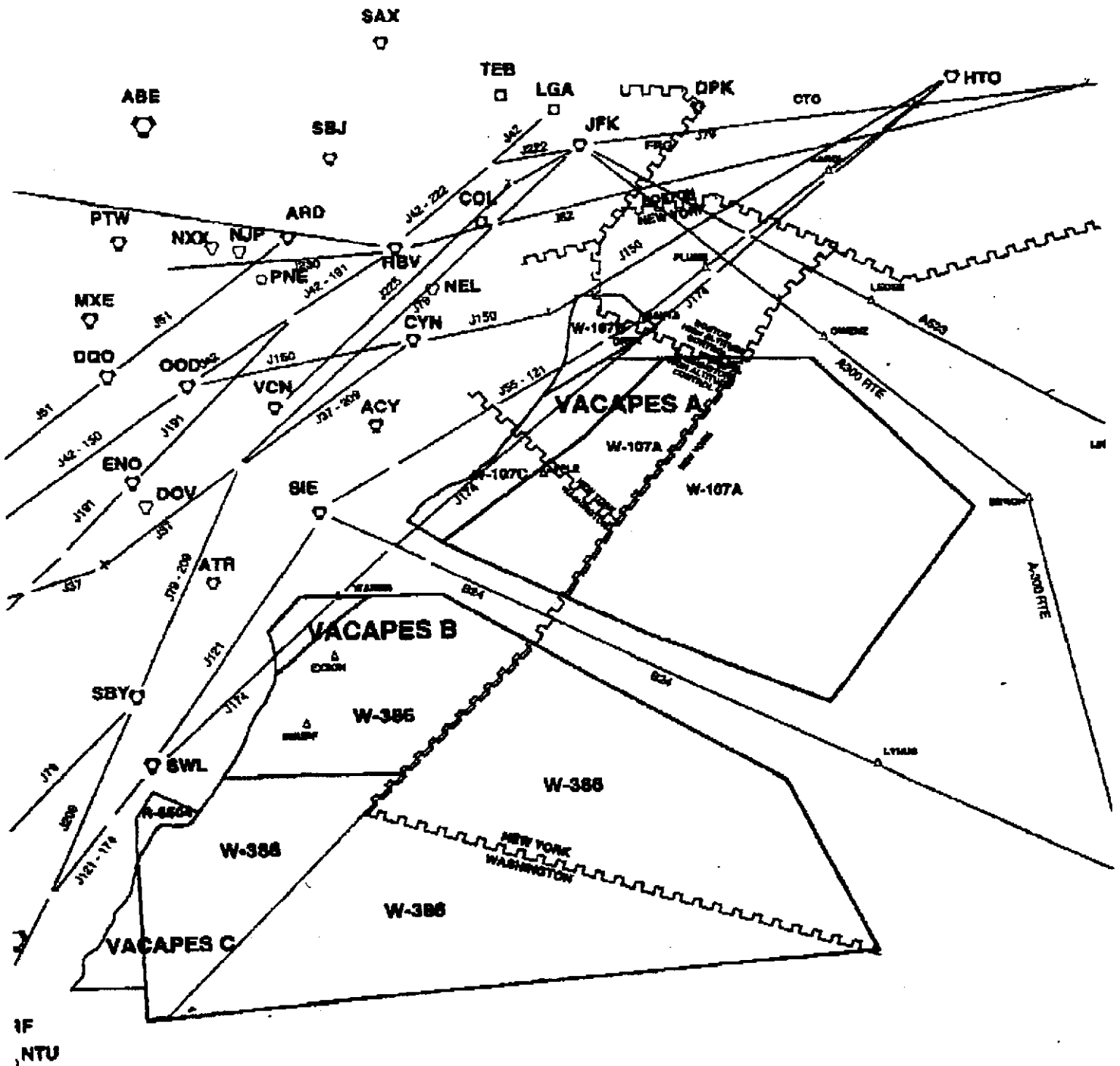
AR8
 SURFACE TO & INCLUDING FL230
 WITHIN THE AIRSPACE DEFINED
 BY THE FOLLOWING POINTS

- E 35 55 00 / 75 30 00
- F 35 29 30 / 75 25 00
- G 34 18 47 / 74 02 27
- H 34 33 10 / 73 40 50

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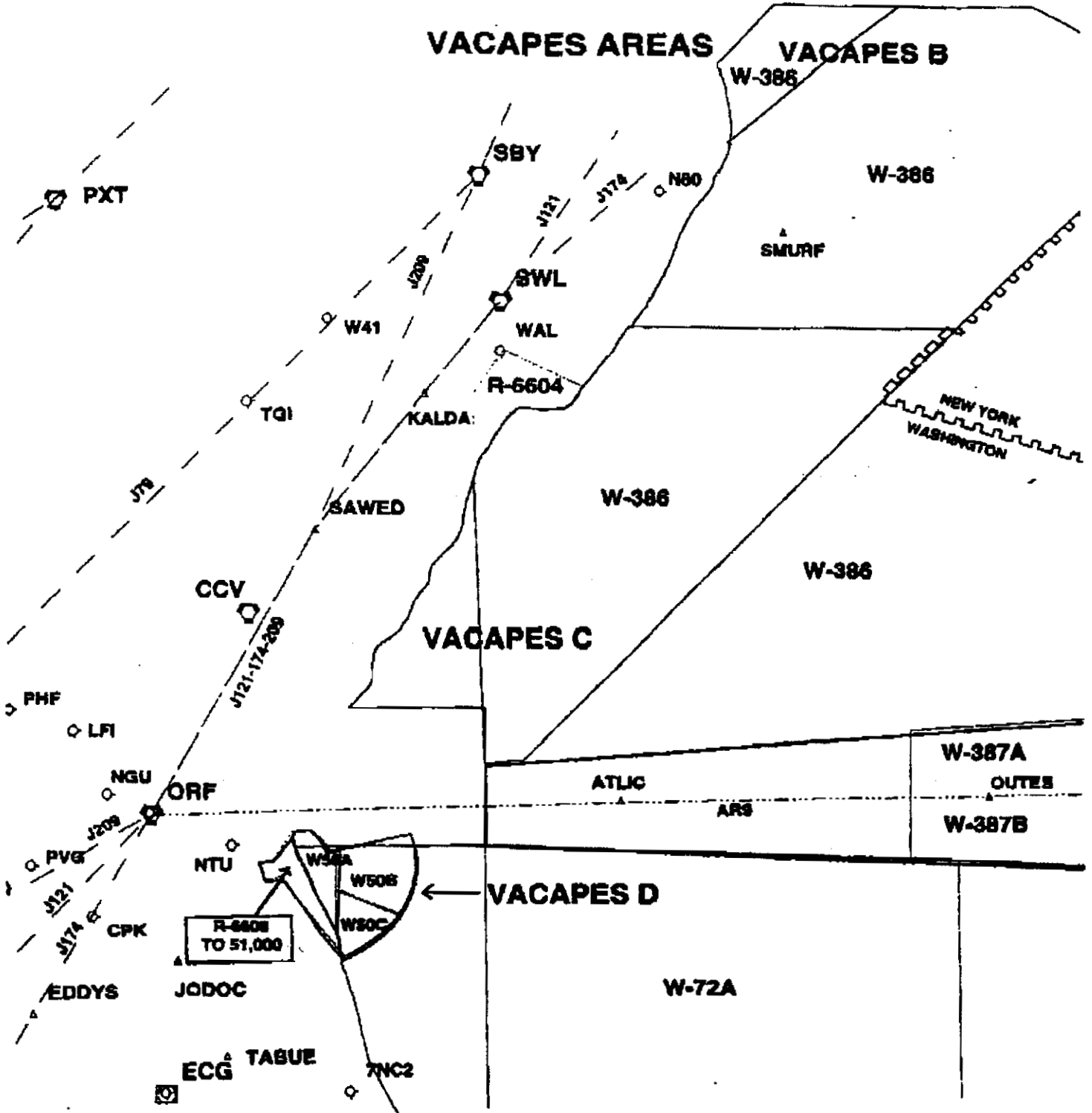
VACAPES AREAS



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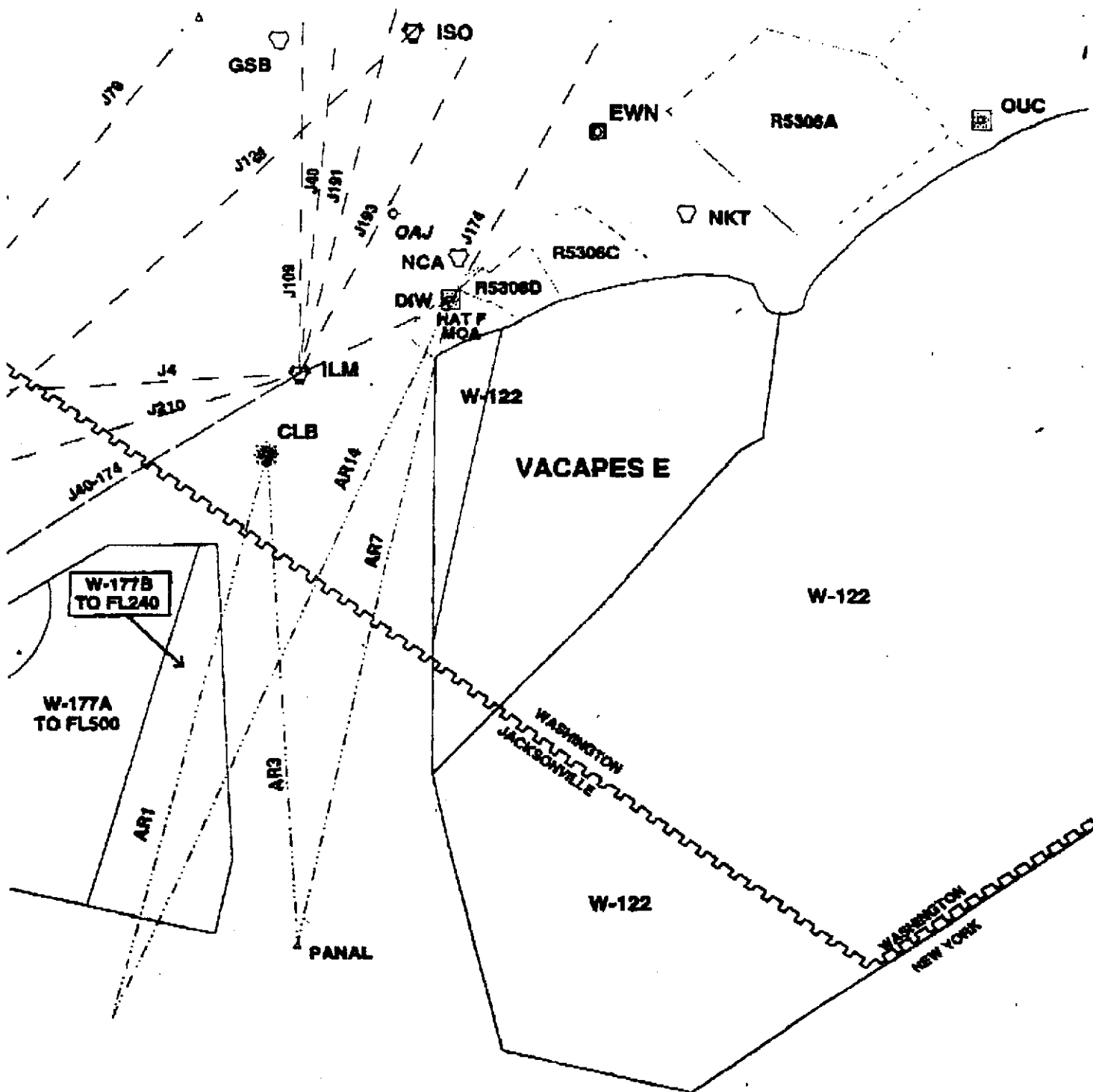
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VACAPES AREAS



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EAST COAST SEVERE WEATHER AVOIDANCE PLAN AREAS

Warning areas will be subdivided and identified as follows:

VACAPES ALPHA (W-107)

Boundaries: Beginning at Lat. 39 09 00 N, Long. 74 37 00 W;
Lat. 39 44 00 N, Long. 73 41 00 W;
Lat. 39 44 00 N, Long. 73 17 00 W;
Lat. 39 41 00 N, Long. 73 10 00 W;
Lat. 39 02 05 N, Long. 73 39 30 W;
Lat. 38 44 08 N, Long. 73 51 41 W;
Lat. 38 58 00 N, Long. 74 20 00 W;
to the point of beginning

Available Altitudes: North of Lat. 39 14 00 N, 17,000 feet MSL to FL390, inclusive. South of Lat. 39 14 00 N, FL240 to FL390, inclusive

VACAPES BRAVO (W-386)

Boundaries: Beginning at Lat. 38 36 50 N, Long. 74 59 50 W;
Lat. 38 45 00 N, Long. 74 53 00 W;
Lat. 38 45 00 N, Long. 74 31 15 W;
Lat. 38 45 00 N, Long. 74 20 00 W;
Lat. 38 32 32 N, Long. 73 58 58 W;
Lat. 38 23 05 N, Long. 74 07 57 W;
Lat. 38 00 00 N, Long. 74 30 00 W;
Lat. 38 00 00 N, Long. 75 11 20 W;
thence via a line 3 NM from and parallel
to the shoreline to point of beginning

Available Altitudes: FL290 to FL390, inclusive

VACAPES CHARLIE (W-386)

Boundaries: Beginning at Lat. 38 00 00 N, Long. 75 11 20 W;
Lat. 38 00 00 N, Long. 74 30 00 W;
Lat. 37 00 50 N, Long. 75 25 00 W;
Lat. 37 00 20 N, Long. 75 30 00 W;
Lat. 37 08 00 N, Long. 75 30 00 W;
Lat. 37 08 00 N, Long. 75 47 00 W;
thence via a line 3 NM from and parallel
to the shoreline to point of beginning

Available Altitudes: FL290 to FL390, inclusive

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EFFECTIVE: July 15, 1999

ATTACHMENT 6
PAGE 5

VACAPES DELTA (W-50)

Boundaries: That area which lies more than 3 NM offshore between the outbound bearing of 030T and 075T to a distance of 23,000 yards, and between 075T and 150T to a distance of 30,000 yards from a point at Lat. 36 46 48 N, Long. 75 57 24 W, to exclude the area which lies north of a line between Lat. 36 51 00 N, Long. 75 54 30 W; to Lat. 36 51 05 N, Long. 75 52 10 W

Available Altitudes: FL290 to FL390, inclusive

VACAPES ECHO (W-122)

Boundaries: Beginning at Lat. 34 32 15 N, Long. 76 32 55 W;
Lat. 34 09 15 N, Long. 76 36 00 W;
Lat. 34 06 40 N, Long. 76 40 00 W;
Lat. 33 39 15 N, Long. 77 02 40 W;
Lat. 33 10 00 N, Long. 77 31 00 W;
Lat. 34 23 00 N, Long. 77 30 00 W;
thence 3 NM from and parallel to the shoreline to the point of beginning

Available Altitudes: FL290 to FL390, inclusive

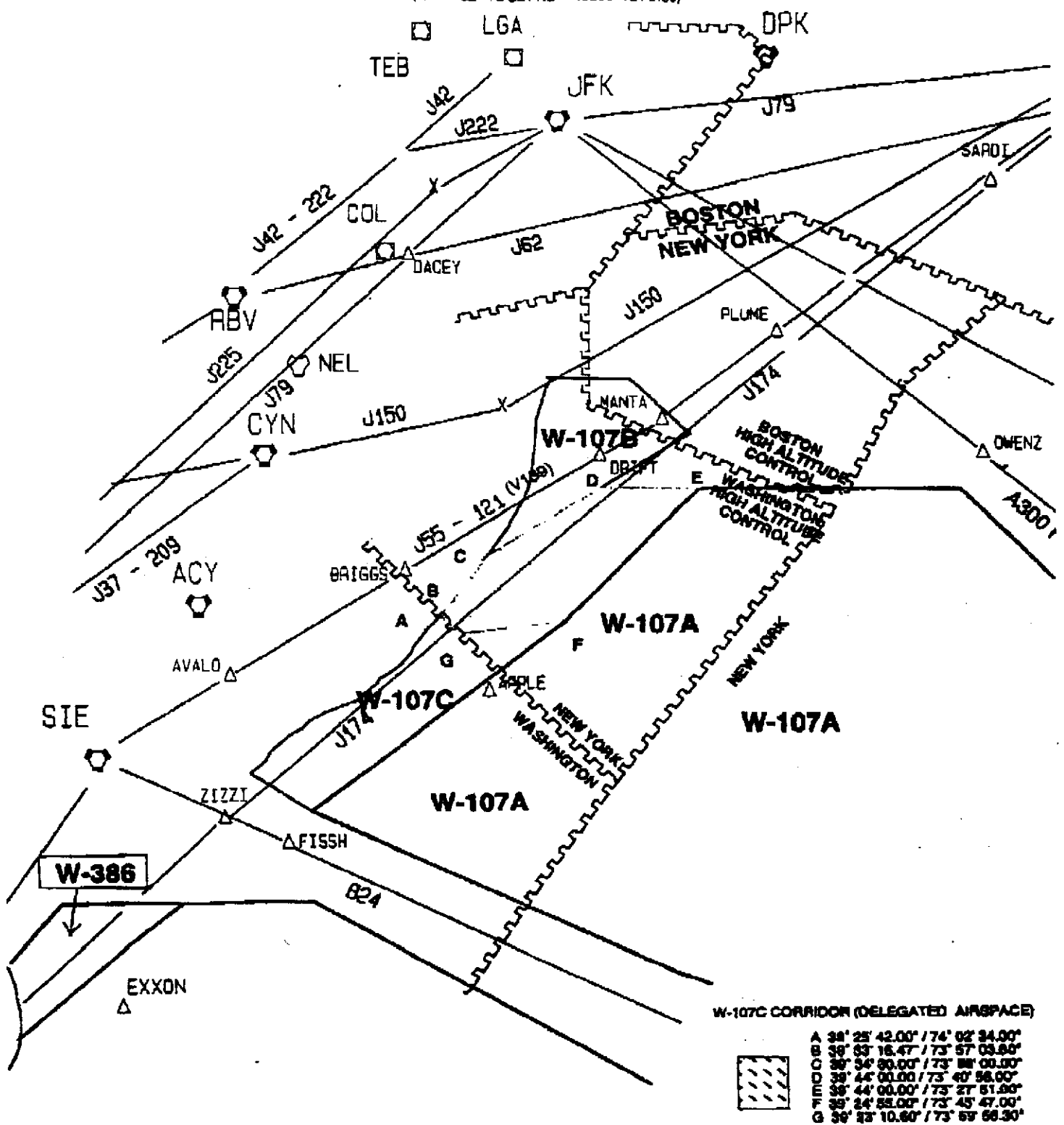
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EFFECTIVE: July 15, 1999

ATTACHMENT 7

W-107C CORRIDOR

(7,000 FEET TO BUT NOT INCLUDING FL180)



W-107C CORRIDOR (DELEGATED AIRSPACE)

A	38° 25' 42.00"	74° 02' 34.00"
B	38° 33' 16.47"	73° 57' 03.86"
C	38° 34' 30.00"	73° 58' 00.00"
D	38° 44' 00.00"	73° 40' 56.00"
F	38° 44' 00.00"	73° 27' 51.00"
E	38° 24' 55.00"	73° 45' 47.00"
G	38° 23' 10.60"	73° 59' 56.30"

ZDC/DNY/ZBW/ZJX/FACSFAC VACAPES LOA

EFFECTIVE: July 18, 1998

ATTACHMENT 8

COORDINATION SECTORS FOR RELEASE OF WARNING AREA AIRSPACE

- W106 - ZBW Mission Coordinator - GP24359
- W106 - ZBW Sector 32 (Sardi)
- W107 - ZDC Sector 59 (Sie Isle)
- W107C Corridor - ZDC Sector 59 (Sie Isle)
- W386 - ZDC Sector 54 (Salisbury)
- W72 - ZDC Sector 34 (Norfolk)
- W50 - ZDC Sector 34 (Norfolk)
- W122 - ZDC Sector 35 (Wilmington)

ZDC/ZNY/ZBW/ZJX/FACSFAC VACAPES LOA

EFFECTIVE: July 15, 1999

COORDINATION SECTORS FOR ACTIVATION OF WARNING AREA AIRSPACE

**W105A - Boston Center Mission Coordinator GP24369
ZNY Sector 86 (Atlantic)/ZNY Sector 65 (Jobac)**

**W105B - ZBW Sector 32 (Sardi)
ZNY Sector 68 (Manta)
ZNY Sector 86 (Atlantic)**

**W106B/C - Boston Center Sector 32 (Sardi)
New York Center Sector 66 (Manta)
New York Center Sector 86 (Atlantic)**

Note: See paragraph 7d(1)(a) for clarification.

**W107 - Washington Center Sector 59 (Sie Isle)
Washington Center Sector 51 (Casino)
New York Center Sector 86 (Atlantic)
New York Center Sector 66 (Manta)**

W107C Corridor - New York Center Sector 66 (Manta)

**W386 - Washington Center Sector 23 (Cape Charles)
Washington Center Sector 54 (Salisbury)
Washington Center Sector 50 (Yorktown)
New York Center Sector 86 (Atlantic)**

**W72 - Washington Center Sector 34 (Norfolk)
Washington Center Sector 50 (Yorktown)**

**W50 - Washington Center Sector 34 (Norfolk)
Washington Center Sector 50 (Yorktown)**

**W122 - Washington Center Sector 35 (Wilmington)
Washington Center Sector 09 (Dixon)
Jacksonville Center Sector 70 (Metta)**

ZDC/ZNY/ZBW/ZJX/FACSFAC VACAPES LOA

EFFECTIVE: July 15, 1999

**ATTACHMENT 9
PAGE 2**

W105A - Boston Center Sector 18 (Cape)
Boston Center Sector 31 (Hampton)
Boston Center Sector 32 (Sardi)
New York Center Sector 86 (Atlantic)
New York Center Sector 65 (Joboc)

W105B - Boston Center Sector 32 (Sardi)
New York Center Sector 66 (Manta)
New York Center Sector 86 (Atlantic)

Note: See paragraph 7e for clarification.

ZDC/ZNY/ZBW/ZJX/FACSFAC VACAPES LOA

EFFECTIVE: July 15, 1999

ATTACHMENT 10

ZDC COORDINATION PROCEDURES

W107

- a. E Area Supervisor
- b. R51
- c. ZBW Sector Hampton

NOTE: Workload permitting the Sector 59 controller will notify ZBW Hampton Sector via PLLJ102221 that W107 is inactive. If the R59 controller is too busy to make the call, he/she shall advise the area supervisor that W107 is inactive and ZBW have not been notified. The E Area Supervisor shall notify ZNY MOS/TMU at (516) 468-1427 or (516) 468-1078 and if the R59 controller is unable ZBW Supervisor at (603) 886-7668 that W107 is inactive.

W107 C Corridor

E Area Supervisor

NOTE: The E Area Supervisor shall notify ZNY MOS/TMU at (516) 468-1427 or (516) 468-1078 that W107 C Corridor is inactive.

W72

E Area Supervisor

NOTE: The E Area Supervisor shall notify ZNY MOS/TMU at (516) 468-1427 or (516) 468-1078 that W72 is inactive.

W386

- a. E Area Supervisor
- b. R51

NOTE: The E Area Supervisor shall notify ZNY MOS/TMU at (516) 468-1427 or (516) 468-1078 that W386 is inactive.

W122

- a. F Area Supervisor
- b. ZJX Metta Sector

NOTE: Workload permitting the Sector 35 controller will notify ZJX Metta Sector via GP 24086 line that W122 is inactive. If the R35 controller is too busy to make the call, he/she shall advise the area supervisor that W122 is inactive and ZJX has not been notified. The F Area Supervisor shall notify ZNY MOS/TMU at (516) 468-1427 or (516) 468-1078 and if the controller is too busy the ZJX North Supervisor at (904) 549-1548 that W122 is inactive.

* As of November 1, 1999, the area code 516 will change to 631.

ZDC/ZNY/ZBW/ZJX/FACSFAC VACAPES LOA

EFFECTIVE: July 15, 1999

ATTACHMENT 11

ZBW RELEASE COORDINATION PROCEDURES

W105

The ZBW Mission Coordinator shall notify the ZNY Military Operations Specialist (MOS) at (516) 468-1427 that W105 is inactive. In the event that the ZNY MOS cannot be reached, the ZBW Mission Coordinator shall notify the Traffic Management Unit (TMU) at (516) 468-1078/79/80.

W106

The ZBW Mission Coordinator shall notify the ZNY MOS at (516) 468-1427 that W105 is inactive. In the event that the ZNY MOS cannot be reached, the ZBW Mission Coordinator shall notify the ZNY TMU at (516) 468-1078/79/80.

* As of November 1, 1999, the area code 516 will change to 631.

ZDC/ZNY/ZBW/ZJX/FACSFAC VACAPES LOA

EFFECTIVE: July 15, 1999



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Heather Ackerman
Air Traffic Manager
Boston ARTC Center

ZDC/ZNY/ZBW/ZJX/FACSFAC VACAPES LOA

EFFECTIVE: July 15, 1999

CHANGE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WASHINGTON ARTCC
LEESBURG, VA 20176-4496

ZDC/ZNY/ZBW/ZJX/
FACSFAC VACAPES
LOA REV: 1

DEC 14 1999

SUBJ: WASHINGTON CENTER, NEW YORK CENTER, BOSTON CENTER, JACKSONVILLE CENTER, AND FACSFAC VACAPES ATCF LETTER OF AGREEMENT

1. **PURPOSE.** This change transmits revision 1 to the Washington Center, New York Center, Boston Center, Jacksonville Center, and FACSFAC VACAPES ATCF Letter of Agreement for Interfacility Coordination and Control Procedures for Operations in ATC Assigned Airspace (ATCAA), Special Use Airspace (SUA), Extended Controlled Airspace, and Severe Weather Avoidance Plan (SWAP) Areas, effective July 15, 1999.
2. **DISTRIBUTION.** This revision is distributed to all B, E, and F area personnel, STMCIC, TMU, MOS, facility read files, Boston Center, Jacksonville Center, and New York Center.
3. **EFFECTIVE DATE.** January 9, 2000.
4. **EXPLANATION OF CHANGE.** Attachment 4, page 2, Transfer of Control Information, under W386 the FACSFAC frequency has been changed to 127.65 per FACSFAC VACAPES request.

PAGE CONTROL CHART

REMOVE	DATED	INSERT	DATE
Attachment 4 Page 2	7/15/99	Attachment 4 page 2	1/9/00

[Handwritten signature]
 Charles R. Reavis
 Air Traffic Manager

Distribution: ZDC-540 . B, E, F, O, T, R; MOS; ZBW; ZJX; ZNY

Initiated By: ZDC-530

CHANGE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WASHINGTON ARTCC
LEESBURG, VA 20176-4496

ZDC/ZNY/ZBW/ZJX
FACSFAC VACAPES
LOA REV 2

FEB 08 2000

SUBJ: WASHINGTON CENTER, NEW YORK CENTER, BOSTON CENTER, JACKSONVILLE CENTER, AND FACSFAC VACAPES ATCF LETTER OF AGREEMENT

- 1. PURPOSE.** This change transmits revision 2 to the Washington Center, New York Center, Boston Center, Jacksonville Center, and FACSFAC VACAPES ATCF Letter of Agreement for Interfacility Coordination and Control Procedures for Operations in ATC Assigned Airspace (ATCAA), Special Use Airspace (SUA), Extended Controlled Airspace, and Severe Weather Avoidance Plan (SWAP) Areas, effective July 15, 1999.
- 2. DISTRIBUTION.** This revision is distributed to all Area 2, 5, 6, and 8 personnel, STMCIC, TMU, MOS, facility read files, Boston Center, Jacksonville Center, and New York Center.
- 3. EFFECTIVE DATE.** February 21, 2000.
- 4. EXPLANATION OF CHANGE.** Attachment 4, page 2, Transfer of Control Information, under W388 the FACSFAC frequency has been changed back to 118.125 due to frequency interference problems FACSFAC VACAPES ran into when they started using the frequency in W388. Also, same page under W-122 FACSFAC Frequency has been corrected to show 251.6 as the UHF frequency.

PAGE CONTROL CHART

REMOVE	DATED	INSERT	DATE
Attachment 4 Page 2	1/9/00	Attachment 4 page 2	2/21/00

[Handwritten signature]
Charles R. Reeve
Air Traffic Manager

Distribution: ZDC-540, 2, 5, 6, 8, O, T, R; MOS; ZBW; ZJX; ZNY; FACSFAC VACAPES Initiated By: ZDC-530