

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 08/10/2023	APWS Task ID: 4FF072CDAB604F36A1E555A22B9FC728	APWS Project ID: D6410C30F85141F29095202464FD2F54
Procedure: ALBANY EIGHT DEPARTURE		Enroute: YES	Specialist: Martinez, Rafael		Agreement Number:
Airport ID: KALB			Airport City: ALBANY		State: NY
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
Procedure Comments: ACTIVE DATA USED FOR KALB AIRPORT AND RUNWAYS (07/16/2020). CANCEL T-NOTAM 3/0195. APPROVAL LETTER REQUEST FOR RWY 28 CLIMB GRADIENT GREATER THAN 500 FT PER NM. CONTACT: JOHNNIE BAKER: 405-202-5148/DAVID TEFFETELLER 202-267-5177. QUALITY 38 CHECKED QUALITY 8 CHECKED					

(ALB8.ALB) FIG

ALBANY EIGHT DEPARTURE

AL-10 (FAA)

ALBANY INTL (ALB)
ALBANY, NEW YORK

D-ATIS 120.45
CLNC DEL
127.5
GND CON
121.7 348.6
ALBANY TOWER
119.5 257.8

TAKEOFF MINIMUMS:

Rwy 1: Standard.

Rwy 10: 300-1 $\frac{1}{8}$ with minimum climb of 275'
per NM to 3000 or Standard with
minimum climb of 378' per NM to 2000.

Rwy 19: Standard.

Rwy 28: 300-1 $\frac{1}{8}$ with minimum climb of 275'
per NM to 3000 or Standard with
minimum climb of 525' per NM to 1500.

RADAR required.

**TOP ALTITUDE:
4000**

SYRACUSE
117.0 SYR
Chan 117
N43°09.63'-W76°12.27'
L-32, H-11-12

△ ARNII
N43°15.00'
W74°20.00'
H-11-12

BURLINGTON
117.5 BTW
Chan 122
N44°23.83'-W73°10.96'
L-32, H-11-12

✧ PAYGE
N43°00.84'
W74°15.21'
L-32, H-11-12

GALWA
N43°00.57' △
W74°00.58'
L-32

GARDNER
110.6 GDM
Chan 43
N42°32.76'-W72°03.49'
L-33-34, H-11-12

△ CEDOR
N42°44.77'
W74°18.50'
L-32-33

ALBANY
115.3 ALB
Chan 100
N42°44.84'-W73°48.19'
L-32-33-34, H-10-11-12

△ CANAN
N42°29.57'
W73°26.80'
L-33-34

PROTOTYPE-NOT
FOR NAVIGATION

AGNEZ
N42°13.55'
W74°11.31' △
L-33-34

△ ACOVE
N42°14.09'
W74°01.91'
L-33-34
H-10-11-12

△ ATHOS
N42°14.82'
W73°48.73'
L-33-34,
H-10-11-12

NELIE
N41°56.46'
W72°41.31'
L-33-34,
H-10-11-12
△

DELANCEY
112.1 DNY
Chan 58
N42°10.70'-W74°57.42'
L-33, H-10-11-12

△ JEFF
N41°14.77'
W74°27.72'
H-10-12

PAWLING
114.3 PWL
Chan 90
N41°46.19'-W73°36.03'
L-33-34 H-10-12

SPARTA
115.7 SAX
Chan 104
N41°04.05'-W74°32.30'
L-33-34, H-10-12

DBABE
N41°08.50'
W74°05.77'
H-10-12

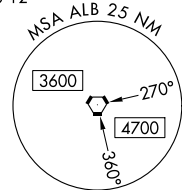
KINGSTON
117.6 IGN
Chan 123
N41°39.93'-W73°49.33'
L-33-34, H-10-12

CARMEL
116.6 CMK
Chan 113
N41°16.81'-W73°34.88'
L-33-34, H-10-12

KENNEDY
115.9 JFK
Chan 106
N41°37.97'-W73°46.28'
L-33-34, H-10-12

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.



ALBANY EIGHT DEPARTURE

(ALB8.ALB) FIG

ALBANY, NEW YORK
ALBANY INTL (ALB)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climb on heading 011°, thence....

TAKEOFF RWY 10: Climb on heading 101°, thence....

TAKEOFF RWY 19: Climb on heading 191°, thence....

TAKEOFF RWY 28: Climb on heading 281°, thence....

.... on RADAR vectors to assigned route/fix. Maintain 4000. Expect clearance to requested altitude/flight level 10 minutes after departure. Turbojets filed over ACOVE, ARNII, DBABE, JEFFE, PAYGE, SYR VORTAC, SAX VORTAC, JFK VOR/DME, CMK VOR/DME, PWL VOR/DME, IGN VOR/DME requesting flight levels, expect a vector to the vicinity of the ALB VORTAC R-343/25 DME (or GALWA), expect on course leaving 14000.

PROTOTYPE-NOT FOR NAVIGATION

ALBANY SEVEN DEPARTURE

AL-10 (FAA)

ALBANY INTL (ALB)
ALBANY, NEW YORK

D-ATIS 120.45
CLNC DEL
127.5
GND CON
121.7 348.6
ALBANY TOWER
119.5 257.8

TOP ALTITUDE:
4000

TAKEOFF MINIMUMS:

Rwy 1: Standard.
Rwy 10: Standard with minimum
climb of 365' per NM to 1300.
Rwy 19: Standard with minimum
climb of 400' per NM to 1100.
Rwy 28: Standard with minimum
climb of 471' per NM to 900.

SYRACUSE
117.0 SYR
Chan 117
N43°09.63'-W76°12.27'
L-32, H-11-12

BURLINGTON
117.5 BTW
Chan 122
N44°23.83'-W73°10.96'
L-32, H-11-12

GALWA
N43°00.57'
W74°00.58'
L-32

GARDNER
110.6 GDM
Chan 43
N42°32.76'-W72°03.49'
L-33-34, H-11-12

CEDOR
N42°44.77'
W74°18.50'
L-32-33

ALBANY
115.3 ALB
Chan 100
N42°44.84'-W73°48.19'
L-32-33-34, H-10-11-12

AGNEZ
N42°13.55'
W74°11.31'
L-33-34

CANAN
N42°29.57'
W73°26.80'
L-33-34

ACOVE
N42°14.09'
W74°01.91'
L-33-34
H-10-11-12

ATHOS
N42°14.82'
W73°48.73'
L-33-34,
H-10-11-12

NELIE
N41°56.46'
W72°41.31'
L-33-34,
H-10-11-12

DELANCEY
112.1 DNY
Chan 58
N42°10.70'-W74°57.42'
L-33, H-10-11-12

PAWLING
114.3 PWL
Chan 90
N41°46.19'-W73°36.03'
L-33-34 H-10-12

DBABE

NOTE: RADAR required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ALBANY SEVEN DEPARTURE

(ALB7.ALB) 19JUL18

ALBANY, NEW YORK
ALBANY INTL (ALB)

NE-2, 24 FEB 2022 to 24 MAR 2022

NE-2, 24 FEB 2022 to 24 MAR 2022



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climb heading 011°, thence....
TAKEOFF RWY 10: Climb heading 110°, thence....
TAKEOFF RWY 19: Climb heading 191°, thence....
TAKEOFF RWY 28: Climb heading 281°, thence....

.... on RADAR vectors to assigned route/fix. Maintain 4000. Expect clearance to requested altitude/flight level 10 minutes after departure. Turbojets filed over ACOVE, ARNII, DBABE, JEFFE, PAYGE, SYR, SAX, JFK, CMK, PWL, IGN, requesting flight levels, expect a vector to the vicinity of the ALB, R-343/25 DME (or GALWA) expect on course leaving 14000.

NE-2, 24 FEB 2022 to 24 MAR 2022

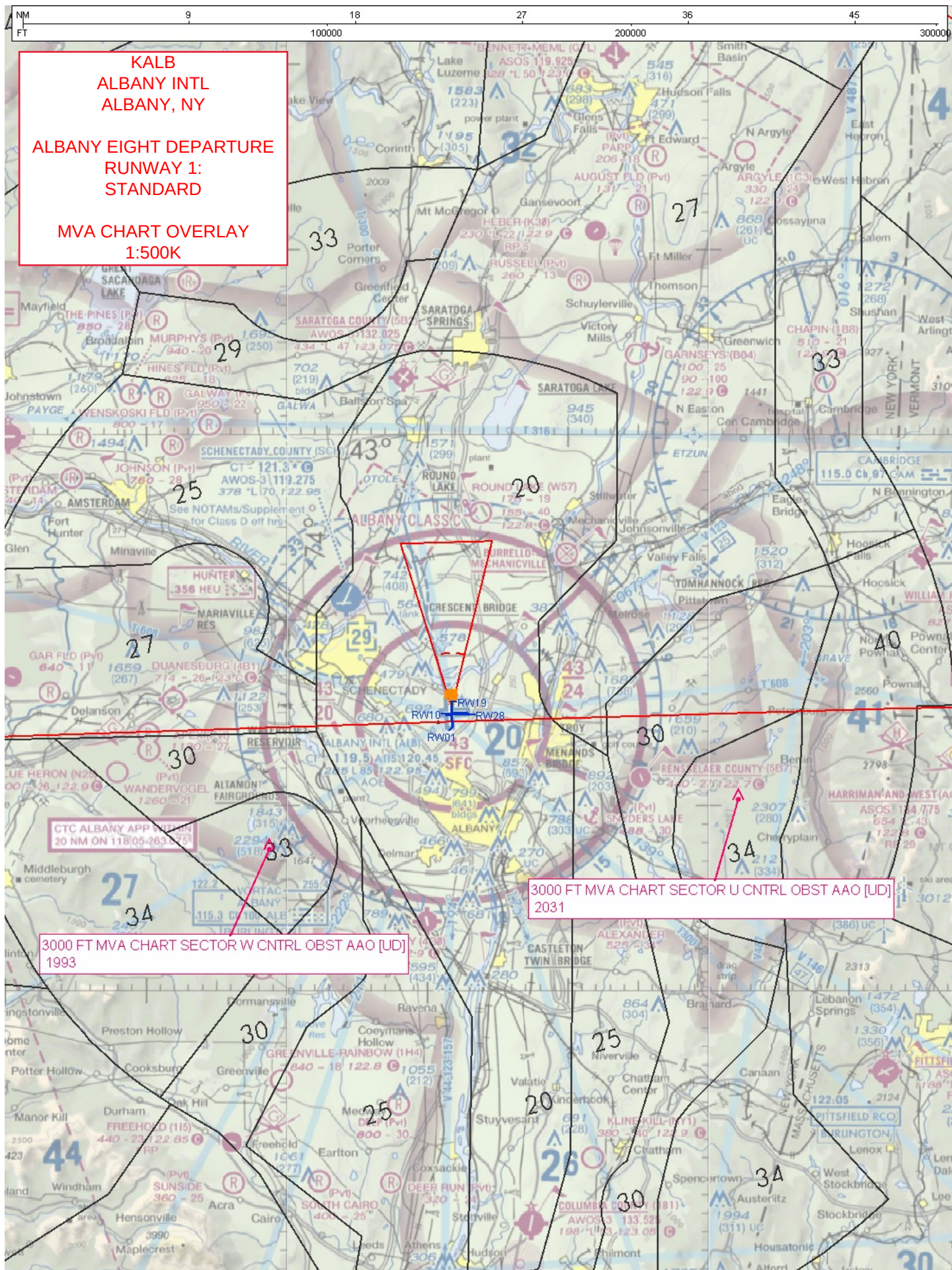
NE-2, 24 FEB 2022 to 24 MAR 2022

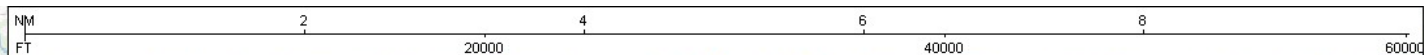
ALBANY EIGHT SID, Albany INTL, Albany, NY.
RWY 28 TAKEOFF MINIMUMS

Climb gradient exceeds 500 feet per NM, 8260.3E, Para. 13-1-4.A.

Applying standard ceiling and visibility minimums, the TARGETS obstacle computed climb gradient is 525 FT/NM to 600. The obstacle driving this climb gradient is a 492 MSL TREE 36-161330 located 0.67 SM from runway 10 DER. The 525 climb gradient termination altitude was increased to 1500 to ensure aircraft reach the 3000 Ft MVA sector within 10 NM to meet dead reckoning limitation criteria and allow vectoring by ATC.

Request approval to publish a minimum climb gradient of 525 Ft/NM to 1500. This allows operations from this runway when the ceiling and visibility of 300 - 1 3/8 with minimum climb of 275 FT/NM to 3000 cannot be used. The location of the obstacle makes it impossible to design a departure to avoid this penetration.





KALB
ALBANY INTL
ALBANY, NY

ALBANY EIGHT DEPARTURE
RUNWAY 1:
STANDARD

MVA CHART OVERLAY
1:100K

