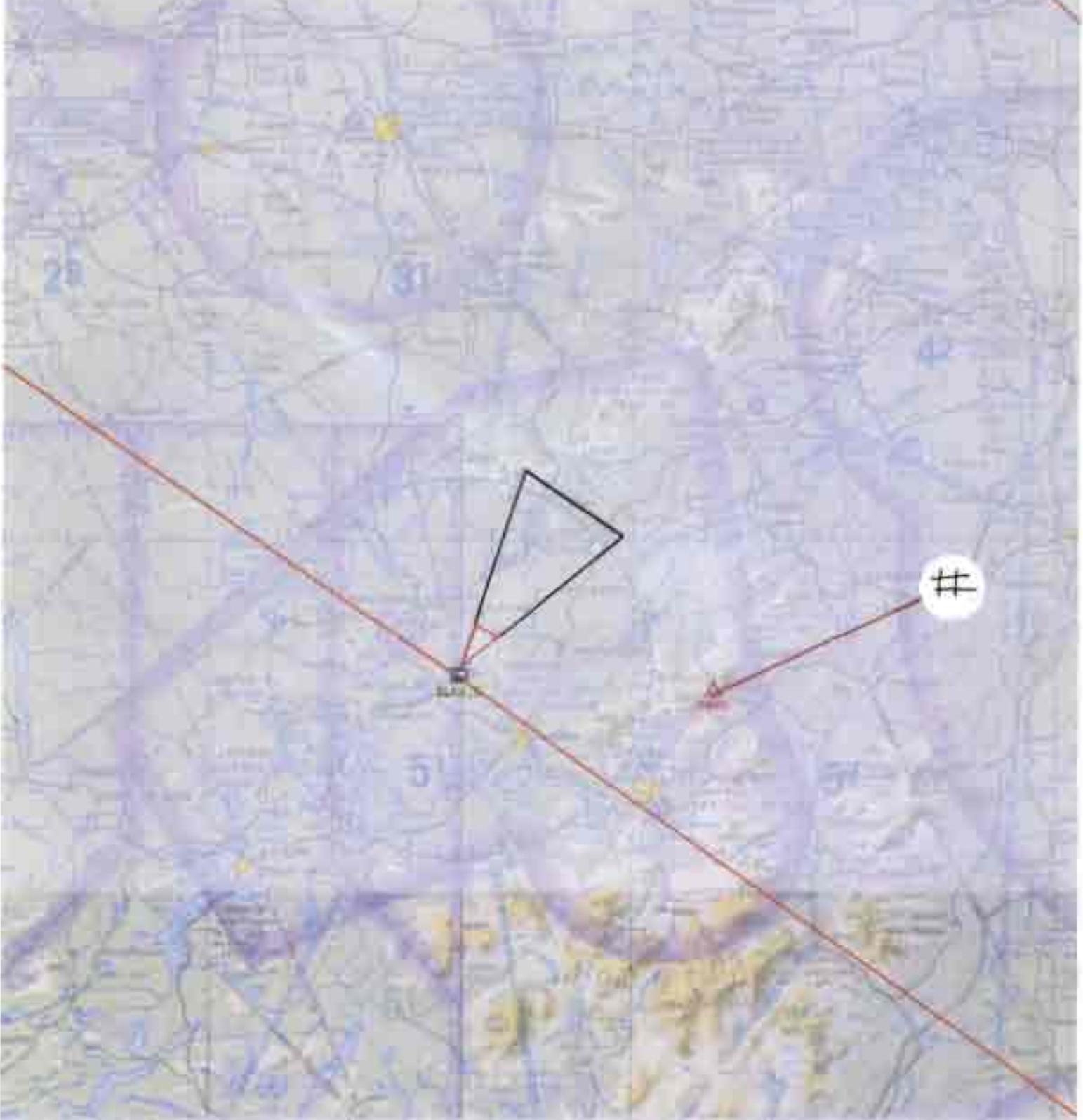


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: DP	Date Open: 04/19/2010	Task #: 2010041924849101001	Request #: 20100419248491
Procedure: DP SARANAC LAKE NY KSLK AMDT 7			Airport ID: KSLK	Airport: ADIRONDACK REGIONAL		Reimbursable #:
City: SARANAC LAKE		ST: NY		GPS #:	Estimated Chart Date: 04/05/2012	FICO #:
Fac ID:	Fac. Type: <i>Proc T</i>		Specialist: SEAN BARBEE			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	04/19/2010	10/24/2011	STEVEN SZUKALA	<i>P3</i>
QA:	10/24/2011	10/24/2011	STEVEN SZUKALA	
Liaison:	10/24/2011		<i>Terrell</i>	

Procedure Comments:	NON-ENROUTE	Remark Type: INFORMATION	<i>pkj/ef</i>
<p>SARANAC LAKE, NY ADIRONDACK REGIONAL (KSLK) TAKEOFF DEP/MINS, AMDT 7 ENROUTE-NO FC: 12.27.11 PUB: 2.9.12</p> <p>ATTACHED FORMS: 8260-15A; 8260-2(S): SARANAC LAKE (SLK) VDME, REV 5.</p> <p>CONTACT: DON SMITH, JILL OLSON, AJV-352 LEADS, 405.954.1036/0414:</p>			

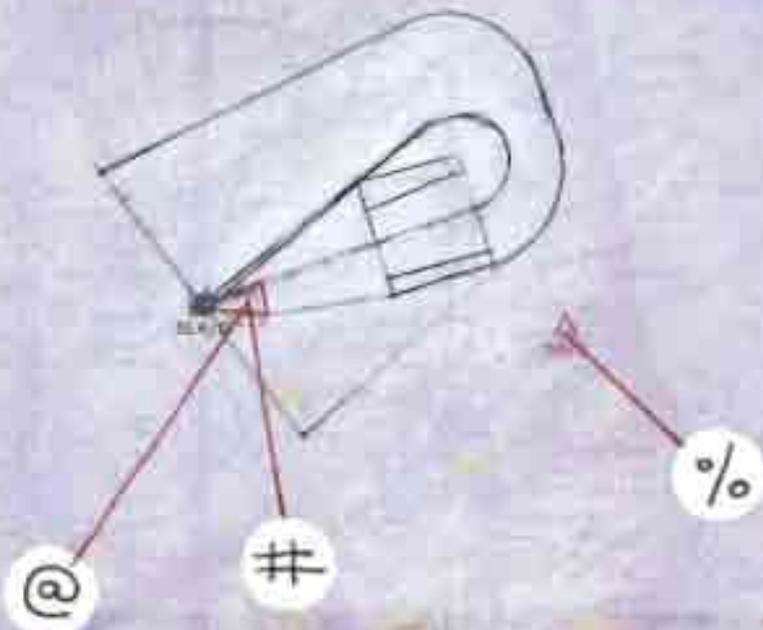


Arjen ID	KSLK			
App Name	Adirondack Regt	No.	SLMERT	DESCRIPTION
City	Saratoga Lake	Runway 5		
State	NY	#	Stream A (EG & Creek to adjacent)	AAO
Proj ID	Take-off Sites & Other Separators			
Acct #	0			
Scale	1:500,000			

NM 7 14 21 28 35 42 49
 FT 42000 84000 126000 168000 210000 252000 294000

fposbb | alk_0009 (PROD) | 17 Oct 2011 12:50:15 | 1" = 41666.7 feet (MAP)

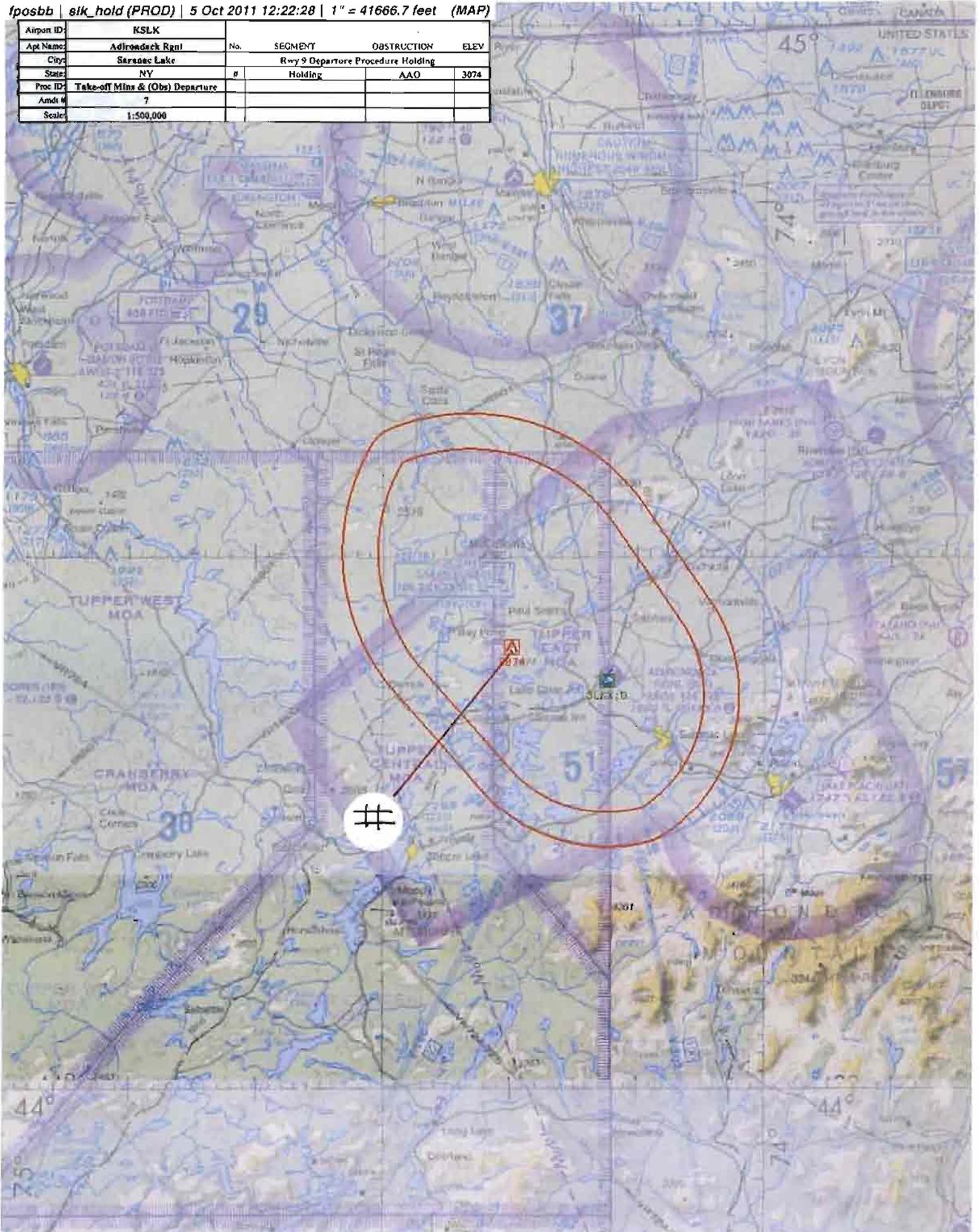
Access ID	6256				
Access Name	Admission Road	%	CONCRETE	CONSTRUCTION	6256
City	Sarasota Lake		Key 3 Inspection Worksheet		
Year	04	4	Color	Year (L-401000)	3221
Year 2	Take-off Mile & (Dca) Overlays	6	Visibility	Year (NSLKT3276)	1638
Year 3	7	4	ODP Route	AAO	3886
State	1388340				



NM 7 14 21 28 35 42 49
 FT 42000 84000 126000 168000 210000 252000 294000

iposbb sik_hold (PROD) | 5 Oct 2011 12:22:28 | 1" = 41666.7 feet (MAP)

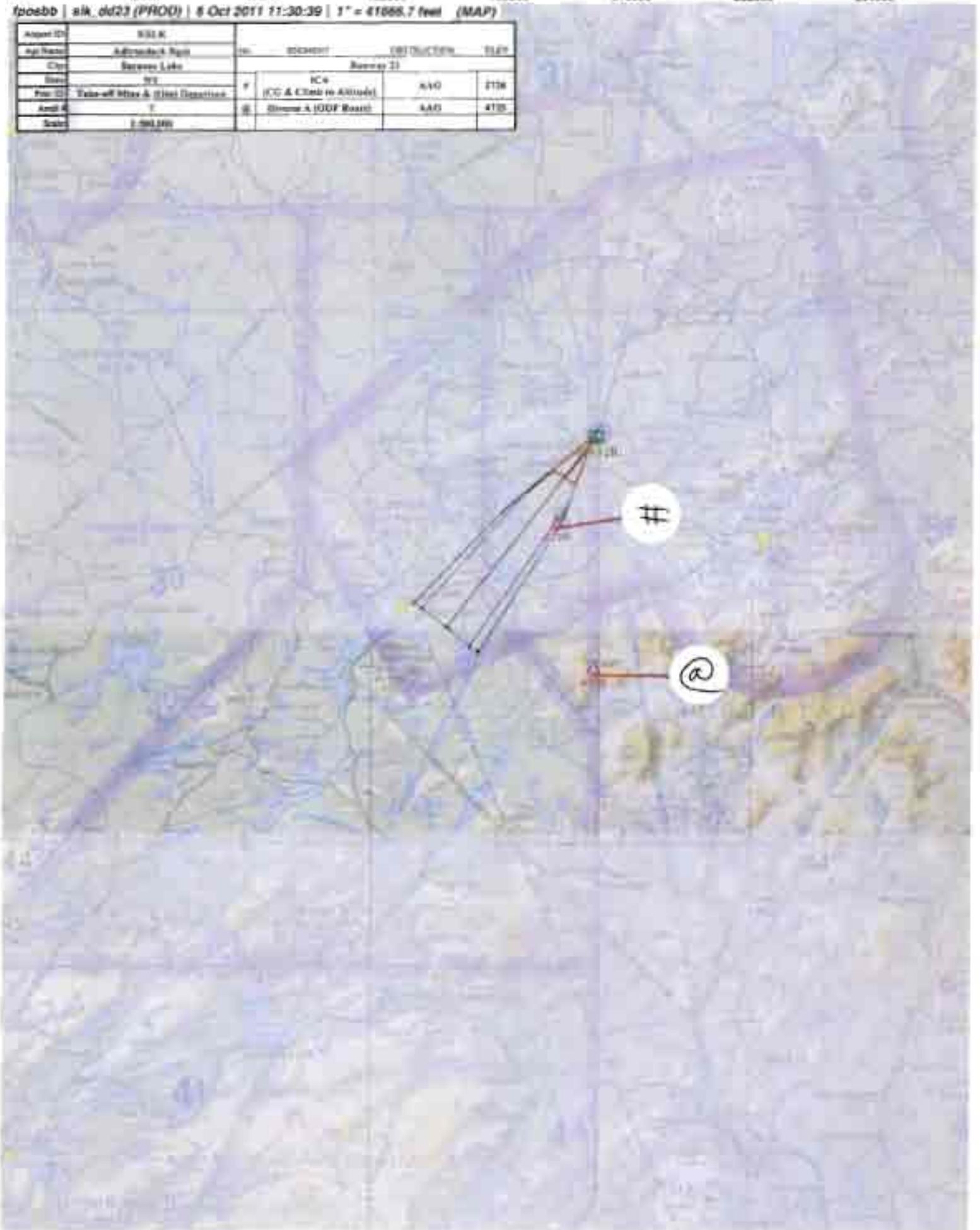
Airport ID:	KSLK				
Apt Name:	Adirondack Rgnl	No.	SEGMENT	OBSTRUCTION	ELEV
City:	Saranac Lake	Rwy 9 Departure Procedure Holding			
State:	NY	#	Holding	AAO	3074
Proc ID:	Take-off Mins & (Obs) Departure				
Amdt #:	7				
Scale:	1:500,000				



NM 7 14 21 28 35 42 49
 FT 42000 84000 126000 168000 210000 252000 294000

fprobb | s/wk_dtd3 (PROD) | 6 Oct 2011 11:30:39 | 1" = 41666.7 feet (MAP)

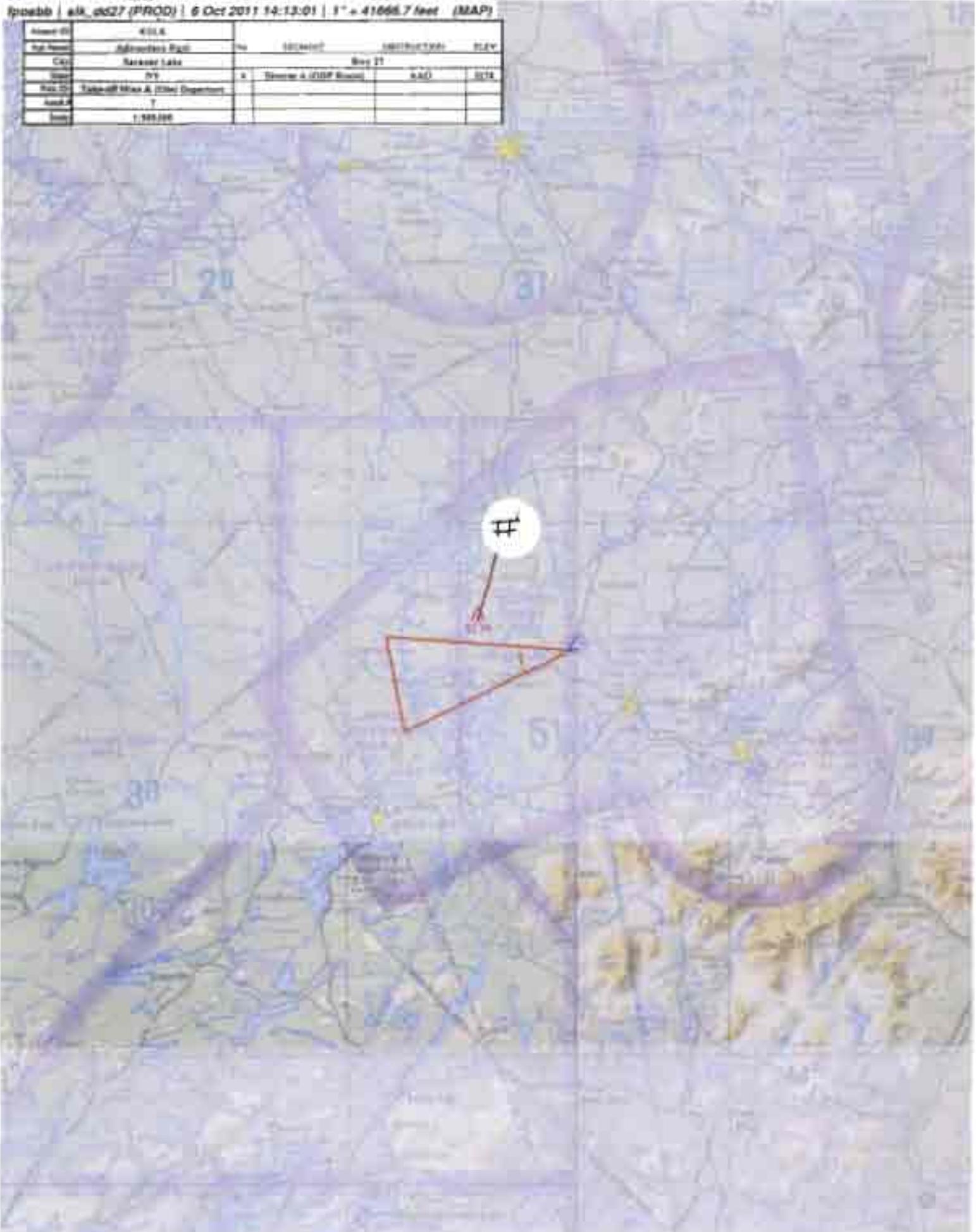
Asset ID	S33 K				
Asset Name	Adirondack Park	NO	DISCOUNT	(B) DUCTIN	SLAT
City	Saratoga Lake				
State	New York				
Post ID	Take-off Point & (Dist Direction)	#	IC#	AAO	ETB
Asset #	1	@	Strong A (ODF Board)	AAO	475
Scale	1:50000				



NAD
FT 42000 94000 126000 158000 210000 242000 294000

spabb | alk_0027 (PROD) | 6 Oct 2011 14:13:01 | 1" = 41666.7 feet (MAP)

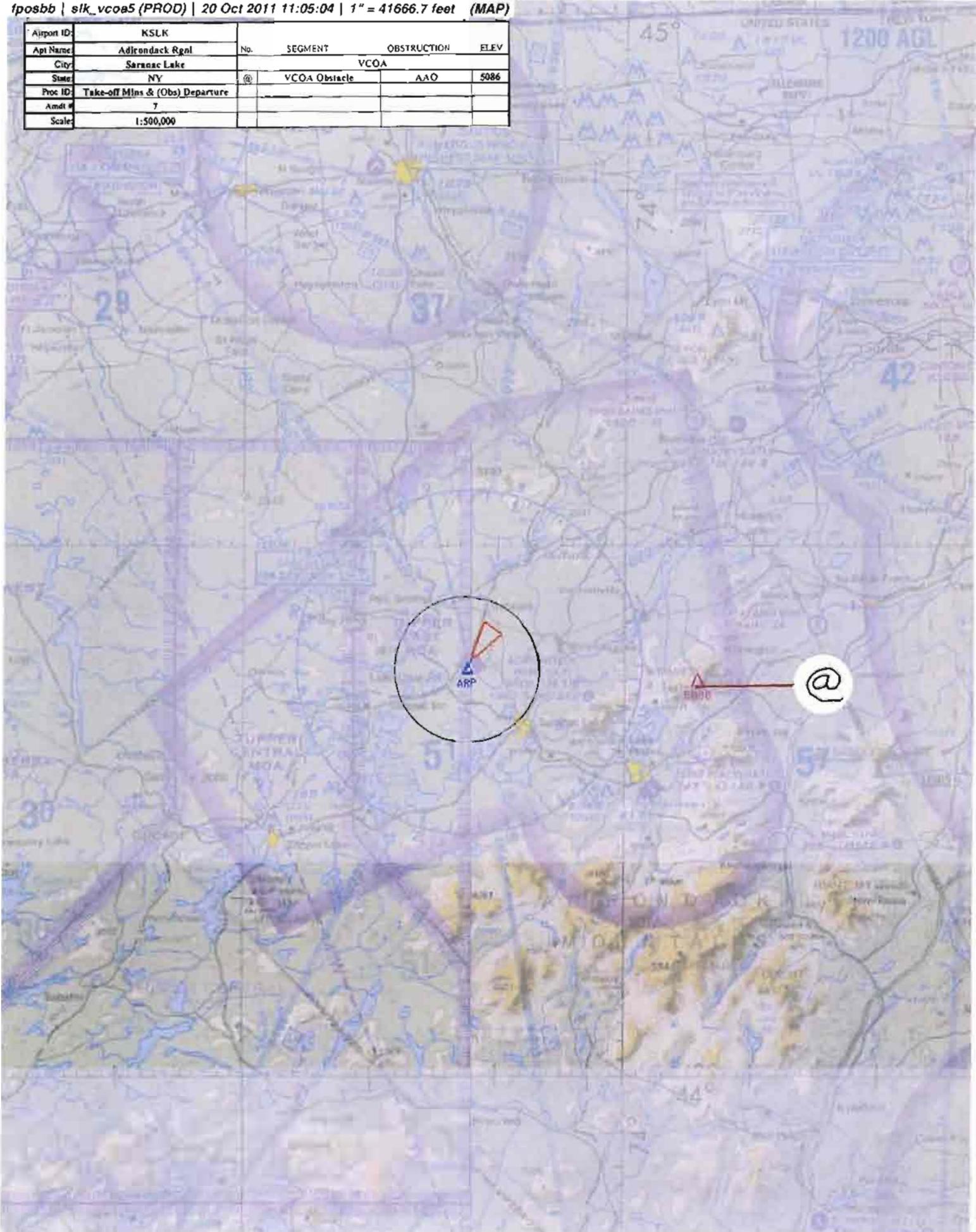
Sheet ID	4016				
File Name	Addressed Page	No	Location	UNIT NUMBER	ELEV
City	Address Label		Box ID		
State	NY	x	Source & (ZIP+4)	SAO	DATE
Map ID	Take-off Map & (State Department)				
Coord. S	7				
Scale	1:500,000				



NM 7 14 21 28 35 42 49
 FT 42000 84000 126000 168000 210000 252000 294000

fposbb | slk_vcoa5 (PROD) | 20 Oct 2011 11:05:04 | 1" = 41666.7 feet (MAP)

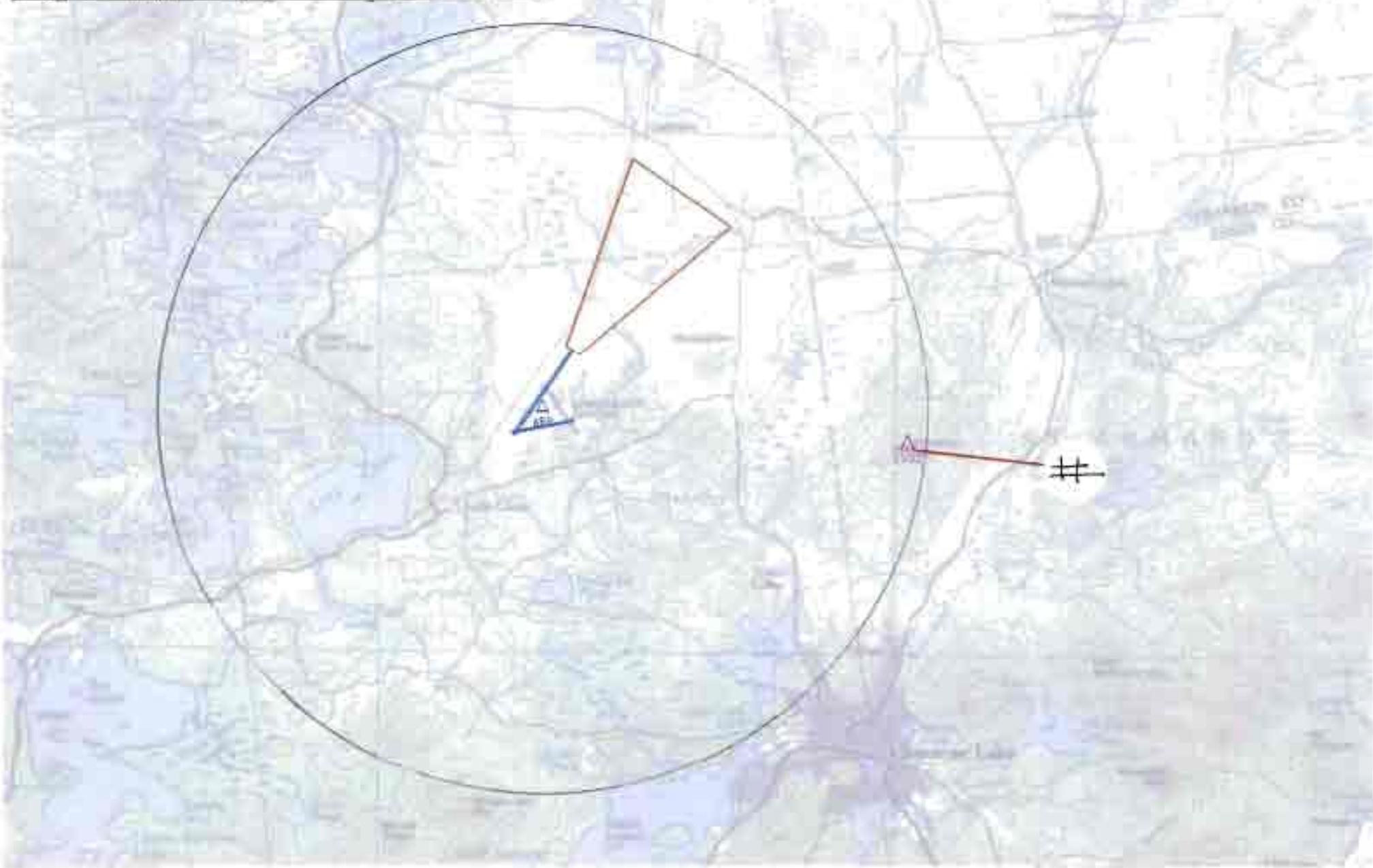
Airport ID	KSLK	No.	SEGMENT	OBSTRUCTION	ELEV
Apt Name	Adirondack Rgnl	VCOA			
City	Saranac Lake	@	VCOA Obstacle	AAO	5086
State	NY				
Proc ID	Take-off Mins & (Obs) Departure				
Amdt #	7				
Scale	1:500,000				



NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14
 FT 8000 18000 24000 32000 40000 48000 56000 64000 72000 80000

iposbb | sIK_vcoa5 (PROD) | 20 Oct 2011 11:10:33 | 1" = 8333.3 feet (MAP)

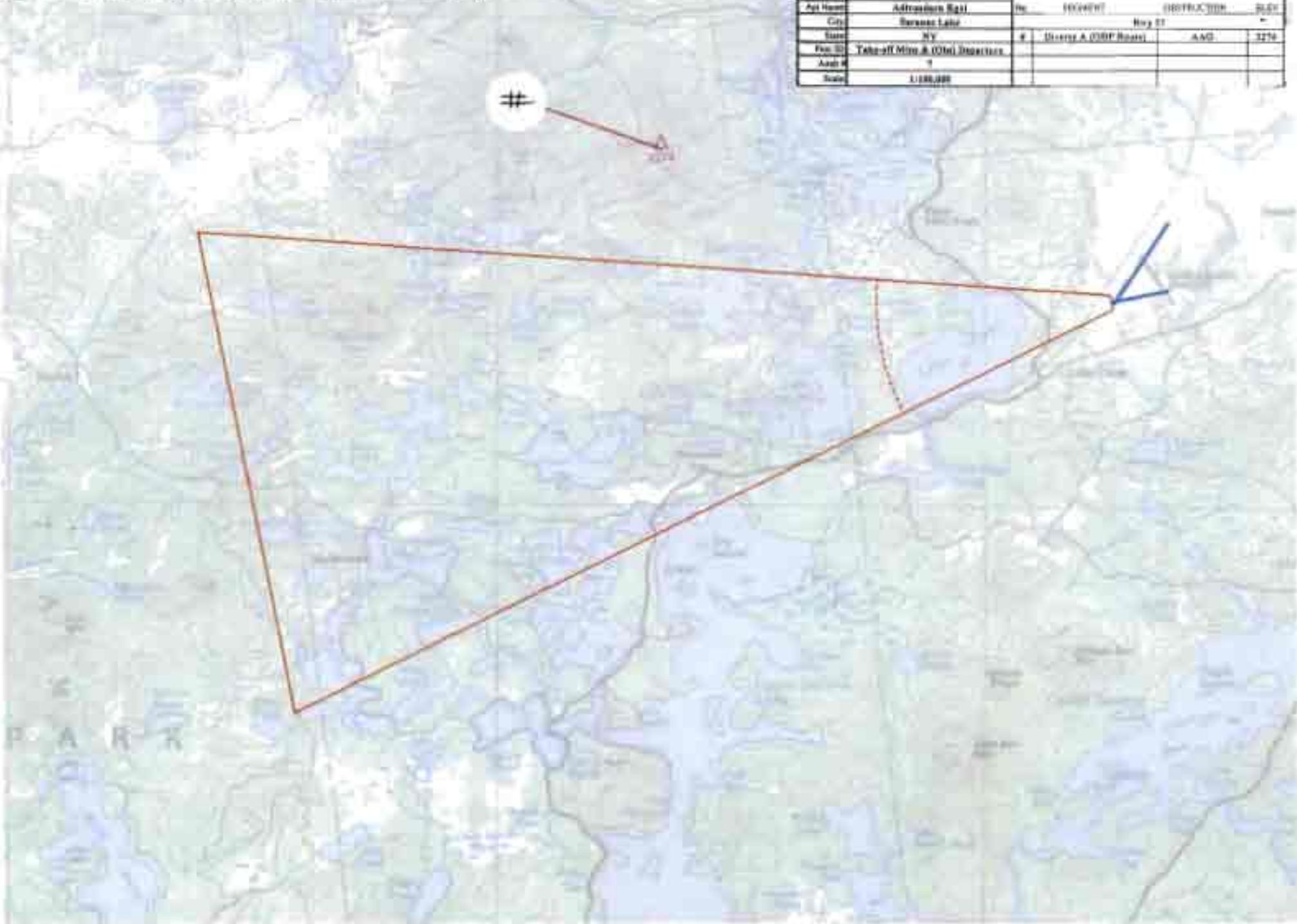
Airport ID	KSLK				
App Name	Adirondack Regl	NO	SEGMENT	OBSTRUCTION	ELI'
City	Saranac Lake	VCOA			
State	NY	8	VCOA Class-to altitude	AACI	2792
Proc ID	Take-off Minn & (02nd) Departure				
Unit ID	1				
Scale	1:800,000				

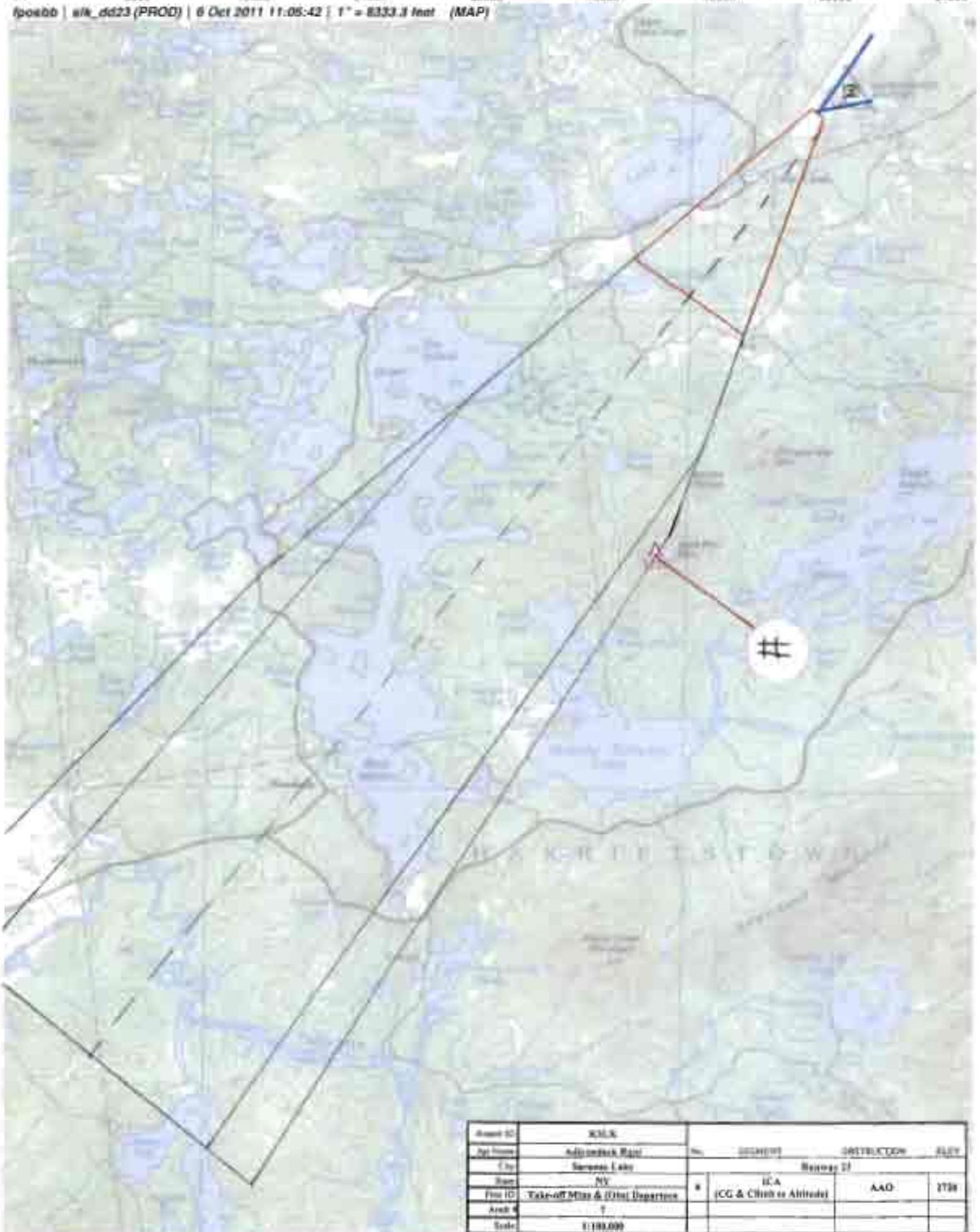


NAD 83
 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000
 1 2 3 4 5 6 7 8 9 10 11 12 13 14

fpoabb | slk_dd27 (PROD) | 6 Oct 2011 14:13:35 | 1" = 8333.3 feet (MAP)

Area ID	NALS	No.	SEGMENT	DIRECTION	SLIP
Alt Height	Admission Sign				
City	Service Label		Way ID		
State	NY	#	Direction (OSM Roads)	ANG	3276
File ID	Take-off Mtn & (OM) Structures				
Area #	1				
Scale	1:83,333				

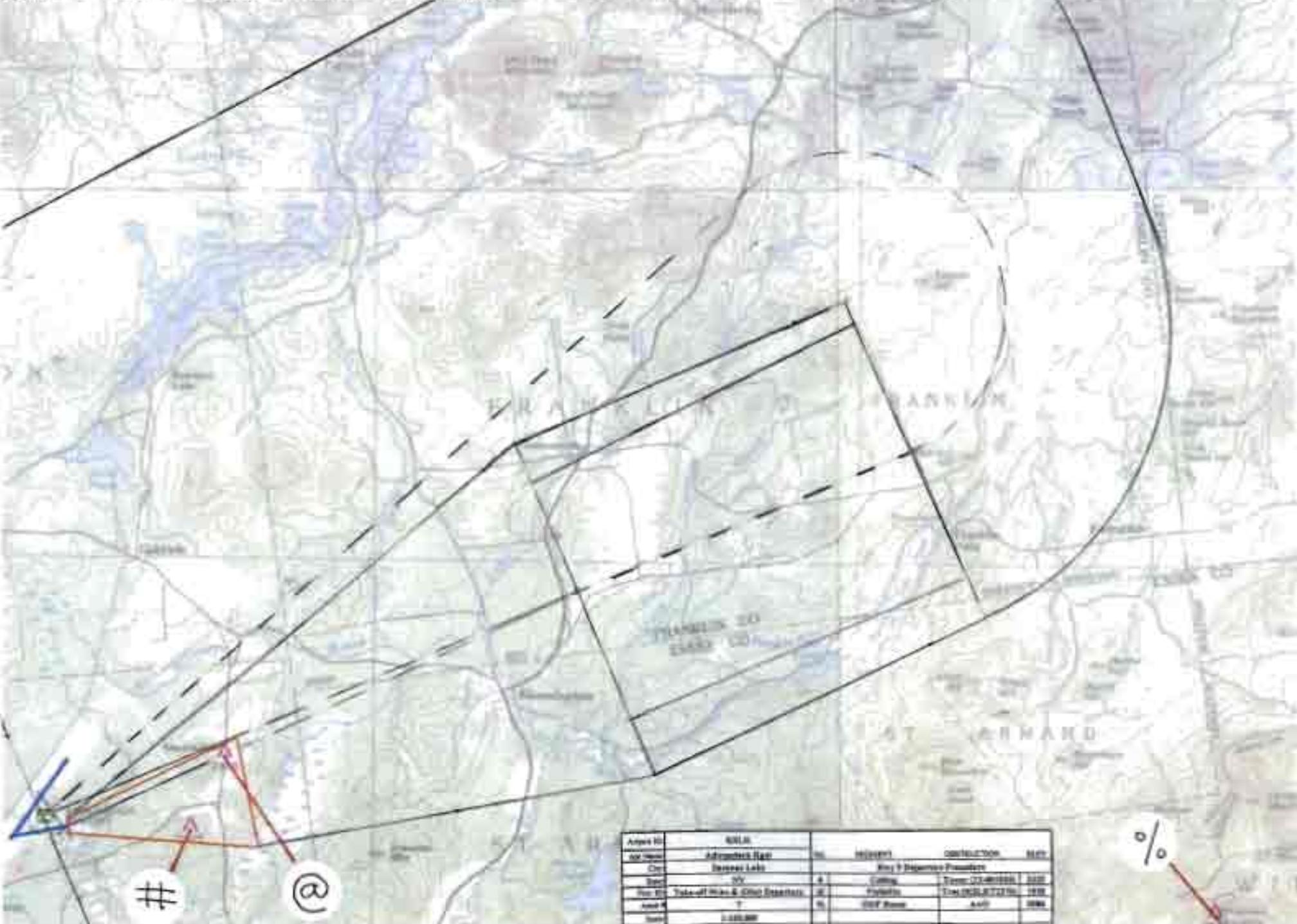




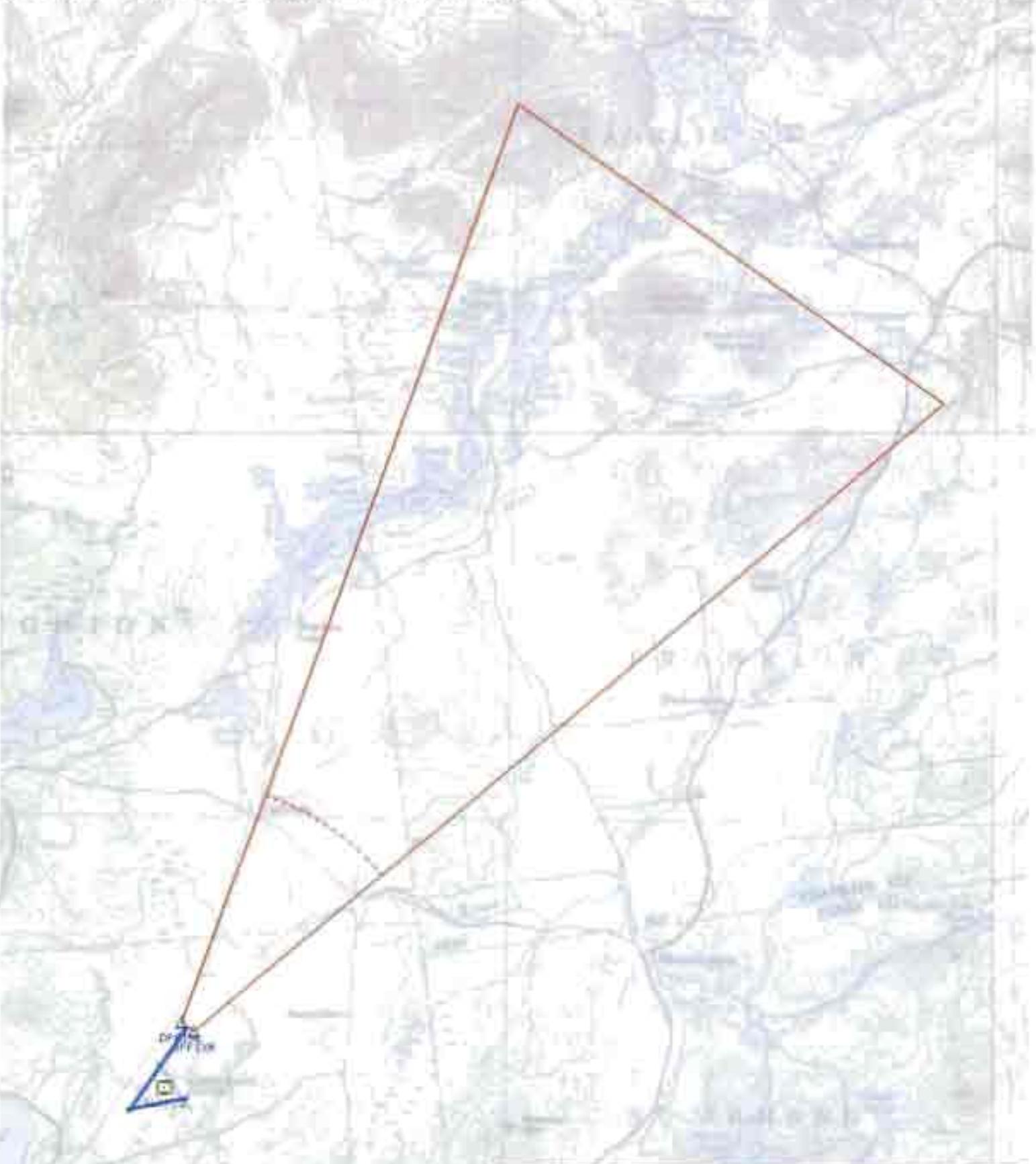
Area ID	K333				
Op Name	Adirondack East	No.	000000	ORIENTATION	ELEV
City	Saratoga Lake	Name of			
State	NY	*	ICA	AAO	ITM
File ID	Take-off Miss & (Other) Departure		(CG & Climb or Altitude)		
Area #	1				
Scale	1:100,000				

NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14
 FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

posbb | elk_cd09 (PR00) | 17 Oct 2011 11:18:08 | 1" = 8333.3 feet (MAP)



Area ID	SQL	IN	REVISION	CONSTRUCTION	DATE
01	Advanced Map				
02	Revised Leds			Key 9 Diagrams Provided	
03	03	4	03/16	Time 11:45:00	2008
04	Take-off Map & Other Diagrams	6	03/16	Time 12:00:00	2008
05	7	6	03/16	Auto	2008
06	0.00000				



Project ID	KSLR			
Job Name	Adirondack Road	NO	CONSTRUCTION	OLEV
City	Saratoga Lake		Business R	
State	NY			
Plan ID	Take-off Misc & Other Department		ISDN/ICA	
Acct #	7			
Scale	1:100,000			

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
SARANAC LAKE, NY	ADIRONDACK RGNL		7

TAKEOFF MINIMUMS:

RWY 5: STANDARD WITH A MINIMUM CLIMB OF 265 FT PER NM TO 4300, OR 2500-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 9: 800-2 1/4.
RWY 23: STANDARD WITH A MINIMUM CLIMB OF 270 FT PER NM TO 3100, OR 2500-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 27: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 5: CLIMB HEADING 048.89 TO 4300 BEFORE PROCEEDING ON COURSE. OR FOR CLIMB IN VISUAL CONDITIONS: CROSS ADIRONDACK REGIONAL AIRPORT AT OR ABOVE 4000 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.
RWY 9: CLIMBING LEFT TURN HEADING 079.12 TO INTERCEPT SLK VOR/DME R-081.00 EASTBOUND TO 3700, THEN CLIMBING LEFT TURN DIRECT SLK VOR/DME AND HOLD (N, RT, 159.26 DEGREES INBOUND). CONTINUE CLIMB IN HOLD TO DEPART SLK VOR/DME AT OR ABOVE MEA FOR ROUTE OF FLIGHT.
RWY 23: CLIMB HEADING 228.9 TO INTERCEPT SLK VOR/DME R-232.00 WESTBOUND TO 4600 BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS ADIRONDACK REGIONAL AIRPORT AT OR ABOVE 4000 BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.
RWY 27: CLIMB HEADING 273.13 TO 3600 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, VEHICLE ON ROAD 178 FT FROM DER, LEFT OF CENTERLINE, UP TO 15 FT AGL/1691 FT MSL. TREES BEGINNING 1421 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1756 FT MSL.
NOTE: RWY 9, TERRAIN 61 FT FROM DER, 421 FT LEFT OF CENTERLINE, 1643 FT MSL. TREES AND VEGETATION BEGINNING 100 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 116 FT AGL/1789 FT MSL. TOWER 7982 FT FROM DER, 1868 FT RIGHT OF CENTERLINE, 140 FT AGL/2225 FT MSL. TREE 11105 FT FROM DER, 2564 FT LEFT OF CENTERLINE, 100 FT AGL/1938 FT MSL.
NOTE: RWY 23, TREES BEGINNING 93 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1745 FT MSL.
NOTE: RWY 27, TREES AND VEGETATION BEGINNING 109 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1756 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 5086 FT MSL AAO, 442156.00N-0735411.00W.
RWY 9: 2225 MSL TOWER, 442254.00N-0741003.00W. 1938 MSL TREE, 442342.80N-0740932.25W.
RWY 23: 2726 MSL TREE, 441748.61N-0741518.77W.
RWY 5, 9, 23 (VCOA): 5086 MSL AAO, 441256.00N-0735411.00W
OBSTACLES MANDATING ROUTE DEVELOPMENT: RWY 5, RWY 9 - 5086 MSL AAO, 445156.00N-0735411.00W. RWY 23 - 4725 MSL AAO, 440933.80N-0741219.90W. RWY 27 - 3274 MSL AAO, 442431.47N-0741946.46W.

QUALITY
1
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
 Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
SARANAC LAKE, NY	ADIRONDACK RGNL		7

REMARKS:

FLIGHT INSPECTED BY:

JORGE A MALCUN FIOG 02/29/2012

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

SEAN BARBEE AJV-352 10/03/2011

APPROVED BY:

DARRYEL ADAMS AJV-352

COORDINATED WITH:

AOPA, NBAA, ARPT MGR, ZBW, EST FPO

CHANGES:

1. RWY 5, DELETED CEILING AND VISIBILITY, INCREASED CLIMB GRADIENT FROM 230 FT PER NM TO 265 FT PER NM, INCREASED CLIMB TO ALTITUDE FROM 2500 TO 4300, DELETED SLK VOR/DME FROM RWY 5 TEXTUAL DEPARTURE PROCEDURE, ADDED NOTE FOR LOW CLOSE-IN OBSTACLES, AND ADDED VCOA.
2. RWY 9, INCREASED CEILING AND VISIBILITY FROM 600-2 TO 800-2 1/4, ADDED CLIMB GRADIENT AND CLIMB TO ALTITUDE, CHANGED TEXTUAL DEPARTURE PROCEDURE TO INCLUDE CLIMB IN HOLDING INSTRUCTIONS AT SLK VOR/DME, AND ADDED NOTE FOR LOW CLOSE-IN OBSTACLES.
3. RWY 23, DELETED CEILING AND VISIBILITY, INCREASED CLIMB GRADIENT FROM 240 FT PER NM TO 270 FT PER NM, INCREASED CLIMB TO ALTITUDE FROM 2300 TO 3100, CHANGED DEPARTURE PROCEDURE INSTRUCTIONS, ADDED NOTE FOR LOW CLOSE-IN OBSTACLES, AND ADDED VCOA.
4. RWY 27, CHANGED DEPARTURE PROCEDURE CLIMB TO ALTITUDE FROM 2300 TO 3600.

REASONS:

1. IAW 8260.46D, TABLE 1 AND NEW OBSTACLE DATA PER NGS SURVEY DATED 06/08/2010. OBSTACLE PENETRATIONS REQUIRING CLIMB GRADIENT AND CLIMB TO ALTITUDE ARE OUTSIDE 3 SM. TEXTUAL DEPARTURE PROCEDURE PROVIDES CLEARANCE FROM ALL OBSTACLE PENETRATIONS OUTSIDE 3 SM WITHOUT REQUIRING USE OF SLK VOR/DME. VCOA ADDED IAW 8260.46D, TABLE 1.
2. IAW 8260.46D, TABLE 1 AND NEW OBSTACLE DATA PER NGS SURVEY DATED 06/08/2010. TEXTUAL DEPARTURE INCLUDES CLIMB IN HOLD TO APPROPRIATE AIRWAY MEA ALTITUDE IAW 8260.46D, PARA 2-1.B.12.
3. IAW 8260.46D, TABLE 1 AND NEW OBSTACLE DATA PER NGS SURVEY DATED 06/08/2010. OBSTACLE PENETRATIONS REQUIRING CLIMB GRADIENT AND CLIMB TO ALTITUDE ARE OUTSIDE 3 SM. DEPARTURE PROCEDURE CLIMB TO ALTITUDE INCREASED FROM 4000 TO 4600 TO MITIGATE OBSTACLE PENETRATIONS SOUTH OF THE AIRPORT. VCOA ADDED IAW 8260.46D, TABLE 1.
4. IAW 8260.46D, TABLE 1 AND NEW OBSTACLE DATA PER NGS SURVEY DATED 06/08/2010. OBSTACLE PENETRATIONS REQUIRING DEPARTURE PROCEDURE CLIMB TO ALTITUDE ARE OUTSIDE 3 SM.

05/11/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/03/2011.

1. DELETED FROM RWY 9 TAKEOFF MINIMUMS: OR STANDARD WITH A MINIMUM CLIMB OF 750 FT PER NM TO 2600.
2. ADDED TO TAKEOFF OBSTACLE NOTES FOR RWY 9: TOWER 7982 FT FROM DER, 1868 FT RIGHT OF CENTERLINE, 140 FT AGL/2225 FT MSL. TREE 11105 FT FROM DER, 2564 FT LEFT OF CENTERLINE, 100 FT AGL/1938 FT MSL.
3. CHANGED ADIRONDACK RGNL TO ADIRONDACK REGIONAL AIRPORT FOR THE CLIMB IN VISUAL CONDITIONS PORTION OF THE TEXTUAL DEPARTURE PROCEDURES; AND, ADDED NOTE TO NOTIFY ATC BEFORE USING VCOA.

QUALITY
1
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SARANAC LAKE VOR/DME STATE: NY COUNTRY: US

LATITUDE/LONGITUDE: 442304.41N/0741216.21W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	SARANAC LAKE	SLK	VOR/DME	L						17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	SLK	VOR/DME	263.23	083.23	L	1	5000 10000	5 9
2	N	SLK	VOR/DME	339.26	159.26	R	1	5000 10000	5 9
3	SW	SLK	VOR/DME	238.74	058.74	L	1	5000 10000	5 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	442431.47N/0741946.46W	3074	2A
1	310	AAO	442010.68N/0740156.48W	4032	2A
2	200	AAO	442431.47N/0741946.46W	3074	2A
2	310	AAO	441953.77N/0740233.50W	3612	2C
3	200	AAO	442431.47N/0741946.46W	3074	2A
3	310	AAO	441406.39N/0741206.78W	3514	2C

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 9	KSLK	SARANAC LAKE	NY (US)
2	ILS OR LOC/DME Z RWY 23	KSLK	SARANAC LAKE	NY (US)
2	TAKEOFF MINIMUMS	KSLK	SARANAC LAKE	NY (US)
3	VOR/DME RWY 5	KSLK	SARANAC LAKE	NY (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED
C-I-H HOLD PAT 1 OBSTACLE LOCATED 3468 FEET INTO THE SECONDARY AREA.
HOLDING PAT 1/3 C-I-H P-13, PAT 2 C-I-H P-15.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		2	KSLK	SARANAC LAKE	NY (US)
DP	BURLINGTON			KBTV	BURLINGTON	VT (US)
EN ROUTE	V196					(US)
EN ROUTE	V203					(US)
EN ROUTE	V282					(US)
IAP	RNAV (GPS) RWY 14			KLKP	LAKE PLACID	NY (US)
IAP	RNAV (GPS)-A			KLKP	LAKE PLACID	NY (US)
IAP	RNAV (GPS) RWY 24			KPTD	POTSDAM	NY (US)
IAP	ILS OR LOC/DME Z RWY 23		2	KSLK	SARANAC LAKE	NY (US)
IAP	LOC Y RWY 23			KSLK	SARANAC LAKE	NY (US)
IAP	VOR RWY 9		1	KSLK	SARANAC LAKE	NY (US)
IAP	VOR/DME RWY 5		3	KSLK	SARANAC LAKE	NY (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 02/09/2012

REASON FOR REVISION:



AMENDED LAT/LONG, NAVAID SURVEYED 1.25 FEET SOUTH
AMENDED MAA FROM 29000 TO 17500
UPDATED FIX USE
ADDED TO REAMRKS "PRECIPITOUS TERRAIN EVALUATION COMPLETED", "C-I-H PAT 1 OBSTACLE LOCATED 3468 FEET IN THE SECONDARY AREA" AND "HOLDING PAT 1/2/3 C-I-H P-13"
AMENDED PAT 1 CON OBS FROM MOUNTAINOUS TERRAIN (MONT0160) 442440N/0741955W 2874 TO AAO 442431.47N/0741946.46W 3074 2A
AMENDED PAT 2 CON OBS FROM SPEED 230 MOUNTAINOUS TERRAIN (MONT0022) 440932N/0741210W 4361 TO SPEED 200 AAO 442431.47N/0741946.46W 3074 2A
AMENDED PAT 3 CON OBS FROM MOUNTAINOUS TERRAIN (MONT0160) 442440N/0741955W 2874 TO AAO 442431.47N/0741946.46W 3074 2A
AMENDED PAT 1 CRS INBOUND/RAD FROM 083.00/263.00 TO 083.23/263.23, MAX ALTITUDE FROM 6000 TO 10000 AND MAX TEMPLATE FROM 5 TO 9
AMENDED PAT 2 DIRECTION FROM SW TO N, CRS INBOUND/RAD FROM 041.00/221.00 TO 159.26/339.26, TURNS FROM LEFT TO RIGHT, MAX ALTITUDE FROM 14000 TO 6000, MIN/MAX TEMPLATE FROM 7/10 TO 5/5
AMENDED PAT 3 CRS INBOUND/RAD FROM 065.00/245.00 TO 058.74/238.74, MAX ALTITUDE FROM 6000 TO 10000 AND MAX TEMPLATE FROM 5 TO 9
ADDED DP TO REQUIRED CHARTING
ADDED C-I-H EVALUATION INFO PAT 1-3

DEVELOPED BY: **DATE:** 07/11/2011 **OFFICE:** AJV-352 **NAME:** JAMES DUBOIS
APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS
SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: EST
 ARTCC: ZBW
 ATC FACILITY:
 OTHER:





Federal Aviation Administration

Memorandum

Date: 10/04/2011

To: Manager, Flight Procedure Standards

From: Greg Yamamoto
Manager, Terminal Procedures and Charting Service Team

Subject: **ACTION:** Approval Request

TAKEOFF MINIMUMS ODP, Adirondack Rgnl, Saranac Lake, NY (KSLK)

Climb gradient exceeds 500 feet per NM, 8260.46D, paragraph 2-1d(2).

The computed climb gradient is 750 feet per NM to an altitude of 2600 for departures on runway 9. The obstacle driving this climb gradient is a 2225 MSL Tower (36-001020). Due to the location of this obstruction in the ICA, 1.23 NM from the departure end of runway 9, it is not possible to design a departure route to mitigate this obstacle.

Request approval to publish a minimum climb gradient of 750 feet per NM to 2600 to allow 40:1 obstacle penetrations to be avoided.

In realizing a climb gradient of over 500 feet per NM will not likely be approved, recommend use of ceiling and visibility, 800-2 ¼.

Please respond no later than: 2 NOVEMBER 2011.

Attachments:

1. Map
2. IAPA DEP99