

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> SYRACUSE HANCOCK INTL	<u>AIRPORT ID</u> KSYR	<u>PROCEDURE NAME</u> RNAV (RNP) Y RWY 28	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> SYRACUSE	<u>STATE</u> NY	
<u>AIRPORT ELEVATION</u> 421	<u>TDZE</u> 413	<u>SUPERSEDED</u> RNAV (RNP) Y RWY 28	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 13W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 JULY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CORTA	IAF	HADAS		TF	FB	1.00	026.44	19.79	3600
SYR VORTAC	IAF	PRIMS		TF	FB	1.00	087.04	4.96	4000
TUMPS	IAF	RILIE		TF	FB	1.00	100.39	3.94	4000
STODA	IAF	ZULIS		TF	FB	1.00	280.68	3.81	2000
HADAS	IF	ACIDY		TF	FB	1.00	026.51	3.43	3200
PRIMS	IF	MOTEY		TF	FB	1.00	087.11	3.01	4000
RILIE	IF	CONET		TF	FB	1.00	100.45	3.05	4000
CONET		JAVTU		RF	FB	1.00	(2.60 NM RADIUS CCW (CFDHN))	4.78	2600
ACIDY		JAVTU		RF	FB	1.00	(3.70 NM RADIUS CCW (CFCLC))	2.03	2600
JAVTU		ZIMBI	PFAF	RF	FB	1.00	(2.46 NM RADIUS CCW (CFDJM))	3.21	1600
MOTEY		ZIMBI	PFAF	RF	FB	1.00	(2.60 NM RADIUS CW (CFDMH))	8.77	1600
ZULIS	IF	ZIMBI	PFAF	TF	FB	1.00	280.54	3.01	1600
ZIMBI	PFAF	RW28	MAP	TF	FO	0.30	280.49	3.58	
RW28	MAP	MOYIK		TF	FB	1.00	280.44	12.51	
MOYIK		WIFFY		TF	FO	1.00	305.56	8.24	3000



MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3000 ON TRACK 280.44 TO MOYIK AND ON TRACK 305.56 TO WIFFY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT ZIMBI				
3. FAC:	280.49	PFAF: ZIMBI	DIST PFAF TO MAP:	DIST PFAF TO THLD:	
4. MIN ALT:	ZIMBI 1600				
5. DIST TO THLD FROM PFAF:	3.58	MM:	IM:	449 HAT: 1.26	GS ANT:
6. MIN GP INCPT:	1600	GP ALT AT PFAF : ZIMBI 1600		OM:	MM: IM:
7. GP ANGLE:	3.00	34:1: IS NOT CLEAR	20:1: IS NOT CLEAR	TCH: 60.0	
8. MSA FROM:	RW28 3800				

PBN REQUIREMENTS NOTE:

RNP AR APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18°C OR ABOVE 54°
C. CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE ADJACENT TO CORTA IAF: RF REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SYR VORTAC ON V29 SOUTHBOUND.
CHART PLANVIEW NOTE ADJACENT TO SYR VORTAC IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO TUMPS IAF: RF REQUIRED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO 1 3/8.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 5/8.
CHART PLANVIEW NOTE AT CONET: MAX 210 KIAS UNTIL ZIMBI.
CHART PLANVIEW NOTE AT MOTEY: MAX 210 KIAS UNTIL ZIMBI.
CHART PLANVIEW NOTE AT ACIDY: MAX 210 KIAS UNTIL ZIMBI.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 101.38 INBOUND



MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.15 DA	862	5500	449	862	5500	449	862	5500	449	862	5500	449			
RNP 0.30 DA	957	1 3/8	544	957	1 3/8	544	957	1 3/8	544	957	1 3/8	544			

CHANGES - REASONS

INCORPORATED CHANGES FROM PREVIOUS P-NOTAM (4/4609) INTO THE FORM:

AMENDMENT ORIG-B:
DELETED INITIAL SEGMENT GEORGETOWN (GGT) VORTAC TO ESAME - GGT VORTAC DECOMMISSIONING (VOR MON).
CHANGED LINE 5 DIST TO THLD FROM OM TO DIST TO THLD FROM PFAF - IAW 8260.19H 8-6-7 E.
DELETED #TCH 460.4 (DO NOT CHART), ROUTE TYPE: A, H, ROUTE TYPE QUALIFIER 1: F AND ROUTE TYPE QUALIFIER 2: S FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CRITERIA.
ADDED 20:1 IS NOT CLEAR TO LINE 7 - IAW 8260.19H 8-6-7 G. (3).
CHANGED NOTE FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C (OF) OR ABOVE 54C (130F) TO: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C OR ABOVE 54C - IAW 8260.19H 8-6-7 S.
CHANGED PLANVIEW NOTE FROM: PROCEDURE NA FOR ARRIVAL ON SYR VORTAC AIRWAY RADIALS 018 CW 154 AND ON GGT YORT AC AIRWAY RADIALS 284 CW 075 TO PROCEDURE NA FOR ARRIVALS AT SYR VORTAC ON V29 SOUTHBOUND - RESTRICTION FOR RADIALS 018-145 CW NOT REQUIRED AND GGT VORTAC DECOMMISSIONING (VOR MON).
DELETED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CORTA ON V29 SOUTHBOUND AND ON V428 SOUTHWEST BOUND - RESTRICTION NOT REQUIRED, AIRCRAFT ON V29 SOUTHBOUND WOULD OVERFLY TUMPS (IAF) TO GET TO CORTA, V428 BEING CANCELLED 9-10-2020.
DELETED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TUMPS ON V29 NORTHBOUND - RESTRICTION NOT REQUIRED, AIRCRAFT WOULD OVERFLY CORTA (IAF) TO GET TO TUMPS.
DELETED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STODA ON V2 EASTBOUND - RESTRICTION NOT REQUIRED, AIRCRAFT WOULD OVERFLY AIRPORT TO GET TO STODA.
CHANGED PLANVIEW NOTE FROM: CHART SPEED ICON IN PLANVIEW AT CONET, ACIDY, JAVTU, MOTHEY: MAX 210 KIAS TO: CHART PLANVIEW NOTE AT CONET MAX 210 KIAS UNTIL ZIMBI, CHART PLANVIEW NOTE AT ACIDY MAX 210 KIAS UNTIL ZIMBI, CHART PLANVIEW NOTE AT MOTHEY MAX 210 KIAS UNTIL ZIMBI - IAW 8260.19H 4-6-10 G (RF TURNS).
CHANGED NOTE FROM CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE RNP 0.15 ALL CATS VISIBILITY TO 1 1/2 TO CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO 1 3/8 - IAW INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE.
CHANGED NOTE FROM CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/4 TO CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 5/8 - IAW INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE.
DELETED CHART OBSTACLES 402 NAVAID 430634N/0760533W, 401 NAVAID 430632N/0760533W AND 401 NAVAID 430635N/0760533W FROM ADDITIONAL FLIGHT DATA - NOT CHARTED AND ARE LISTED ON THE 8260-9 UNDER 20:1 AND 34:1 PENETRATIONS.
CHANGED DISTANCE TO THRESHOLD FROM 449 HAT FROM 1.22 TO 1.26 (8260-3 LINE 5).
DELETED NOTE: GPS REQUIRED - ENCOMPASSED IN RNP AR APCH NOTE.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** AIRPORT MANAGER, AVIATION MANAGER, ZBW, ZNY, SYR APPCON, SYR ATCT

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, *Digitally signed by*
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED **DONALD H LANIER**

DEVELOPED BY

ROBERT GRIM

Digitally signed by

ROBERT GRIM

Apr 06, 2020

OFFICE

DATE

OFFICE

AJV-A431

DATE

03/31/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Apr 17, 2020

OFFICE

AJV-A430

DATE

TITLE

MANAGER

