Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/16/2012	Task #: 2012081631850101001	Request #: 20120816318501
Procedure: RNAV (GPS) Z RWY 28 AMDT 2A		Airport ID: KSYR	Airport: SYRACUSE HANCOCK INTL		Reimbursable #:
City: SYRACUSE	ST: NY	GPS #:		Estimated Chart Date: 03/07/2013	FICO #:
Fac ID:	Fac. Type: LPV	Specialist: DAN POWELL			

Procedure Review

P2

	Rec'd	Rel'd	Full Name	Comments
Lead:	08/23/2012	10/29/2012	DONALD SMITH	
QA:	10/29/2012	10/29/2012	SCOTT BEARD	
Liaison:	10/29/2012		Spurlin	

Procedure Comments: ENROUTE-NON

Remark Type: INFORMATION

Pg 2 of 2

SYRACUSE, NY SYRACUSE HANCOCK INTL (KSYR) RNAV (GPS) Z RWY 28, AMDT 2A (LPV) ENROUTE-NO FC: 1.22.13 PUB: 3.7.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036 / 405.954.3636.

WAAS CH 45517 W28A	APP CRS 281°	Rwy ldg 9003 THRE 400 Apt Elev 421

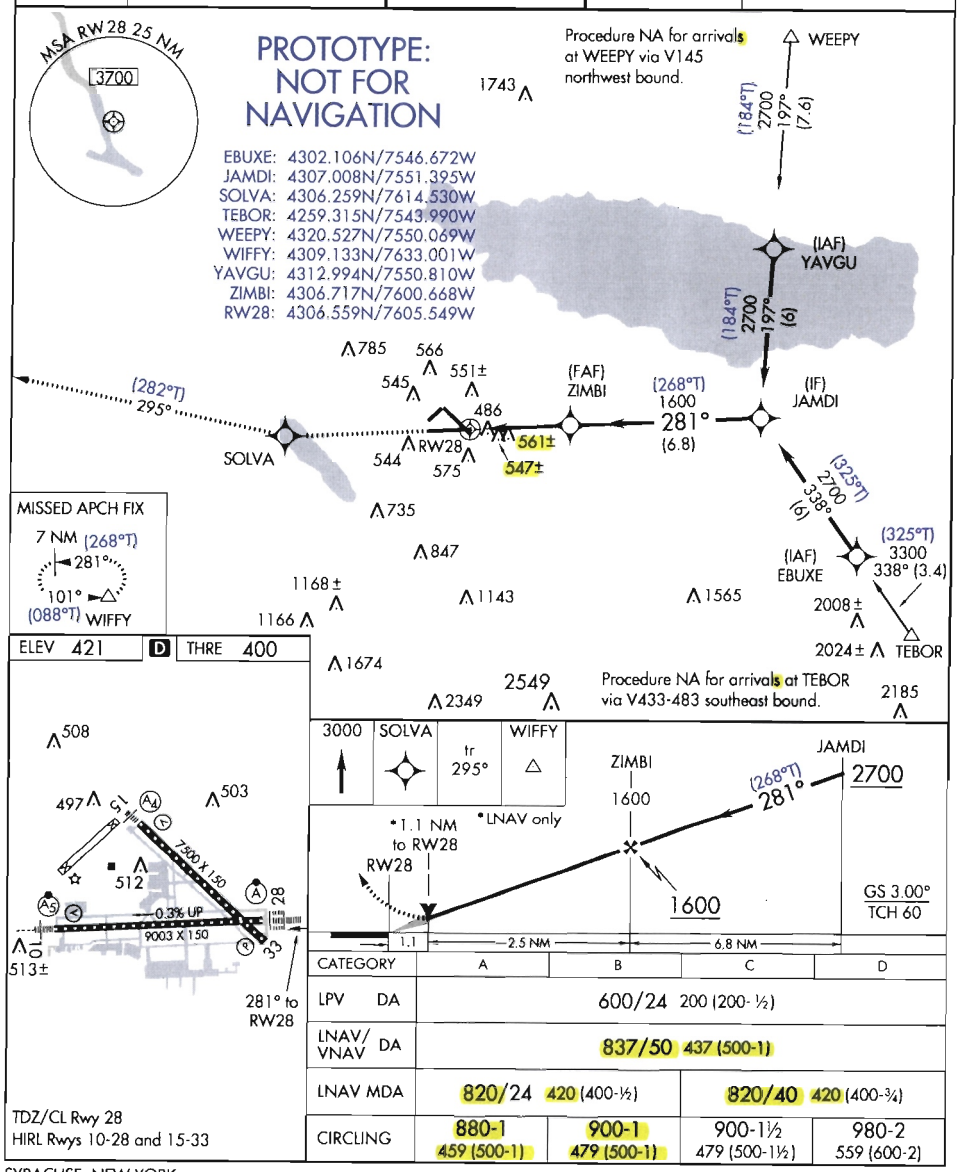
RNAV (GPS) Z RWY 28
SYRACUSE HANCOCK INTL (SYR)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-6°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. For inop ALSF-2, increase LNAV Cats C/D visibility to 1⅛ mile.

ALSF-2

MISSED APPROACH: Climb to 3000 direct SOLVA and on track 295° to WIFFY and hold.

ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	134.275 279.6	120.3 239.0	121.7 348.6	125.05 257.775

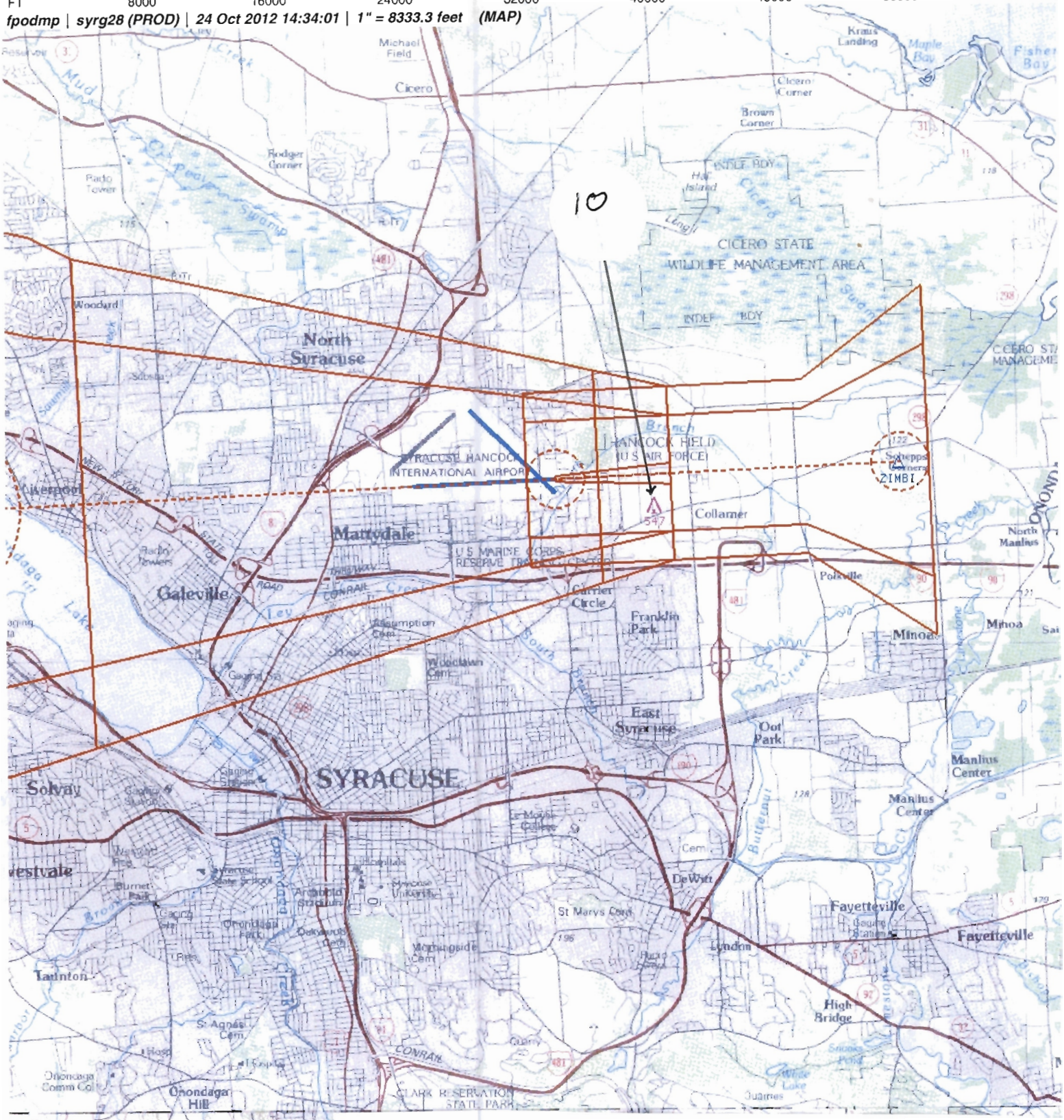


CATEGORY	A	B	C	D
LPV DA	600/24 200 (200-½)			
LNAV/VNAV DA	837/50 437 (500-1)			
LNAV MDA	820/24 420 (400-½)		820/40 420 (400-¾)	
CIRCLING	880-1 459 (500-1)	900-1 479 (500-1)	900-1½ 479 (500-1½)	980-2 559 (600-2)

NM 1 2 3 4 5 6 7 8 9 10

FT 8000 16000 24000 32000 40000 48000 56000 64000

fpodmp | syrg28 (PROD) | 24 Oct 2012 14:34:01 | 1" = 8333.3 feet (MAP)



Airport ID	KSYR	FM 9			
Apt Name:	SYRACUSE HANCOCK INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	SYRACUSE	10	FINAL: LNAV/VNAV	TREE (KSYRT0675)	547
State:	NY				
Scale:	1:100,000				
Proc ID:	RNAV (GPS) Z RWY 28				
Amdt #:	2A				
LNAV/VNAV					

Airport ID	KSYR
Apt Name:	SYRACUSE HANCOCK INTL
City:	SYRACUSE
State:	NY
Scale:	1:100,000
Proc ID:	RNAV (GPS) Z RWY 28
Amdt #:	2A

LNAV

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
@	FINAL: LNAV 7:1	AAO	624
11	FINAL: LNAV	TREE (KSYRT0682)	561
14	CIRCLING: CAT A	TWR (36-024664)	575
15	CIRCLING: CAT B/C	TWR (KSYRT0683)	597
16	CIRCLING: CAT D	TWR (36-000432)	598

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WEEPY	YAVGU (FB)	197.11 / 7.55	2700
TEBOR	EBUXE (FB)	337.81 / 3.41	3300
YAVGU (IAF)	JAMDI (FB)	197.10 / 6.00	2700
EBUXE (IAF)	JAMDI (FB)	337.79 / 6.00	2700
JAMDI (IF)	ZIMBI (FB)	280.60 / 6.80	1600
ZIMBI (FAF)	RW28 (MAP) (FO)	280.50 / 3.58	
RW28 (MAP)	600 MSL	280.50	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

CLIMB TO 3000 DIRECT SOLVA AND ON TRACK 295.10 TO WIFFY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JAMDI
3. FAC: 280.50 FAF: ZIMBI DIST FAF TO MAP: 3.58 THLD: 3.58
4. MIN. ALT: JAMDI 2700, ZIMBI 1600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: ZIMBI 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS CLEAR
8. MSA FROM: RW28 3700

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 101.38 INBOUND.
CHART FAS OBST: 547 TREE 430612N/0760408W
CHART FAS OBST: 561 TREE 430614N/0760340W
624 AAO 430658N/0760022W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.13 MILES TO RW28*
*LNAV ONLY.
WAAS CHANNEL # 45517
REFERENCE PATH ID: W28A
LTP HAE: 88.3 M

MAG VAR: 13W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	600	2400	200	600	2400	200	600	2400	200	600	2400	200			
LNAV/VNAV DA	837	5000	437	837	5000	437	837	5000	437	837	5000	437			
LNAV MDA	820	2400	420	820	2400	420	820	4000	420	820	4000	420			
CIRCLING	880	1	459	900	1	479	900	1 1/2	479	980	2	559			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-6F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV CATS C/D VISIBILITY TO 1 1/8 MILE.
(SEE FORM 8260-10)

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 421 THRE: 400	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28
SYRACUSE, NY	AIRPORT NAME: SYRACUSE HANCOCK INTL	RNAV	RNAV (GPS) Z RWY 28, AMDT 2A	AMDT: 2
				DATED 04/07/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] **ZBW, SYR APP CON, SYR ATCT, AMGR**

FLIGHT CHECKED BY		
NAME: **JORGE ALBERTO MALCUN**	FIFO **FIOG**	DATE: **01/25/2011**
DEVELOPED BY		
NAME: **DAN POWELL**	FIFO **AJV-352**	DATE: **10/24/2012**
APPROVED BY		
NAME: **SUSAN CRUMB** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

1. ADDED Z TO PROCEDURE APPROACH TITLE.
2. LNAV/VNAV DA/HATH ALL CATS CHANGED FROM 666/266 TO 837/437.
3. LNAV/VNAV ALL CATS VISIBILITY CHANGED FROM RVR 2400 TO RVR 5000.
4. LNAV MDA/HATH ALL CATS CHANGED FROM 800/400 TO 820/420.
5. LNAV CATS C/D VISIBILITY CHANGED FROM RVR 3500 TO RVR 4000.
6. CIRCLING CAT B MDA/HAA CHANGED FROM 880/459 TO 900/479.
7. REVISED UNCOMPENSATED BARO-VNAV SYSTEMS NOTE.
8. REVISED INOP ALSF-2 NOTE.
9. CHANGED VIA TO ON FOR WEEPY/TEBOR PROCEDURE NA NOTES.

REASONS:

1. FPT REQUEST / RNP Y PROCEDURE PUBLICATION.
2, 4, 6. NEW CONTROLLING OBSTACLE.
3, 5. IAW 8260.3B, CHG 20, CH 3.
7. IAW 8260.19E, 4-97 / NEW CALCULATIONS BASED ON ACT AND AFS 400 CALCULATOR (HIGH TEMP).
8. IAW 8260.19E, 8-54(M)(3).
9. IAW 8260.19E, 8-6(G)(2).

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
600 MSL	SOLVA (FB)		
SOLVA	WIFFY (FO)	295.10 / 13.83	3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WEEPY ON V145 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TEBOR ON V433-483 SOUTHEAST BOUND.

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 421 THRE: 400	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28
SYRACUSE, NY	AIRPORT NAME: SYRACUSE HANCOCK INTL	RNAV	RNAV (GPS) Z RWY 28, AMDT 2A	AMDT: 2
				DATED: 04/07/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSYR
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	430633.5075N
LTP/FTP LONGITUDE	0760532.9115W
LTP/FTP ELLIPSOIDAL HEIGHT	+00883
FPAP LATITUDE	430629.5100N
FPAP LONGITUDE	0760734.4200W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	080B7A55

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01220
FPAP ORTHOMETRIC HEIGHT	+01220

QUALITY CHECKED

CITY AND STATE	ELEVATION: 421 THRE: 400	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28
SYRACUSE, NY	AIRPORT NAME: SYRACUSE HANCOCK INTL	RNAV	RNAV (GPS) Z RWY 28, AMDT 2A	AMDT: 2
				DATED: 04/07/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EBUXE K60    W     N43020633W075464034                      W0127     NAR           EBUXE
        SUSAEAENRT   JAMDI K60    W     N43070045W075512371                      W0127     NAR           JAMDI
        SUSAEAENRT   SOLVA K60    C     N43061552W076143182                      W0125     NAR           SOLVA
        SUSAEAENRT   TEBOR K60    C   L N42591890W075435937                      W0128     NAR           TEBOR
        SUSAEAENRT   WEEPY K60    C   L N43203163W075500416                      W0128     NAR           WEEPY
        SUSAEAENRT   WIFFY K60    C   L N43090796W076330008                      W0123     NAR           WIFFY
        SUSAEAENRT   YAVGU K60    W     N43125961W075504860                      W0128     NAR           YAVGU
        SUSAEAENRT   ZIMBI K60    C     N43064300W076004007                      W0126     NAR           ZIMBI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSYRK6ASYR     0     090YHN43064030W076062270W013000421         1800018000C    MNAR    SYRACUSE HANCOCK INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSYRK6FR28-Z ATEBOR 010TEBORK6EA0E       IF                                          18000                A JS
        SUSAP KSYRK6FR28-Z ATEBOR 020EBUXEK6EA0E  A 020TF                    33780034    + 03300                         A JS
        SUSAP KSYRK6FR28-Z ATEBOR 030JAMDIK6EA0EE B 010TF                    33780060    + 02700                         A JS
        SUSAP KSYRK6FR28-Z AWEEPY 010WEEPYK6EA0E       IF                                          18000                A JS
        SUSAP KSYRK6FR28-Z AWEEPY 020YAVGUK6EA0E  A 020TF                    19710076    + 02700                         A JS
        SUSAP KSYRK6FR28-Z AWEEPY 030JAMDIK6EA0EE B 010TF                    19710060    + 02700                         A JS
        SUSAP KSYRK6FR28-Z R      010JAMDIK6EA0E  I    IF                                + 02700     18000               A JS
        SUSAP KSYRK6FR28-Z R      020ZIMBIK6EA1E  F 051TF                    28060068    + 01600                 RW28  K6PGA JS
        SUSAP KSYRK6FR28-Z R      020ZIMBIK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KSYRK6FR28-Z R      030RW28 K6PG0GY M 031TF                    28050036      00460            -300          A JS
        SUSAP KSYRK6FR28-Z R      040         0  M     CA                    2805        + 00600                         A JS
        SUSAP KSYRK6FR28-Z R      050SOLVAK6EA0E       DF                                                                A JS
        SUSAP KSYRK6FR28-Z R      060WIFFYK6EA0EY   010TF                    2951        + 03000                         A JS
        SUSAP KSYRK6FR28-Z R      070WIFFYK6EA0EE  L   HM                    10140060    + 03000                         A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSYRK6GRW28    0090032804 N43063351W076053291+0200    +0088300400000060150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSYRK6PR28-Z RW28 001Z0000W28A0N4306335075W07605329115+008830300N4306295100W076073442001067500000000600F400350080B7A55
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 421 THRE: 400	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28
SYRACUSE, NY	AIRPORT NAME: SYRACUSE HANCOCK INTL	RNAV	RNAV (GPS) Z RWY 28, AMDT 2A	AMDT: 2
				DATED: 04/07/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
        SUSAP KSYRK6PR28-Z RW28 002E      +01220+01220LPV       45517
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSYRK6SRW28 K6PG                0   18018003725                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 421 THRE: 400	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28
SYRACUSE, NY	AIRPORT NAME: SYRACUSE HANCOCK INTL	RNAV	RNAV (GPS) Z RWY 28, AMDT 2A	AMDT: 2
				DATED: 04/07/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	TEBOR	TEBOR	010		IF		FB					
	TEBOR	EBUXE	020	IAF	TF		FB	2.0	337.8(324.8T)	003.4	AA 03300	
	TEBOR	JAMDI	030		TF		FB	1.0	337.8(324.8T)	006.0	AA 02700	
	WEEPY	WEEPY	010		IF		FB					
	WEEPY	YAVGU	020	IAF	TF		FB	2.0	197.1(184.1T)	007.6	AA 02700	
	WEEPY	JAMDI	030		TF		FB	1.0	197.1(184.1T)	006.0	AA 02700	
		JAMDI	010	FACF	IF		FB				AA 02700	
		ZIMBI	020	FAF	TF		FB	0.5	280.6(267.6T)	006.8	AA 01600	
		RW28	030	MAP	TF		FO	0.3	280.5(267.5T)	003.6	AT 00460	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		280.5(267.5T)		AA 00600	
	SOLVA	050		DF		FB					
	WIFFY	060		TF		FO	1.0	295.1(282.1T)		AA 03000	
	WIFFY	070		HM	L	FO		101.4(088.4T)	006.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EBUXE	N430206.33	W0754640.34	N4302.106	W07546.672
	JAMDI	N430700.45	W0755123.71	N4307.008	W07551.395
	SOLVA	N430615.52	W0761431.82	N4306.259	W07614.530
	TEBOR	N425918.90	W0754359.37	N4259.315	W07543.990
	WEEPY	N432031.63	W0755004.16	N4320.527	W07550.069
	WIFFY	N430907.96	W0763300.08	N4309.133	W07633.001
	YAVGU	N431259.61	W0755048.60	N4312.994	W07550.810
	ZIMBI	N430643.00	W0760040.07	N4306.717	W07600.668
	RW28	N430633.51	W0760532.91	N4306.559	W07605.549

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00400	60

QUALITY CHECKED

CITY AND STATE	ELEVATION: 421 THRE: 400	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28
SYRACUSE, NY	AIRPORT NAME: SYRACUSE HANCOCK INTL	RNAV	RNAV (GPS) Z RWY 28, AMDT 2A	AMDT: 2
				DATED: 04/07/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	WEEPY	YAVGU	1. AAO	432118.00N/0755042.00W	1001 (4E)	1000	AT699	2700
			2. TERRAIN	432021.00N/0754833.00W	791 (800)		AS1500	2300
FEEDER	TEBOR	EBUXE	3. AAO	425739.00N/0754454.00W	2031 (4E)	1000	AT269	3300
			4. TERRAIN	425930.00N/0754545.00W	1703 (1700)		AS1500	3200
INITIAL	YAVGU	JAMDI	5. TOWER (36-001665)	430924.00N/0755723.00W	767 (5D)	1000	AT933	2700
			6. TERRAIN	430848.00N/0754836.00W	496 (500)		AS1500	2000
INITIAL	EBUXE	JAMDI	7. AAO	430048.00N/0754651.00W	1549 (4E)	1000	AT151	2700
			8. TERRAIN	430142.00N/0754803.00W	1132 (1100)		AS1500	2600
INTERMEDIATE	JAMDI	ZIMBI	5. TOWER (36-001665)	430924.00N/0755723.00W	767 (5D)	500	AT333	1600
			9. TERRAIN	430603.00N/0755015.00W	493 (500)		AS1000	1500
FINAL: LPV	ZIMBI	RW28				ASC		600/200
FINAL: LNAV/VNAV	ZIMBI	RW28	10. TREE (KSYRT0675)	430611.60N/0760408.14W	547 (1A)	24:02:1		837/437
FINAL: LNAV	ZIMBI	RW28	11. TREE (KSYRT0682)	430614.02N/0760340.17W	561 (1B)	250		820
2. PROCEDURE TURN								
3. MISSED APPROACH MAP:	DA / DA / RW28	WIFFY				ASC		3000
			12. AAO	430745.00N/0762342.00W	912 (4E)	1000		2000
ELEV:	432/676/720		13. TERRAIN	430745.00N/0762342.00W	712 (700)		AS1500	2200
			14. TOWER (36-024664)	430527.23N/0760535.62W	575 (1A)	300		880
			15. TOWER(KSYRT0683)	430833.46N/0760730.66W	597 (1A)	300		900
			15. TOWER(KSYRT0683)	430833.46N/0760730.66W	597 (1A)	300		900
			16. TOWER (36-000432)	430908.00N/0760759.00W	598 (4D)	300	HAA	980

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	459
CATEGORY B	1.5 NM	450	479
CATEGORY C	1.7 NM	450	479
CATEGORY D	2.3 NM	550	559
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW28

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (36-001183)	211/ 14.5	2610 (5E)	3700					

CITY AND STATE	ELEVATION: 421 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
SYRACUSE, NY	SYRACUSE HANCOCK INTL	RNAV	RNAV (GPS) Z RWY 28, AMDT 2A	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZNY ARTCC SYR APP CON SYR TOWER	N W S / F A A / A / C — OTHER: ASOS	SOURCE: KSYR DISTANCE: 0 HOURS REMOTE OPERATION: 24
SATISFACTORY ON: X VHF X UHF H F	LOCATION: KSYR	ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 28
		(S) SALS
	X	MALS 15 MALSR 10
	X	HIRL 10, 28, 33, 15
		MIRL
		REIL
	X	TDZ 28
	X	C/L 10, 28, 33, 15
	X	OTHER (SPECIFY) PAPI-4R 28 PAPI-4L 33 VASI-4L 10, 15
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 10, 28
	INSTRUMENT	NPI-G 33, 15
7. RUNWAY VISUAL RANGE	APPROACH	10, 28, 33
	MIDFIELD	10, 28
	ROLL OUT	10, 28
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 400.4
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 60.0
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DAN POWELL	DATE: 10/24/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

FLIGHT CHECK RDH 60.0 FT, (ORDER 8260.3B CHG 19).

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 624 AAO 430658N/0760022W

VGSI DATA: 3.00 TCH 60

KSYR ASOS ON SERVICE A.
BACK-UP ALTIMETER NOT REQUIRED, REDUNDANT WEATHER SOURCES.

NO ADDITIONAL AIRSPACE REQUIRED.

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 24.021:1
ACT: -21C
ARPT ISA: 14C
ISA DEV: -35C
AVERAGE COLD TEMPERATURE BASED ON 5-YEAR HISTORY (2007-2011).
HIGH TEMPERATURE LIMIT DERIVED FROM AFS-400 CALCULATOR.

TAA NOT DEVELOPED PER ATC REQUEST.

AVERAGE VEGETATION ASSUMED TO BE 100 FEET PER FPO.

USED 1000 FEET AIRSPACE IN INTERMEDIATE SEGMENT.

CONTROLLING OBSTRUCTIONS AND TERRAIN SAME FOR ALL INTERMEDIATE SEGMENTS.

LPV FINAL: OBST KSYRT0035 ZEROED OUT FOR BUILD AS THIS OBST IS A NAVAID AND CONSIDERED FRANGIBLE; FINAL REMAINS ASC.

CIRCLING RWY 15: OBST KSYRT0237 (MALS) SHOWS AS A PENETRATION; OBSTACLE IS LIT SO NO RESTRICTIONS REQUIRED.

QUALITY CHECKED