

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**ILS STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.29**

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> ILS OR LOC RWY 10	<u>ORIGINAL/AMENDMENT</u> 14	<u>CITY</u> SYRACUSE	<u>STATE</u> NY	
<u>AIRPORT ELEVATION</u> 421	<u>TDZE</u> 421	<u>SUPERSEDED</u> ILS OR LOC RWY 10	<u>ORIGINAL/AMENDMENT</u> 13B	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 13W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-MRZ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 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>
SYR VORTAC		SCRBY/I-MRZ 16.66 DME/RADAR					262.69	12.18	3800
SCRBY/I-MRZ 16.66 DME/RADAR	IF/IAF	MOYIK INT/12.66 DME/RADAR					100.42	4.00 (I-MRZ)	3200
MOYIK INT/12.66 DME/RADAR		SOLVA INT/6.73 DME/RADAR					100.42	5.92 (I-MRZ)	2100

**MISSED APPROACH**

**MAP:**

ILS: DA  
 LOC: 5.10 NM AFTER SOLVA INT/I-MRZ 6.73 DME/RADAR OR AT I-MRZ 1.63 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 081 AND ON SYR VORTAC R-111 TO STODA INT/SYR VORTAC 15.54 DME/RADAR AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)
- HOLD W SCRBY, RT, 100.42 INBOUND, 3800 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 100.42      **FAF:** SOLVA INT/6.73 DME/RADAR      **DIST FAF TO MAP:** 5.10      **DIST FAF TO THLD:** 5.10
- MIN ALT:** SCRBY/I-MRZ 16.66 DME/RADAR 3800, MOYIK INT/12.66 DME/RADAR 3200, SOLVA INT/6.73 DME/RADAR 2100, TANUE/I-MRZ 3.23 DME 980\*
- DIST TO THLD FROM OM:**      **MM:**      **IM:**      **150 HAT:**      **GS ANT:** 1022
- MIN GS INCPT:** 2100      **GS ALT AT FAF :** SOLVA INT/6.73 DME/RADAR 2100      **OM:**      **MM:**      **IM:**
- GP ANGLE:** 3.00      **34:1:**      **20:1:**      **TCH:** 55.2
- MSA FROM:** SYR VORTAC 020-110 2800, 110-260 3700, 260-020 2100

**EQUIPMENT REQUIREMENTS NOTES:**

DME OR RADAR REQUIRED.



**NOTES:**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SYR VORTAC AIRWAY RADIALS 207 CW 294.

CHART NOTE: TANUE FIX MINIMUMS, FOR INOPERATIVE ALS, INCREASE S-LOC 10 CATS C AND D VISIBILITY TO RVR 5500.

CHART NOTE: \*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

**ADDITIONAL FLIGHT DATA:**

CHART IN PLANVIEW AT SCRBY: SYR 12.18 DME.

CHART CIRCLING ICON.

CHART VDP AT 2.58 DME\*

DISTANCE VDP TO THLD 0.96 NM

\* LOC ONLY

CHART FAS OBST: 513 TREE 430620N/0760826W.

720 AA0 430526N/0761444W.

HOLD E, RT, 290.62 INBOUND

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
S-ILS 10**	621	2400	200	621	2400	200	621	2400	200	621	2400	200			
S-LOC 10	980	2400	559	980	2400	559	980	6000	559	980	6000	559			
CIRCLING	980	1	559	980	1	559	1020	1 5/8	599	1180	2 1/2	759			
TANUE FIX MINIMUMS (DME REQUIRED)															
S-LOC 10	780	2400	359	780	2400	359	780	3000	359	780	3000	359			
CIRCLING	900	1	479	920	1	499	1020	1 1/2	599	1180	2 1/2	759			



**CHANGES - REASONS**

- 1. REMOVED TERMINAL ROUTE FROM GGT VORTAC AND ITH VOR/DME - VOR MON NAVAID DECOMMISSIONING.
- 2. ADDED MAX 6000 TO LINE 2 - 8260.19H 8-6-7
- 3. LINE 4 CHANGED FROM JOBEL 3800, MOYIK 3200, SOLVA 2100, TANUE/I-MRZ 3.23 DME 840\* TO SCRBY/I-MRZ 16.66 DME/RADAR 3800, MOYIK INT/12.66 DME/RADAR 3200, SOLVA INT/6.73 DME/RADAR 2100, TANUE/I-MRZ 3.23 DME 980\* - 8260.19H 8-6-7
- 4. LINE 6 CHANGED FROM SOLVA 2100 TO SOLVA INT/6.73 DME/RADAR 2100 - 8260.19H 8-6-7
- 5. REMOVED ALTERNATE MISSED APPROACH. - GGT VORTAC DECOMMISSIONING AND LACK OF VIABLE NAVAIDS TO REPLACE SEGMENT.
- 6. REMOVED CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W GGT VORTAC, RT, 103.50 INBOUND FROM ADDITIONAL FLIGHT DATA -REMOVED ALTERNATE MISSED.
- 7. ADDITIONAL FLIGHT DATA CHANGED FROM CHART VDP AT 2.59 DME\* TO CHART VDP AT 2.58 DME\* - DISTANCE FROM DME SOURCE TO 0.96NM FROM THRE
- 8. REMOVED CHART IN PLANVIEW: GGT VORTAC FROM ADDITIONAL FLIGHT DATA - GGT VOR MON DECOMMISSIONING.
- 9. ADDED ALTERNATE MINIMUM NOTE NA WHEN LOCAL WEATHER NOT AVAILABLE AND ALTERNATE MINS CHANGED FROM STANDARD TO ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/2 - CAT D MINS WERE RAISED.
- 10. CIRCLING CAT A MDA/HAA CHANGED FROM 880/459 TO 980/559 W/O SDF AND FROM 880/459 TO 900/479 WITH SDF - EXPANDED CIRCLING APPLIED.8260.19H 8-6-11 AND RAISED SDF ALTITUDE.
- 11. CIRCLING CAT C MDA/HAA CHANGED FROM 900/479 TO 1020/599 - EXPANDED CIRCLING APPLIED
- 12. CIRCLING CAT D MDA/HAA CHANGED FROM 980/559 TO 1180/759 AND VISIBILITY CHANGED FROM 2 SM TO 2 1/2 SM - EXPANDED CIRCLING APPLIED.
- 13. CIRCLING CAT B MDA/HAA CHANGED FROM 900/479 TO 980/559 W/O SDF AND FROM 900/479 TO 920/499 WITH SDF - EXPANDED CIRCLING APPLIED.8260.19H 8-6-11 AND RAISED SDF ALTITUDE.
- 14. TANUE FIX MINIMUMS NAME CHANGED TO TANUE FIX MINIMUMS (DME REQUIRED) - 8260.19H 8-6-11.
- 15. RAISED TANUE SDF ALTITUDE FROM 840 TO 980 AND HAT FROM 419 TO 559. - PLACE SDF ALTITUDE ON OPTIMAL FINAL VDA.
- 16. ADDED DME OR RADAR REQUIRED. IN EQUIPMENT REQUIREMENTS NOTES. - IAW 8260.19H 8-6-8.
- 17. REPLACED FEEDER ROUTE SYR VORTAC TO JOBEL/INT/I-MRZ 16.66 DME WITH: SYR VORTAC TO SCRBY/I-MRZ 16.66 DME. - ATC/FPT REQUEST JOBEL NAME CHANGE TO SCRBY.
- 18. REMOVED MASLR INOP NOTE. - NO LONGER REQUIRED. INOP TABLE COVERS INCREASES IN VISIBILITY.
- 19. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SYR VORTAC AIRWAY RADIALS 207 CW 294. - IAW 8260.19H 8-2-5 E.
- 20. ADDED CHART IN PLANVIEW AT SCRBY: SYR 12.18 DME. - IAW 8260.19H 7-5-2.
- 21. CHANGED TANUE FIX INOPERATIVE ALS CHART NOTE FROM "...MALSR, INCREASE S-LOC 10 ALL CATS VISIBILITY TO RVR 5500" TO "...ALS, INCREASE S-LOC 10 CATS C AND D VISIBILITY TO RVR 5500." - NEW EVAL COMPLETED.

**COORDINATED WITH:**

**AAA** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, SYR APP CON, SYR ATCT, AIRPORT MANAGER, NY DOT

**FLIGHT CHECKED BY**

ALEX KRAUSE *Digitally signed by*  
**MARLON J ROBINSON**

**OFFICE**

FICO

**DATE**

11/17/19

**DEVELOPED BY**

CASIMIR L. TABAKA (ANDRE TUCKER) Nov 19, 2019 *Digitally signed by*  
**HEIDI SNIDER**

**OFFICE**

AJV-A422

**DATE**

08/30/2019

**APPROVED BY**

MARLON ROBINSON *Digitally signed by*  
**HEIDI SNIDER**  
Oct 31, 2019

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER

