

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) 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.

AIRPORT HAMILTON MUNI	AIRPORT ID KVGC	PROCEDURE NAME RNAV (GPS) RWY 35	ORIGINAL/AMENDMENT 1	CITY HAMILTON	STATE NY
AIRPORT ELEVATION 1137	TDZE 1135	SUPERSEDED RNAV (GPS) RWY 35	ORIGINAL/AMENDMENT ORIG-B	DATED 04/30/2015	MAG VAR 11W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 SEPTEMBER 2019	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND	EPOCH YEAR 1980

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 260/30 CW 080/30	NOPT	260/8 CW 080/8		4800
2. 260/8 CW 080/8		TRINT	IF/IAF	3600
3. 080/30 CW 260/30		080/8 CW 260/8		4600
4. 080/8 CW 260/8		TRINT	IAF	3600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TRINT	IF/IAF	ACAFO		TF	FB	1.00	349.85	7.18	3000
ACAFO	FAF	CAPUM/2.60 NM TO RW35		TF	FB	0.30	349.81	1.99	
CAPUM/2.60 NM TO RW35		RW35	MAP	TF	FO	0.30	349.81	2.60	
RW35	MAP	1537 MSL		CA			349.81		
1537 MSL		KREMM		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT KREMM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD S TRINT, RT, 349.85 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 349.81 **FAF:** ACAFO **DIST FAF TO MAP:** 4.59 **DIST FAF TO THLD:** 4.59
- 4. **MIN ALT:** TRINT 3600, ACAFO 3000, CAPUM/2.60 NM TO RW35 2200*
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **446 HAT:** 1.05 **GS ANT:**
- 6. **MIN GP INCPT:** 3000 **GP ALT AT FAF :** ACAFO 3000 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.77 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SYRACUSE ALTIMETER SETTING.
 CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 50°C.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SYRACUSE ALTIMETER SETTING AND INCREASE LPV DA TO 1748, LNAV/VNAV DA TO 2164 AND ALL MDA 180 FT;
 INCREASE LPV VISIBILITY TO 1 3/4 SM AND LNAV CAT A/B VISIBILITY TO 1 1/2 SM AND CAT C VISIBILITY TO 2 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 1.64 NM TO RW35*
 *LNAV ONLY
 WAAS CHANNEL #70518
 REFERENCE PATH ID: W35A
 CHART FAS OBST: 1609 TREE 424843N/0753150W.
 HOLD N, RT, 169.70 INBOUND
 LTP HAE: 309.6 M

MINIMUMS:

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

ALTERNATE: NA

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	1581	1 3/8	446	1581	1 3/8	446	1581	1 3/8	446		NA					
LNAV/VNAV DA	1997	4	862	1997	4	862	1997	4	862		NA					
LNAV MDA	1860	1	725	1860	1	725	1860	2	725		NA					
CIRCLING	2040	1 1/4	903	2120	1 1/2	983	2340	3	1203		NA					



CHANGES - REASONS

1. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH TO EQUIPMENT REQUIREMENTS NOTE - PER 8260.19H.
2. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RKA VOR/DME ON V433-483 SOUTHEAST BOUND - FEEDER BEING REPLACED WITH TAA.
3. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GGT VORTAC AIRWAY RADIALS 334 CW 075 - GGT SCHEDULED FOR DECOMMISSIONING/FEEDER BEING REPLACED WITH TAA.
4. ADDED HOLD-IN-LIEU AT TRINT - ADDED TAA TO PROCEDURE.
5. RAISED KREMM MIN ALTITUDE FROM 3500 TO 3600 - TO SUPPORT TAA STEPDOWN MIN ALTITUDE.
6. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA/RADII APPLIED.
7. MISSED APPROACH REDESIGNED FROM TERMINATING AT DINNO/4000 TO TERMINATING AT KREMM/3500 - PER FPT COORDINATION.
8. CHANGED INTERMEDIATE SEGMENT LENGTH FROM 6.26 TO 7.18 - FAF (ACAFO) MOVED 5584 FT N.
9. ADDED LANV STEPDOWN FIX (CAPUM) - LOWER MDA PER FPT COORDINATION.
10. CHANGED DIST FAF TO MAP/THLD FROM 5.51 TO 4.59 - FAF MOVED DUE TO NEW GPA/TCH.
11. CHANGED GPA/TCH FROM 3.08/50 TO 3.77/40 - 8260.3D, PARA 2-6-2B/HIGHEST GPA ALLOWED FOR CAT C, CLOSER TO THE VGSI ANGLE OF 4.00.
12. RAISED LPV DA/HAT FROM 1392/257 TO 1581/446 - TARGETS/NEW OBSTACLE EVALUATION.
13. LOWERED LNAV/VNAV DA/HAT FROM 2114/979 TO 1997/862 - TARGETS/NEW OBSTACLE EVALUATION.
14. LOWERED LNAV MDA/HAT FROM 1960/825 TO 1860/725 - TARGETS/NEW OBSTACLE EVALUATION/STEPDOWN ADDED.
15. RAISED CIRCLING MDA/HAA: CAT B FROM 2040/903 TO 2120/983 AND CAT C FROM 2120/983 TO 2340/1203 - NEW CIRCLING RADII/CRITERIA APPLIED/NEW OBSTACLE EVALUATION.
16. RAISED LPV VISIBILITY FROM 1 (ALL CATS) TO 1 3/8 (ALL CATS) - NEW VISCHECK VALUES.
17. LOWERED LNAV VISIBILITY CAT B FROM 1 1/4 TO 1 - NEW VISCHECK VALUES.
18. RAISED LNAV VISIBILITY CAT C FROM 1 1/2 TO 2 - NEW VISCHECK VALUES.
19. RAISED CIRCLING CAT B VISIBILITY FROM 1 1/4 TO 1 1/2 - NEW VISCHECK VALUES.
20. CRC REMAINDER CHANGED FROM 4CBC9D2A TO 30CA5601 - GPA/TCH CHANGED.
21. FPAP LAT/LONG CHANGED FROM 425135.0000N/0753411.2600W TO 425135.9970N/0753411.2575W - GPA/TCH CHANGED.

5/16/2019: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON: 03/15/2019:

1. CHANGED FAS DATA: FPAP LAT/LONG FROM: 425135.9970N/0753411.2575W TO: 425134.9970N/0753411.2575W.
2. CHANGED FAS DATA: CRC REMAINDER FROM: 30CA5601 TO: 2A5B9188.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZBW, SYR APP CON, AMGR

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by **WARDELL HENNING** **OFFICE** **DATE**
 FICO 6/14/19
 Jun 18, 2019

DEVELOPED BY

WARDELL HENNING (THERON CYRUS)

Digitally signed by **WARDELL HENNING** **OFFICE** **DATE**
 AJV-A432 03/25/2019
 Jun 18, 2019

APPROVED BY

LONNIE EVERHART

Digitally signed by **WARDELL HENNING**
 Jun 18, 2019

OFFICE **DATE** **TITLE**
 AJV-A430
 MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVGC
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	425011.9185N
LTP/FTP LONGITUDE	0753327.4090W
LTP/FTP ELLIPSOIDAL HEIGHT	+03096
FPAP LATITUDE	425134.9970N
FPAP LONGITUDE	0753411.2575W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.77
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2A5B9188

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03416
FPAP ORTHOMETRIC HEIGHT	+03416

