

**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.

<u>AIRPORT ID</u> KHFD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> HARTFORD	<u>STATE</u> CT		
<u>AIRPORT ELEVATION</u> 18	<u>TDZE</u> 17	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 05/28/2015	<u>MAG VAR</u> 15W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 NOVEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-21

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MAD VOR/DME	IAF	WEGOT		TF	FB	1.00	033.33	14.31	2500
SNIVL	IAF	WEGOT		TF	FB	1.00	076.69	7.72	2500
THUMB	IAF	WEGOT		TF	FB	1.00	290.63	10.57	2500
WEGOT	IF	LOMIS		TF	FB	1.00	002.03	6.00	2200
LOMIS	FAF	DANNS/1.40 NM TO GERRE		TF	FB	0.30	002.01	4.12	
DANNS/1.40 NM TO GERRE		GERRE	MAP	TF	FO	0.30	002.01	1.40	
GERRE	MAP	418 MSL		CA			002.01		
418 MSL		RAMBO		DF	FO	1.00			2500

**MISSED APPROACH**

**MAP:**

LNAV: GERRE

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING RIGHT TURN TO 2500 DIRECT RAMBO AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**            **SIDE OF COURSE**                            **OUTBOUND**                            **FT WITHIN**                            **MILES OF**                            (IAF)
- 2. PROFILE STARTS AT WEGOT
- 3. **FAC:** 002.01    **FAF:** LOMIS    **DIST FAF TO MAP:** 5.52    **DIST FAF TO THLD:** 5.82
- 4. **MIN ALT:**    WEGOT 2500, LOMIS 2200, DANNS/1.40 NM TO GERRE 680
- 5. **DIST TO THLD FROM OM:**                            **MM:**    **IM:**    **150 HAT:**    **GS ANT:**
- 6. **MIN GP INCPT:**    **GP ALT AT FAF :**    **OM:**    **MM:**    **IM:**
- 7. **GP ANGLE:**    **34:1:** IS NOT CLEAR    **20:1:** IS NOT CLEAR    **TCH:**
- 8. **MSA FROM:**    GERRE 3100

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

- CHART NOTE: CIRCLING NA AT NIGHT.
- CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
- CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SNIVL ON V229 SOUTHWEST BOUND AND ARRIVALS AT THUMB ON V58 AND T216 SOUTHEAST BOUND. ←
- CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MAD VOR/DME AIRWAY RADIALS 317 CW 078.
- CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SNIVL ON V229 SOUTHWEST BOUND AND ARRIVALS AT THUMB ON V58 SOUTHEAST BOUND.
- CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MAD VOR/DME AIRWAY RADIALS 317 CW 078.
- CHART NOTE: STRAIGHT-IN RWY 02 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

**ADDITIONAL FLIGHT DATA:**

- CHART RENTSCHLER AIRPORT (CLOSED)
- HOLD E, LT, 266.00 INBOUND.
- CHART FAS OBST: 195 SPIRE 414247N/0723908W.
- 579 AAO 413825N/0723547W.
- FAC CROSSES RWY C/L EXTENDED 1322 FT FROM THLD.
- CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
- CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 21.96 DEGREES.

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT C 900-2 3/4, CAT D 1000-3

CATEGORY:	A			B			C			D			E		
	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
LNAV MDA	460	1	443	460	1	443	460	1 3/8	443	460	1 3/8	443			
CIRCLING	580	1	562	580	1	562	900	2 3/4	882	920	3	902			



**CHANGES - REASONS**

1. REMOVED ADDITIONAL FLIGHT DATA LOMIS TO RW02: 3.47/45 - VISUAL SEGMENT HAS OBSTACLES.
2. REMOVED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT - ANGLE NOT PUBLISHED DUE TO VISUAL SEGMENT OBSTACLES.
3. ADDED CHART PROFILE NOTE: "VISUAL SEGMENT - OBSTACLES" - OBSTACLES PENETRATE VISUAL SEGMENT.
4. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H, 8-6-8B(1).
5. ADDED 20:1 IS NOT CLEAR TO LINE 7 - 20:1 PENETRATIONS EXIST.
6. CHANGED CHART NOTE: FROM HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19H PARA 8-6-11K(3).
7. CHANGED CHART NOTE: FROM NIGHT LANDING: RWY 11, 20, 29 NA TO CIRCLING NA AT NIGHT - IAW 8260.19H 8-6-11O(2)(G).
8. CHANGED CHART NOTE: FROM NIGHT LANDING: RWY 2 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD TO STRAIGHT-IN RWY 02 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD - IAW 8260.19H 8-6-11O(2)(H).
9. CHANGED CHART PLANVIEW NOTE: FROM PROCEDURE NA FOR ARRIVALS AT SNIVL ON V229 SOUTHWEST BOUND AND ARRIVALS AT THUMB ON V58 SOUTHEAST BOUND TO PROCEDURE NA FOR ARRIVALS AT SNIVL ON V229 SOUTHWEST BOUND AND ARRIVALS AT THUMB ON V58 AND T216 SOUTHEAST BOUND - TURN EXCEEDS 90 DEGREES.

9/23/20 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/7/20

CHANGED NOTE PROCEDURE NA FOR ARRIVALS AT SNIVL ON V299 SOUTHWEST BOUND AND ARRIVALS AT THUMB ON V58 AND T216 SOUTHEAST BOUND TO READ PROCEDURE NA FOR ARRIVALS AT SNIVL ON V229 SOUTHWEST BOUND AND ARRIVALS AT THUMB ON V58 AND T216 SOUTHEAST BOUND.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** BDL ATCT, HFD ATCT, AMGR, EST FPT, ZBW

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE** *Digitally signed by* **DATE**

**DAVID TEFFETELLER**

Sep 23, 2020

**DEVELOPED BY**

WARDELL HENNING (RICHARD CHRISTENSEN)

*Digitally signed by*

**DAVID TEFFETELLER**

Sep 23, 2020

**OFFICE**

AJV-A432

**DATE**

04/20/2020

**APPROVED BY**

GEORGE DAVIS

*Digitally signed by*

**DAVID TEFFETELLER**

Sep 23, 2020

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

