

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> C09	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MORRIS	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 585	<u>TDZE</u> 585	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 08/16/2018
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3W
				<u>EPOCH YEAR</u> 2020
				<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>
FIEND	IAF	HAMKO		TF	FB	1.00	264.59	9.12	2300
PLANO	IAF	HAMKO		TF	FB	1.00	098.74	8.69	2300
HAMKO	IF	BEMSE		TF	FB	1.00	181.97	4.68	2300
BEMSE	FAF	PIDGE/1.70 NM TO RW18		TF	FB	0.30	181.98	3.55	
PIDGE/1.70 NM TO RW18		RW18	MAP	TF	FO	0.30	181.98	1.70	
RW18	MAP	960 MSL		CA			181.98		
960 MSL		DIBBL		DF	FO	1.00			2200

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 DIRECT DIBBL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HAMKO
- FAC: 181.98 FAF: BEMSE DIST FAF TO MAP: 5.25 DIST FAF TO THLD: 5.25
- MIN ALT: HAMKO 2300, BEMSE 2300, PIDGE/1.70 NM TO RW18 1160
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:
- MSA FROM: RW18 3100

QUALITY
34
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: VDP NA WHEN USING JOT ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOT ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 001.98 INBOUND.
CHART FAS OBST: 704 TREE 412657N/0882551W.
CHART 888 TOWER (17-002963) 413104N/0882517W.
CHART VDP AT 1.04 NM TO RW18.
BEMSE TO RW18: 3.00/44.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LNAV MDA	960	1	375	960	1	375	960	1	375		NA				
CIRCLING	1020	1	435	1140	1	555	1140	1 1/2	555		NA				

CHANGES - REASONS

1. TERMINAL ROUTES: ADDED SEGMENT FIEND IAF HAMKO/TF/FB/1.00/264.59/9.12/2300. - NEW IAF FIX FIEND REQUESTED BY FPT.
2. TERMINAL ROUTES: IF SEGMENT HAMKO TO BEMSE COURSE CHANGED FROM 181.98 TO 181.97 AND DISTANCE CHANGED FROM 4.67 TO 4.68. - FAF BEMSE MOVED 59.68 FT SOUTH.
3. TERMINAL ROUTES: FINAL SEGMENT BEMSE TO PIDGE DISTANCE CHANGED FROM 3.56 TO 3.55. - FAF BEMSE MOVED 59.68 FT SOUTH.
4. TERMINAL ROUTES: MISSED APPROACH CLIMB TO ALTITUDE CHANGED FROM 940 TO 960. - LNAV MDA/HAT CHANGED FROM 940/355 TO 960/375 ALL CATS, UPDATED OBSTACLE EVALUATION.
5. PROFILE LINE 3: DIST FAF TO MAP AND FAF TO THLD CHANGED FROM 5.26 TO 5.25. - FAF BEMSE MOVED 59.69 FT SOUTH.
6. PROFILE LINE 7: ADDED 20:1 IS CLEAR. - IAW 8260.19J 8-6-8 G.
7. PBN REQUIREMENTS NOTE CHANGED FROM RNP APCH TO RNP APCH - GPS. - IAW 8260.19J 8-6-8.
8. NOTES: ADDED CHART NOTE: VDP NA WHEN USING JOT ALTIMETER SETTING. - IAW 8260.19J 8-6-10 E.
9. NOTES: HELICOPTER VISIBILITY REDUCTION NOTE CHANGED FROM 1 SM TO 3/4 SM. - IAW 8260.19J 8-6-12, 20:1 SURFACE IS CLEAR, 34:1 SURFACE IS NOT CLEAR.
10. NOTES: DELETED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - VGSI AND VDA ARE COINCIDENT.
11. NOTES: DELETED CHART NOTE: STRAIGHT-IN, CIRCLING RWY 18 NA AT NIGHT. - IAW 8260.3F, 3-3-2, 20:1 SURFACE AREA IS CLEAR.
12. NOTES: DELED CHART NOTE: PROCEDURE NA FOR ARRIVALS AT PLANO ON V227 NORTHBOUND. - V227 FROM RBS VOR/DME TO PLANO CANCELLED.
13. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM "675 TREE (KC09T000196) 412613N/0882513W." TO "704 TREE 412657N/0882551W." - UPDATED OBSTACLE EVALUATION.
14. ADDITIONAL FLIGHT DATA: ADDED CHART VDP AT 1.04 NM TO RW 18. - IAW 8260.19J 8-6-11, 20:1 SURFACE AREA IS CLEAR.
15. ADDITIONAL FLIGHT DATA: VDA BEMSE TO RW18 CHANGED FROM 3.00/40 TO 3.00 TO 44. - PROCEDURE DEVELOPED TO MATCH VGSI DATA IAW 8260.3F 2-6-4 A.
16. MINIMUMS: LNAV MDA/HAT CHANGED FROM 940/355 TO 960/375 ALL CATS. - UPDATED OBSTACLE EVALUATION.
17. MINIMUMS: CIRCLING CMDA/HAA CHANGED FROM 980/395 TO 1020/435 CAT A. - UPDATED OBSTACLE EVALUATION.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZAU ARTCC, CHI APP CON, AMGR

FLIGHT CHECKED BY

MARC WEBBER

DEVELOPED BY

JOHN BORDY (RYAN PIPKIN)

APPROVED BY

JOHN BORDY

Digitally signed by

RAKE MCGRAW

Apr 15, 2025

OFFICE

AJF

DATE

04/13/2025

Digitally signed by

RAKE MCGRAW

Apr 15, 2025

OFFICE

AJV-A33

DATE

10/25/2024

Digitally signed by

RAKE MCGRAW

Apr 15, 2025

OFFICE

AJV-A33

DATE

05/08/2025

TITLE

MANAGER