

**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> KFEP	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> FREEPORT	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 859	<u>TDZE</u> 859	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 02/24/2022	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> 11/30/2023	<u>CANCEL/SUSPEND</u>		

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-25.

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MIHAL	IAF	HANKS	NOPT	TF	FB	1.00	018.65	10.93	2600
WACKS	IAF	HANKS	NOPT	TF	FB	1.00	099.15	11.19	2600
HANKS	IF/IAF	BABJY		TF	FB	1.00	054.07	6.12	2600
BABJY	FAF	RW06	MAP	TF	FO	0.30	054.15	5.23	
RW06	MAP	1109 MSL		CA			054.15		
1109 MSL		ADOSE		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT ADOSE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD SW HANKS, LT, 054.07 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 054.15 **FAF:** BABJY **DIST FAF TO MAP:** 5.23 **DIST FAF TO THLD:** 5.23
- 4. **MIN ALT:** HANKS 2600, BABJY 2600
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.63 **GS ANT:**
- 6. **MIN GP INCPT:** 2600 **GP ALT AT PFAF :** BABJY 2600 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 50.0
- 8. **MSA FROM:** RW06 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 13, 18, 31 AND 36.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WACKS ON V216 SOUTHWEST BOUND. ←

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 234.36 INBOUND.
 FAS OBST: 1120 AAO 421156N/0893845W.
 CHART VDP AT 1.47 NM TO RW06.
 WAAS CHANNEL # 56404
 REFERENCE PATH ID: W06A
 LTP HAE: 228.7 M

MINIMUMS:

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

ALTERNATE: NA 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
LPV DA	1109	3/4	250	1109	3/4	250	1109	3/4	250	1109	3/4	250				
LNAV/VNAV DA	1371	1 3/8	512	1371	1 3/8	512	1371	1 3/8	512	1371	1 3/8	512				
LNAV MDA	1380	1	521	1380	1	521	1380	1 1/2	521	1380	1 1/2	521				
CIRCLING	1380	1	521	1400	1	541	1440	1 1/2	581	1620	2 1/2	761				



CHANGES - REASONS

1. INCORPORATED P-NOTAM ORIG A AND ORIG B INTO THIS FORM - IAW 8260.19I.
2. TERMINAL ROUTES: DELETED FEEDER SEGMENT FROM PLL VOR/DME TO HANKS - PLL VOR/DME DECOMMISSIONING.
3. PROFILE LINE 2: ADDED MAX 6000 - IAW 8260.19I.
4. PROFILE LINE 6: ADDED 2600 TO GP ALT AT PFAF - IAW 8260.19I.
5. PROFILE LINE 7: ADDED IS CLEAR TO 20:1 - IAW 8260.19I.
6. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS - IAW 826019I.
7. NOTES: DELETED CHART NOTE: DME/DME RNP-0.3 NA - NO LONGER REQUIRED IAW 8260.19I
8. NOTES: CHANGED CHART NOTE FROM "UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 47°C (116°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - UPDATED NOTE FORMAT AND UPDATED ABOVE TEMPERATURE VALUE IAW 8260.19I AND 8260.58B.
9. NOTES: MOVED BACKUP ALTIMETER CHART NOTES TO BACK OF -9 FOR CONTINGENCY PURPOSES - IAW 8260.19I.
10. NOTES: CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL AT WACKS VIA V216 SOUTHWEST BOUND, AND ARRIVAL AT MIHAL VIA V63 SOUTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVAL AT WACKS ON V216 SOUTHWEST BOUND, AND ARRIVAL AT MIHAL ON V63 SOUTHWEST BOUND - NEW NOTE FORMATTING IAW 8260.19I.
11. MINIMUMS: CHANGED LNAV/VNAV VISIBILITY ALL CATS FROM 1 3/4 TO 1 3/8, LNAV ALL CATS MDA/HAT FROM 1260/401 TO 1380/521, LNAV CAT C/D VIS FROM 1 1/8 TO 1 1/2 AND CIRCLING CAT A MDA/HAA FROM 1320/461 TO 1380/521 - IAW 8260.3D TABLE 3-3-1.
12. FAS DATA: CRC REMAINDER CHANGED FROM "CF4C1BEC" TO "974E066B" - LTP/FTP LAT/LONG CHANGED FROM "421423.8000N/0893524.3800W" TO "421423.7955N/0893524.3805W" FPAP LAT/LONG CHANGED FROM "421515.9200N/0893347.0600W" TO "421515.9135N/0893347.0595W".
13. ADDITIONAL FLIGHT DATA: CHANGED NOTE FROM "CHART VDP 1.10 MILES TO RWY 06*" TO "CHART VDP AT 1.47 NM TO RWY 06" - INCREASE IN LNAV MDA AND ASTERISK NO LONGER REQUIRED IAW 8260.19I.
14. ADDITIONAL FLIGHT DATA: REMOVED *LNAV ONLY - NO LONGER REQUIRED IAW 8260.19I.
15. ADDITIONAL FLIGHT DATA : CHANGED FAS OBSTACLE FROM "CHART FAS OBST: 999 TREE 421326N/0893546W" TO "FAS OBST: 1120 AAO 421156N/0893845W" - NEW CONTROLLING OBSTACLE IDENTIFIED IN LNAV FINAL IAW 8260.19I.

10/18/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/13/2023.

1. NOTES: CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT WACKS ON V216 SOUTHWEST BOUND, AND ARRIVALS AT MIHAL ON V63 SOUTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT WACKS ON V216 SOUTHWEST BOUND."

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA **OTHER:** ZAU, RFD APP CON, AMGR, IL ST AERO

Digitally signed by

FLIGHT CHECKED BY
MICHAEL A GREENWOOD

ERIC N SUSKI
Sep 13, 2023

OFFICE
FPO
DATE
10/03/2023

Digitally signed by

DEVELOPED BY
ERIC N SUSKI (DEXTER SWEETING)

ERIC N SUSKI
Sep 13, 2023

OFFICE
AJV-A431
DATE
06/06/2023

APPROVED BY
ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Oct 18, 2023

OFFICE
AJV-A431
DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFEP
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	421423.7955N
LTP/FTP LONGITUDE	0893524.3805W
LTP/FTP ELLIPSOIDAL HEIGHT	+02287
FPAP LATITUDE	421515.9135N
FPAP LONGITUDE	0893347.0595W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	974E066B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02618
FPAP ORTHOMETRIC HEIGHT	+02618