

**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> KEFW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> JEFFERSON	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 1047	<u>TDZE</u> 1043	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 10/07/2021	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 050/30 CW 230/30	NOPT	TEZOB	IF/IAF	3100
2. 230/30 CW 320/30		UDIXY	IAF	3100
3. 320/30 CW 050/30		WOKIP	IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
UDIXY	IAF	TEZOB	NOPT	TF	FB	1.00	229.81	5.00	3100
WOKIP	IAF	TEZOB	NOPT	TF	FB	1.00	049.69	5.00	3100
TEZOB	IF/IAF	SUGDY		TF	FB	1.00	139.75	6.04	2800
SUGDY	FAF	RW14	MAP	TF	FO	0.30	139.80	5.39	
RW14	MAP	1330 MSL		CA			139.80		
1330 MSL		PELEA		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT PELEA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. REMOVED MSA FROM RW14 3100; ADDED TAA TO PROCEDURE - REDESIGN FOR PROCEDURE ENTRY.
2. REMOVED FEEDER ROUTE MADUP TO WOKIP - ADDED TAA TO PROCEDURE.
3. CHANGED TERMINAL ROUTES UDIXY TO TEZOB, WOKIP TO TEZOB, ALTITUDE INCREASED FROM 3000 TO 3100 - REDESIGN FOR PROCEDURE ENTRY.
4. CHANGED TERMINAL ROUTES TEZOB TO SUGDY, DISTANCE CHANGED FROM 6.10 NM TO 6.04 NM - FAF COORDINATES CHANGED.
5. CHANGED TERMINAL ROUTES SUGDY TO RW14, DISTANCE CHANGED FROM 5.31 NM TO 5.39 NM - FAF COORDINATES CHANGED.
6. UPDATED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 3000 DIRECT TO PELEA AND HOLD TO CLIMB TO 3100 DIRECT PELEA AND HOLD - PER FPT CHECKLIST.
7. CHANGED PROFILE LINE 2 RAISED MIN HOLD-IN-LIEU ALTITUDE FROM 3000 TO 3100 - INCREASED IF AND IAF ALTITUDES FROM 3000 TO 3100 PER FPT CHECKLIST.
8. UPDTAED PROFILE LINE 3 DIST FAF TO MAP AND DIST FAF TO THLD FROM 5.31 TO 5.39 - FAF MOVED 357.87 FT NORTHWEST.
9. CHANGED PROFILE LINE 4 RAISED IF/IAF ALTITUDE FROM 3000 TO 3100 - INCREASED IF ALTITUDE PER FPT CHECKLIST.
10. CHANGED PROFILE LINE 5 HAT FROM 286 HAT: 0.77 TO 287 HAT: 0.77; ADDED DIST FROM THLD TO PFAF: 5.39 - LPV DA/HAT UPDATED; 8260.19I 8-6-7 E.
11. CHANGED PROFILE LINE 7 20:1 FROM IS NOT CLEAR TO IS CLEAR - NO 20:1 PENETRATIONS.
12. CHANGED PBN NOTE FROM RNP APCH TO RNP APCH - GPS - 8260.19I 8-6-8B(2).
13. REMOVED CHART NOTE PROCEDURE NA AT NIGHT - NO 20:1 PENETRATIONS.
14. ADDED CHART NOTE CIRCLING NA TO RWYS 18 AND 36 - RWYS 18 AND 36 ARE TURF RWYS.
15. CHANGED CHART NOTE FROM RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 PENETRATIONS EXIST; NO 20:1 PENETRATIONS.
16. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MADUP ON V138 SOUTHWEST BOUND - REMOVED FEEDER FROM PROCEDURE; TAA ADDED TO PROCEDURE.
17. UPDATED CHART FAS OSBTACLE FROM 1309 GRAIN ELEVATOR 420145N/0942214W TO 1311 ELEVATOR (19-062046) 420145N/0942213W - NEW OBSTACLE EVALUATION.
18. LPV ALL CATS HAT UPDATED FROM 286 TO 287 - UPDATED OBSTACLE SURVEY.
19. LNAV/VNAV ALL CATS DA/MDA UPDATED FROM 1907/863 TO 1659/616 AND ALL CATS VISIBILITY FROM 3 SM TO 1 3/4 SM - 8260.3D 3-3-1, NEW CONTROLLING OBSTACLE AND UPDATED AIRPORT SURVEY AND REVISED VISIBILITY CALCULATIONS IAW TABLE 3-3-1.
20. LNAV ALL CATS DA/MDA UPDATED FROM 1780/736 TO 1600/557 - NEW CONTROLLING OBSTACLE.
21. CIRCLING CAT A MDA/HAA CHANGED FROM 1780/736 TO 1600/553, CIRCLING CAT B FROM 1820/776 TO 1660/613 AND CAT B VISIBILITY FROM 1 1/4 SM TO 1 SM - NEW CONTROLLING OBSTACLES REVISED VISIBILITY CALCULATIONS IAW TABLE 3-3-7.
22. FAS DATA LTP/FTP COORDINATES CHANGED FROM 420049.6400N/0942048.9800W TO 420048.8565N/0942048.1790W - INCORPORATED PENDING AIRNAV DATA.
23. FAS DATA FPAP COORDIANTES CHANGED FROM 415938.5900N/0941936.8200W TO 415937.8050N/0941936.0150W - NEW EVALUTAION.
24. FAS DATA LENGTH OFFSET CHANGED FROM 1776 TO 1528 - 8260.52A 3-1-5 C(2).
25. FAS DATA CRC REMAINDER CHANGED FROM DE1E3945 TO BB2BC41C - FPAP AND LTP/FTP COORDINATES CHANGED.

08/03/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 06/28/2021:

1. ADDED CHART NOTE: USE PERRY ALTIMETER SETTING. WHEN NOT RECEIVED, USE CARROL ALTIMETER SETTING AND INCREASE LPV DA TO 1362 FEET, INCREASE LNAV/VNAV DA TO 1691 FEET AND VISIBILITY 1/8 SM. INCREASE ALL MDA 40 FEET.

COORDINATED WITH:

~~A4A~~ ☐ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☐ ~~HAI~~ ☐ ~~NBAA~~ ☒ **OTHER:** ZMP ARTCC, AMGR

FLIGHT CHECKED BY
MATTHEW RYAN BUFORD

Digitally signed by
DONALD H LANIER

Aug 04, 2021

OFFICE
FIOG

DATE
07/30/2021

DEVELOPED BY
DONALD H. LANIER (MICAH HILLEY)

Digitally signed by
DONALD H LANIER

Aug 04, 2021

OFFICE
AJV-A431

DATE
05/24/2021

APPROVED BY
LONNIE EVERHART

Digitally signed by
DONALD H LANIER

Aug 04, 2021

OFFICE
AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEFW
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	420048.8565N
LTP/FTP LONGITUDE	0942048.1790W
LTP/FTP ELLIPSOIDAL HEIGHT	+02909
FPAP LATITUDE	415937.8050N
FPAP LONGITUDE	0941936.0150W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BB2BC41C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03180
FPAP ORTHOMETRIC HEIGHT	+03180



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KEFW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>AMDT NO.</u> 1	<u>CITY</u> JEFFERSON	<u>STATE</u> IA	<u>AIRPORT ELEVATION</u> 1047	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
050/30 CW 230/30

TO
TEZOB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
												WINDMILL (19-003019)	420724.77N/0951248.20W	1937	500	125	5E	1000				AT163	3100
												TERRAIN	415527.00N/0950051.00W	1541 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM
230/30 CW 320/30

TO
UDIXY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
												TOWER (19-000837)	415408.75N/0935416.05W	2044	20	3	1A	1000					3100
												TERRAIN	421006.00N/0935539.00W	1240 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM
320/30 CW 050/30

TO
WOKIP

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (19-054444)	414336.99N/0944946.34W		2005	250	50	4D	1000					3100
TERRAIN	415139.00N/0950136.00W		1522 (1500)								AS1500	3000

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INITIAL

FROM
UDIXY

TO
TEZOB

<u>RNP</u>	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (19-021611)	420955.30N/0942834.00W		1389	50	20	2C	1000				AT711	3100
TERRAIN	421257.00N/0942842.00W		1161 (1200)								AS1500	2700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



INITIAL

FROM
WOKIP

TO
TEZOB

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	420751.90N/0943052.42W		1391	50	20	2C	1000				AT709	3100
TERRAIN	420851.00N/0943418.00W		1190 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
TEZOB (IF/IAF)

TO
SUGDY

RNP	DISTANCE 6.04	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	420751.90N/0943052.42W		1391	50	20	2C	500				AT909	2800
TERRAIN	420745.00N/0943027.00W		1190 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM
SUGDY

TO
RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	5.39		DA		287							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (19-030007)	420104.73N/0942109.89W		1115	20	3	1A		34.00:1			RA37	1330

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
SUGDY

TO
RW14

<u>RNP</u>	<u>DISTANCE</u> 5.39	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 616			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
ELEVATOR (19-062046)	420144.78N/0942213.35W		1311	20	3	1A		23.43:1			RA37	1659

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV

FROM

SUGDY

TO

RW14

<u>RNP</u>	<u>DISTANCE</u> 5.39	<u>PAT</u>	<u>MAP</u> RW14	<u>HAT</u> 557			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
ELEVATOR (19-062046)	420144.78N/0942213.35W	1311	20	3	1A	250				RA37	1600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

TEZOB

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	421400.00N/0943912.00W	1450	164	98	4E	1000				AT650	3100
TERRAIN	421348.00N/0943915.00W	1250 (1300)								AS1500	2800

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM

DA

TO

PELEA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1106					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (19-030007)	420104.73N/0942109.89W		1115	20	3	1A		ASC				3100
AAO	415315.00N/0941448.00W		1319				1000					2400
TERRAIN	415315.00N/0941448.00W		1118 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

PELEA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1480					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3100
AAO	415315.00N/0941448.00W		1319				1000					2400
TERRAIN	415315.00N/0941448.00W		1118 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW14

TO

PELEA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1463					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3100
AAO	415315.00N/0941448.00W		1319				1000					2400
TERRAIN	415315.00N/0941448.00W		1118 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
BUILDING (19-061962)	420055.89N/0942227.97W	1.30	553	1245	20	10	1B	300		RA37	1600
CATEGORY B											
ELEVATOR (19-062046)	420144.78N/0942213.35W	1.84	613	1311	20	3	1A	300		RA37	1660

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
MSP ARTCC

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KPRO	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KPRO	<u>DISTANCE</u> 13.66	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 37
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KCIN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCIN	<u>DISTANCE</u> 20.02	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 69

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KEFW 1047, KPRO 1013
RA=36.2
KEFW 1047, KCIN 1204
RA=68.2

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW14 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-G	
RW32 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1043.4	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 32.8
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	100
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:



AIRPORT ID KEFW	PROCEDURE NAME RNAV (GPS) RWY 14	AMDT NO. 1	CITY JEFFERSON	STATE IA	AIRPORT ELEVATION 1047	FACILITY RNAV
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"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, NPA				
34:1					
1101 TREE (19-061993) 420059.49N/0942104.98W (15.72)			1115 TREE (19-030007) 420104.73N/0942109.89W (10.7)		
1059 TRAVERSE_WAY (19-030027) 420054.75N/0942050.35W (4.59)			1060 TRAVERSE_WAY (19-030062) 420054.76N/0942051.67W (3.79)		
1060 TRAVERSE_WAY (19-062069) 420054.77N/0942052.85W (2.19)			1060 TRAVERSE_WAY (19-062026) 420054.78N/0942054.12W (0.46)		
1059 TRAVERSE_WAY (19-048679) 420054.84N/0942053.27W (0.46)					

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - REMOTE PRIMARY ALTIMETER.

100 FT VEGETATION USED.

NO ADDITIONAL AIRSPACE REQUIRED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KEFW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>AMDT NO.</u> 1	<u>CITY</u> JEFFERSON	<u>STATE</u> IA	<u>AIRPORT ELEVATION</u> 1047	<u>FACILITY</u> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.19
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	142.8
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100
DISTANCE FROM	THLD	TO 1500FT POINT	4.99
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	142.8
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100

THRESHOLD
COORDINATES
(IF STR-IN)

420048.86N/0942048.18W

ARP COORDINATES

420035.40N/0942030.50W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 32 DISTANCE 0.35 NM

FAF
COORDINATES

FIX NAME
COORDINATES

IAF UDIXY: 421256.68N/0942443.55W, IF/IAF TEZOB: 420955.15N/0943004.92W, IAF WOKIP: 420653.37N/0943525.78W

REMARKS

TAA STRAIGHT IN: 050/30 CW 230/30 TO TEZOB.
TAA LEFT BASE: 230/30 CW 320/30 TO UDIXY.
TAA RIGHT BASE: 320/30 CW 050/30 TO WOKIP.
THLD DISPLACED 100FT, ACTUAL COORDINATES: 420049.64N/0942048.98W.

QUALITY
18
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> DONALD H. LANIER (MICAH HILLEY)	<u>OFFICE</u> AJV-A431	<u>DATE</u> 05/24/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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