

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</u> BOB SIKES	<u>AIRPORT ID</u> KCEW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> CRESTVIEW	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 214	<u>TDZE</u> 163	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 06/25/2015	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
CEW VORTAC		HEKLU		TF	FO	1.00	148.23	16.85	2000**
HEKLU	IF/IAF	GEBKE		TF	FB	1.00	355.02	6.00	1600
GEBKE	FAF	RW35	MAP	TF	FO	0.30	355.00	4.33	
RW35	MAP	450 MSL		CA			355.00		
450 MSL		WEDOM		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT WEDOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)				
2.	HOLD S HEKLU, LT, 355.02 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.							
3. FAC:	355.00	FAF: GEBKE	DIST FAF TO MAP: 4.33	DIST FAF TO THLD: 4.33				
4. MIN ALT:	HEKLU 2000, GEBKE 1600							
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	287 HAT: 0.77	GS ANT:			
6. MIN GP INCPT:	1600	GP ALT AT FAF : GEBKE 1600	OM:	MM:	IM:			
7. GP ANGLE:	3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 52.0				
8. MSA FROM:	RW35 2300							

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D W OF RWY 17-35.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING EGLIN AFB 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 -5°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CEW VORTAC ON V198 WESTBOUND.
CHART PLANVIEW NOTE: **ATC APPROVAL REQUIRED FROM CEW VORTAC TO HEKLU.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EGLIN AFB ALTIMETER SETTING AND INCREASE LPV DA TO 509, LNAV/VNAV DA TO 550, AND ALL MDA 60 FEET, INCREASE LNAV CAT C/D VISIBILITY 1/8 SM, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART KVPS, KEGI IN PLANVIEW
CHART CIRCLING ICON.
CHART R-2915A, R-2914A, R-2918
CHART VDP AT 1.33 NM TO RW35*
*LNAV ONLY
WAAS CHANNEL #40208
REFERENCE PATH ID: W35A
FAS OBST: 380 AAO 304251N/0863015W.
HOLD N, RT, 174.99 INBOUND
LTP HAE: 19.5 M



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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	450	1	287	450	1	287	450	1	287	450	1	287			
LNAV/VNAV DA	491	1 1/4	328	491	1 1/4	328	491	1 1/4	328	491	1 1/4	328			
LNAV MDA	640	1	477	640	1	477	640	1 3/8	477	640	1 3/8	477			
CIRCLING	700	1	486	700	1	486	820	1 3/4	606	840	2	626			

CHANGES - REASONS

1. FAS DATA CRC CHANGED FROM 2624CC97 TO 83B83BBB FPAP COORDINATES UPDATED.
2. UPDATED INBOUND COURSE FROM 351.00 TO 355.00 - AIRPORT MAGVAR UPDATE.
3. UPDATED MISSED HOLDING COURSE FROM 170.99 TO 174.99 - AIRPORT MAGVAR UPDATE.
4. ADDED VDP AT 1.33 NM FROM RWY 35 - NEW EVALUATION CLEARS VISUAL SURFACE.
5. RAISED LNAV MDA/HAT FROM 580/417 TO 640/477 - CONTROLLING CHANGED FROM 319 TREE TO 518 MSL (2C) TOWER (12-004644).
6. RAISED CAT C CMDA/HAA FROM 700/487 TO 820/607 - NEW CIRCLING RADII OBS TOWER (12-004043) 520 MSL (2C). NEW CIRCLING RADII APPLIED.
7. RAISED CAT D CMDA/HAA FROM 820/607 TO 840/627 - NEW CIRCLING RADII OBS TOWER (12-004639) 478 MSL (5D). NEW CIRCLING RADII APPLIED.
8. RESTRICTED CAT D CIRCLING WEST OF RWY 17/35 - OBS TOWER (12-000273) 673 MSL (5D) WOULD RAISE MDA TO 1040.
9. REMOVED CHART NOTE: DME/DME RNP-0.3 NA - 8260.58A CHG 1, TABLE 1-2-1.
10. ADDED PBN REQUIREMENTS NOTE: RNP APCH - 8260.58A CHG 1, TABLE 1-2-1

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZJX, EGLIN APP CON, AMGR

FLIGHT CHECKED BY

MARC J HINCK

Digitally signed by **OFFICE**
WARDELL HENNING FICO

DATE
12/19/18

DEVELOPED BY

WARDELL HENNING (CHARLES CTR THIBODEAUX)

Digitally signed by Dec 27, 2018 **OFFICE**
WARDELL HENNING AJV-5430

DATE
10/23/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
WARDELL HENNING
Dec 27, 2018

OFFICE
AJV-5430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCEW
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	304604.6640N
LTP/FTP LONGITUDE	0863112.4240W
LTP/FTP ELLIPSOIDAL HEIGHT	+00195
FPAP LATITUDE	304732.8655N
FPAP LONGITUDE	0863128.6245W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	83B83BBD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00468
FPAP ORTHOMETRIC HEIGHT	+00468



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

<u>AIRPORT</u> BOB SIKES	<u>AIRPORT ID</u> KCEW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 1C	<u>CITY</u> CRESTVIEW	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 214	<u>FACILITY</u> RNAV
-----------------------------	---------------------------	--	-----------------------	--------------------------	--------------------	---------------------------------	-------------------------

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> CEW VORTAC	<u>TO</u> HEKLU
---------------------------	--------------------

<u>RNP</u>	<u>DISTANCE</u> 16.85	<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>
1.TOWER (12-000273)	304602.00N/0863507.00W	673	250	50	4D	1000				AT327	2000
2.TERRAIN	304745.00N/0864048.00W	255 (300)								AS1500	1800

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
------------	-------------	-------------	------------	-------------	-----------	-----------	------------	----------------------	-------------	----------------	-------------------------------

SEGMENT REMARKS:

INTERMEDIATE

<u>FROM</u> HEKLU (IF/IAF)	<u>TO</u> GEBKE
-------------------------------	--------------------

<u>RNP</u>	<u>DISTANCE</u> 5.94	<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>
3.AAO	303754.00N/0862954.00W	443	164	98	4E	500				AC98 DG559	1600
4.TERRAIN	303754.00N/0862954.00W	243 (200)								AS1000	1200

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
------------	-------------	-------------	------------	-------------	-----------	-----------	------------	----------------------	-------------	----------------	-------------------------------

SEGMENT REMARKS:



TO
RW35

HMAS

COMPUTATIONS

RF CENTER FIX/DISTANCE**SEGMENT REMARKS:**

FINAL: LNAV/VNAV

TO
RW35

HMAS

COMPUTATIONS

RF CENTER FIX/DISTANCE**SEGMENT REMARKS:****FINAL: LNAV**

TO
RW35

HMAS

COMPUTATIONS

RF CENTER FIX/DISTANCE**SEGMENT REMARKS:**

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

WEDOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 360				
<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>
							ASC				2000
9.TOWER (12-004644)	305352.85N/0863132.61W	518	50	20	2C	1000					1600
10.TERRAIN	305657.00N/0862948.00W	289 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW35

TO

WEDOM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 528					
<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>	
							ASC				2000	
9.TOWER (12-004644)	305352.85N/0863132.61W	518	50	20	2C	1000					1600	
10.TERRAIN	305657.00N/0862948.00W	289 (300)								AS1500	1800	

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											
11.TANK (12-001772)	304738.00N/0863217.00W	1.30	486	395	20	10	2C	300			700
CATEGORY B											
11.TANK (12-001772)	304738.00N/0863217.00W	1.81	486	395	20	10	2C	300			700
CATEGORY C											
12.TOWER (12-004043)	304624.00N/0863349.00W	2.85	606	520	50	20	2C	300			820
CATEGORY D											
13.TOWER (12-004639)	304325.00N/0862846.00W	3.72	626	478	500	50	5D	300		AC50	840

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW35	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (01-003038)	305952.26N/0864313.32W	327	17.2	1249	500	50	5D	1000			2300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT USED BY ATC REQUEST.
TREES ASSUMED TO BE 100 FEET.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
EGLIN APP CON, GNV FSS

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KCEW	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCEW	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ATIS	<u>LOCATION</u> KVPS	<u>HRS OPERATION</u> *	<u>ALTIMETER SOURCE</u> KVPS	<u>DISTANCE</u> 17.75	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 59

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KCEW 214, KVPS 87
RA = 58.5 FT

<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>
RW35 - MIRL (PCL), VASI-4R		NPI-F	
RW17 - MIRL (PCL), VASI-4R		PIR-F	

<u>GLIDESLOPE ANGLE</u> 3.04	<u>ELEV RWY THRESHOLD</u> 153.4	<u>TCH</u> 52.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 61.5
---------------------------------	------------------------------------	--------------------	------------------------	--------------------------	---------------------------	--------------------

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -5C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -5C	<u>APT ISA</u> +14.58C
----------------------------	------------------------------	-------------------	---------------------------

CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2013-2017).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 957 HIGH TEMP 1262.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	RWY 35		
34:1			
199 TREE (12-029838) 304549.91N/0863113.82W (8.74)		189 TREE (12-029837) 304552.25N/0863114.17W (5.75)	
190 TREE (12-029498) 304551.19N/0863114.05W (3.59)		206 TREE (12-029843) 304546.60N/0863104.27W (2.19)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

* SEE AFD FOR HOURS OF OPERATION.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	3.18
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.81
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	351.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	219
DISTANCE FROM	FAF	TO 1500FT POINT	.42
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	2.53
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	351.01
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	243

THRESHOLD
COORDINATES
(IF STR-IN)304604.66N/0863112.42W

ARP COORDINATES304643.80N/0863119.60W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP RUNWAY 35 DISTANCE 0.66 NM

FAF
COORDINATES304147.63N/0863025.26W

FIX NAME
COORDINATES

REMARKS



AIRPORT
BOB SIKES

AIRPORT ID
KCEW

PROCEDURE NAME
RNAV (GPS) RWY 35

AMDT NO.
1C

CITY
CRESTVIEW

STATE
FL

AIRPORT ELEVATION
214

FACILITY
RNAV

PART E: PREPARED BY

NAME
WARDELL HENNING (CHARLES CTR
THIBODEAUX)

OFFICE
AJV-5430

DATE
10/23/2018

TITLE
AERONAUTICAL INFORMATION SPECIALIST

