

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> DECATUR	<u>AIRPORT ID</u> KDEC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> DECATUR	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 682	<u>TDZE</u> 678	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

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>
AXC VORTAC		OKEVE		TF	FO	2.00	187.55	5.68	2300
ARCOL		WUBTA		TF	FB	2.00	241.98	12.10	2300
WUBTA	IAF	OKEVE	NOPT	TF	FB	1.00	289.05	17.52	2300
PANAE	IAF	OKEVE	NOPT	TF	FB	1.00	052.65	15.17	2300
OKEVE	IF/IAF	HELIS		TF	FB	1.00	000.10	6.07	2300
HELIS	FAF	RW36	MAP	TF	FO	0.30	000.12	4.93	
RW36	MAP	984 MSL		CA			000.12		
984 MSL		HEPAX		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT HEPAX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S OKEVE, RT, 000.10 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 000.12FAF: HELISDIST FAF TO MAP: 4.93DIST FAF TO THLD: 4.93

4. MIN ALT: OKEVE 2300, HELIS 2300

5. DIST TO THLD FROM OM:MM:IM:150 HAT:306 HAT: 0.80GS ANT:

6. MIN GP INCPT: 2300GP ALT AT FAF : HELIS 2300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 58.1

8. MSA FROM: RW36 3100

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LINCOLN ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C OR ABOVE 54C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FT, INCREASE LPV ALL CATS VISIBILITY 1/4 SM, LNAV/VNAV ALL CATS VISIBILITY 1/4 SM, LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 3/8 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AXC VORTAC ON V313 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.41 NM TO RW36*
*LNAV ONLY
WAAS CHANNEL #45738
REFERENCE PATH ID: W36A
FAS OBST: 909 AAO 394551N/0885221W.
HOLD N, RT, 180.12 INBOUND
LTP HAE: 172.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICES.

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	984	7/8	306	984	7/8	306	984	7/8	306	984	7/8	306			
LNAV/VNAV DA	1082	1 1/8	404	1082	1 1/8	404	1082	1 1/8	404	1082	1 1/8	404			
LNAV MDA	1180	1	502	1180	1	502	1180	1 3/8	502	1180	1 3/8	502			
CIRCLING	1180	1	498	1240	1	558	1360	2	678	1360	2 1/4	678			



CHANGES - REASONS

1. REMOVED NOTE; NIGHT LANDING: RWY 12 NA - NO 20:1 PENETRATIONS.
2. DELETED INITIAL FROM MTO TO OKEVE - MTO DECOMMISSIONED.
3. UPDATED FAS OBST LOCATION FROM 394554N/0885221W TO 394551N/0885221W - DATABASE UPDATE.
4. ADDED INITAL ROUTE FROM WUBTA TO OKEVE - FPT REQUEST.
5. ADDED FEEDER ROUTE FROM ARCOL TO WUBTA - FPT REQUEST.
6. LOWERED CIRCLING CAT A MDA FROM 1240/HAA 558 TO 1180/HAA 502 AND UPDATED OBST ID - LOWER LNAV MDA.
7. CHANGED LPV DA FROM 985/ 307 HAT VIS 1 MILE TO 984/ 306 HAT VIS 7/8 MILE - NEW IPDS EVALUATION/VISCHECK.
8. CHANGED LNAV/VNAV DA FROM 1114/ 436 HAT VIS 1 1/2 MILE TO 1082/ 404 HAT VIS 1 1/8 MILE - NEW IPDS EVALUATION/VISCHECK.
9. LOWERED LNAV MDA FROM 1240 TO 1180 AND CAT C/D VISIBILITIES FROM 1 5/8 TO 1 3/8 MILE - NEW IPDS EVALUATION/VISCHECK.
10. CHANGED VDP FROM 1.6 TO 1.41 MILES TO RWY 36 - LOWER LNAV MDA
11. CHANGED CHART NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOGAN COUNTY ALTIMETER SETTING; INCREASE LPV DA TO 1065 AND VISIBILITY ALL CATS 1/4 MILE, LNAV/VNAV DA TO 1194 AND VISIBILITY ALL CATS 1/4 MILE; INCREASE ALL MDA 80 FEET AND LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/4 MILE TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FT, INCREASE LPV ALL CATS VISIBILITY 1/4 SM, LNAV/VNAV ALL CATS VISIBILITY 1/4 SM, LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 3/8 SM - NEW VISCHECK.
12. REPLACED CHART NOTE: DME/DME RNP-0.3 NA WITH CHART PBN NAVSPEC REQUIREMENT NOTE: RNP APCH. - IAW 8260.19H PARA 8-6-8.
13. CHANGED ACT FROM -18C TO -19C - NEW 5 YEAR HISTORY (2013-2017).
14. UPDATED CIRCLING CAT B CNTL OBST FROM 936 CRANE TO 939 CRANE- NEW IPDS EVALUATION.
15. ADDED "EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE" TO ALTERNATE MINS - CONTRACT WEATHER WHEN TOWER CLOSED.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, CMI APP CON, DEC ATCT, AMGR

FLIGHT CHECKED BY

SCOTT WIEBE
Digitally signed by
WARDELL HENNING

OFFICE

FICO

DATE

10/2/18

DEVELOPED BY

Oct 10, 2018

LONNIE EVERHART (STEVEN SCHUTRUM)

Digitally signed by

WARDELL HENNING

OFFICE

AJV-5400

DATE

06/19/2018

APPROVED BY

Digitally signed by

WARDELL HENNING

Oct 10, 2018

OFFICE

AJV-5400

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEC
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	394936.8720N
LTP/FTP LONGITUDE	0885226.7000W
LTP/FTP ELLIPSOIDAL HEIGHT	+01726
FPAP LATITUDE	395106.0325N
FPAP LONGITUDE	0885228.4770W
THRESHOLD CROSSING HEIGHT (TCH)	00058.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	EDF4FD2B
---------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02049
FPAP ORTHOMETRIC HEIGHT	+02049

