

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> POCAHONTAS MUNI	<u>AIRPORT ID</u> KPOH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>CITY</u> POCAHONTAS	<u>STATE</u> IA
<u>AIRPORT ELEVATION</u> 1226	<u>TDZE</u> 1222	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>DATED</u> 04/28/2016	<u>MAG VAR</u> 2E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 210/30 CW 030/30	NOPT	WOVLA	IF/IAF	3000
2. 030/30 CW 210/30		WOVLA	IAF	3400

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>
WOVLA	IF/IAF	ZASUG		TF	FB	1.00	299.61	7.00	2800
ZASUG	FAF	CUNUN/1.70 NM TO RW30		TF	FB	0.30	299.52	3.12	
CUNUN/1.70 NM TO RW30		RW30	MAP	TF	FO	0.30	299.48	1.70	
RW30	MAP	1534 MSL		CA			299.48		
1534 MSL		EVIFI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT EVIFI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SE WOVL A, RT, 299.61 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 299.52 FAF: ZASUG DIST FAF TO MAP: 4.82 DIST FAF TO THLD: 4.82

4. MIN ALT: WOVL A 3000, ZASUG 2800, CUNUN/1.70 NM TO RW30 1800*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 312 HAT: 0.84 GS ANT:

6. MIN GP INCPT: 2800 GP ALT AT FAF : ZASUG 2800 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 45.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 18 AND 36.
CHART NOTE: CIRCLING RWY 12 NA AT NIGHT.
CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LNAV ONLY
CHART NOTE: USE ALGONA ALTIMETER SETTING; WHEN NOT RECEIVED, USE FORT DODGE ALTIMETER SETTING: INCREASE LPV ALL CATS DA TO 1536 FT, LNAV/VNAV ALL CATS DA TO 1784 FT; INCREASE ALL MDA 20 FT AND LNAV CAT C VISIBILITY 1/8 SM.
CHART NOTE: BARO-VNAV NA.

ADDITIONAL FLIGHT DATA:

CHART ALGONA AWOS-3
WAAS CHANNEL #70723
REFERENCE PATH ID: W30A
CHART FAS OBST: 1373 GRAIN ELEVATOR 424403N/0943709W.
HOLD NW, RT, 119.30 INBOUND
LTP HAE: 343.2 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	1534	1	312	1534	1	312	1534	1	312		NA				
LNAV/VNAV DA	1782	1 5/8	560	1782	1 5/8	560	1782	1 5/8	560		NA				
LNAV MDA	1740	1	518	1740	1	518	1740	1 3/8	518		NA				
CIRCLING	1800	1	574	1940	1	714	1940	2	714		NA				



CHANGES - REASONS

1. TERMINAL ROUTES, INTERMEDIATE SEGMENT WOVLA (IF/IAF) TO ZASUG RNP VALUE UPDATED FROM 0.5 TO 1.0 - UPDATED CRITERIA.
2. TERMINAL ROUTES, RW30 (MAP) TO 1532 MSL CHANGED TO RW30 (MAP) TO 1534 MSL - CA ALTITUDE MUST BE THE LOWEST OF DA, MDA OR 400 ABOVE AIRPORT ELEVATION.
3. TERMINAL ROUTES, 1532 MSL TO EVIFI CHANGED TO 1534 MSL TO EVIFI - CA ALTITUDE MUST BE THE LOWEST OF DA, MDA OR 400 ABOVE AIRPORT ELEVATION.
4. TERMINAL ROUTES MISSED DF SEGMENT 1534 MSL TO EVIFI RNP VALUES UPDATED FROM 0.5 TO 1.0 - RNP VALUE CORRECTED FOR MISSED DF SEGMENT PER UPDATED CRITERIA.
5. PROFILE LINE 2, ADDED MAX 6000. - IAW 8260.19H PARA 8-6-7B(2).
6. PROFILE LINE 7, NOTE ADDED: 20:1 IS CLEAR - NO STRAIGHT IN 20:1 PENETRATIONS.
7. LTP LAT/LONG CHANGED FROM 424423.4320N/0943829.5405W TO 424423.4330N/0943829.5415W - UPDATED AIRNAV THRESHOLD COORDINATES.
8. FPAP LAT/LONG CHANGED FROM 424509.9300N/0944012.7000W TO 424509.9365N/0944012.7000W - NEW CALCULATED FPAP COORDINATES.
9. CRC REMAINDER CHANGED FROM 83304F3A TO 5D1368B0 - AS A RESULT OF CHANGES TO LTP AND FPAP COORDINATES.
10. LNAV/VNAV MINIMA CHANGED FROM 1715 DA/493 HAT TO 1782 DA/560 HAT FOR CATS A-C - NEW CONTROLLING OBSTACLE
11. LNAV MINIMA CHANGED FROM 1700 MDA/478 HAT TO 1740 MDA/518 HAT FOR CATS A-C - NEW CONTROLLING OBSTACLE.
12. LPV MINIMA CHANGED FROM 1533 DA/311 HAT TO 1534 MDA/312 HAT FOR CATS A-C - RECALCULATED MINIMA BASED ON 250 ROC + 62 RASS.
13. ADDITIONAL FLIGHT DATA, FAS OBST UPDATED FROM '1252 PP 424412N/0943822W' TO '1373 GRAIN ELEVATOR 424403N/0943709W' - UPDATED CRITERIA.
14. ADDITIONAL FLIGHT DATA, NOTE CHANGED FROM 'DISTANCE TO THLD FROM 311 HATH: 0.83' TO 'DISTANCE TO THLD FROM 312 HAT: 0.84' - DISTANCE TO THLD RECALCULATED, THRESHOLD ELEVATION CHANGED TO TOUCHDOWN ZONE ELEVATION.
15. NOTE DELETED: DME/DME RNP 0.3 NA - NOTE REPLACED WITH NEW PBN REQUIREMENTS NOTE.
16. PBN REQUIREMENTS NOTE ADDED: RNP APCH - PER MEMO 266.
17. UPDATED CHART PROFILE NOTE FROM 'VGSI AND RNAV GLIDEPATH NOT COINCIDENT' TO 'VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})' - IAW 8260.19H,PARA 8-6-9M.
18. CHANGED ALTIMETER NOTE FROM: 'USE ALGONA ALTIMETER SETTING; WHEN NOT RECEIVED, USE FORT DODGE ALTIMETER SETTING; INCREASE LPV ALL CATS DA TO 1536 FT, LNAV/VNAV ALL CATS DA TO 1718 FT AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE; INCREASE ALL MDA 20FT' TO 'USE ALGONA ALTIMETER SETTING; WHEN NOT RECEIVED, USE FORT DODGE ALTIMETER SETTING; INCREASE LPV ALL CATS DA TO 1536 FT, LNAV/VNAV ALL CATS DA TO 1784 FT; INCREASE ALL MDA 20 FT AND LNAV CAT C VISIBILITY 1/8 SM' - UDPATED EVALUATION.
19. INCORPORATED CHANGES FROM P-NOTAM 4/3729, NOTE DELETED: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 30 NA AT NIGHT - RWY 30 20:1 PENETRATION REMOVED 9/5/2014 PER EMAIL FROM FPT.
20. CHANGED CHART NOTE: 'NIGHT LANDING: RWY 12 NA' TO 'CIRCLING RWY 12 NA AT NIGHT.' - IAW FAAO 8260.19H DOCUMENTATION CRITERIA.
21. INCORPORATED CHANGES FROM T-NOTAM 8/7822 WHICH INCREASES LNAV/VNAV DA 1782/HAT 560 ALL CATS, LNAV MDA 1740/HAT 518 ALL CATS - IAW 8260.19H, PARA 8-6-9M.
22. INCORPORATED CHANGES FROM P-NOTAM 5/4230 WHICH ADDED NOTE: CIRCLING NA TO RWY 18 AND 36 - RWY 18/36 IS A TURF RWY AND NOT RAPT APPROVED.
23. INCORPORATED CHANGES FROM P-NOTAM 4/3729: NOTE CHANGED FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA" TO "RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19H, PARA 8-6-11K(3).
24. INCORPORATED CHANGES FROM P-NOTAM 4/6558: CHART TDZE 1222. DELETE THRE 1221 - CHANGING THRESHOLD ELEVATION TO TOUCHDOWN ZONE ELEVATION.
25. INCORPORATED CHANGES FROM P-NOTAM 4/6558: NEW LPV DA/HAT 1534/312 - CHANGING THRESHOLD ELEVATION TO TOUCHDOWN ZONE ELEVATION.
26. INCORPORATED CHANGES FROM P-NOTAM 2/1165: CHART IN PROFILE VIEW: *LNAV ONLY - ADD LNAV ONLY TO SDF.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZMP ARTCC, AMGR

FLIGHT CHECKED BY

BROC STARRETT

Digitally signed by

DAVID TEFFETELLER

Nov 28, 2018

OFFICE

FICO

DATE

11/20/18

DEVELOPED BY

DIANE S LAIR (RAFAEL A MARTINEZ)

Digitally signed by

DIANE S LAIR

Oct 17, 2018

OFFICE

AJV-5433

DATE

09/19/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

DAVID TEFFETELLER

Nov 28, 2018

OFFICE

AJV-5430

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPOH
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	424423.4330N
LTP/FTP LONGITUDE	0943829.5415W
LTP/FTP ELLIPSOIDAL HEIGHT	+03432
FPAP LATITUDE	424509.9365N
FPAP LONGITUDE	0944012.7000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5D1368B0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03722
FPAP ORTHOMETRIC HEIGHT	+03722

