

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> PITTSFIELD PENSTONE MUNI	<u>AIRPORT ID</u> KPPQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> PITTSFIELD	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 710	<u>TDZE</u> 705	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 04/18/2002	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 223/30 CW 043/30	NOPT	IHOME	IF/IAF	2600
2. 043/30 CW 133/30		MADYY	IAF	2600
3. 133/30 CW 223/30		PIKCI	IAF	2600

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>
MADYY	IAF	IHOME	NOPT	TF	FB	1.00	042.98	5.00	2600
PIKCI	IAF	IHOME	NOPT	TF	FB	1.00	223.08	5.00	2600
IHOME	IF/IAF	YERPI		TF	FB	1.00	313.03	4.97	2400
YERPI	FAF	RW31	MAP	TF	FO	0.30	312.98	5.23	
RW31	MAP	1110 MSL		CA			312.98		
1110 MSL		GABDY		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT GABDY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SE IHOME, RT, 313.03 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 312.98 FAF: YERPI DIST FAF TO MAP: 5.23 DIST FAF TO THLD: 5.23

4. MIN ALT: IHOME 2600, YERPI 2400

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 265 HAT: 0.74 GS ANT: MM: IM:

6. MIN GP INCPT: 2400 GP ALT AT FAF : YERPI 2400 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.37 NM TO RW31*
*LNAV ONLY
FAS OBST: 910 AAO 393552N/0904226W.
HOLD SE, RT, 312.93 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

<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>
LNAV/VNAV DA	970	1	265	970	1	265	970	1	265		NA				
LNAV MDA	1160	1	455	1160	1	455	1160	1 3/8	455		NA				
CIRCLING	1160	1	450	1240	1	530	1340	1 3/4	630		NA				



CHANGES - REASONS

1. TERMINAL ROUTE IHOME TO YERPI, DISTANCE CHANGED FROM 5.04 NM TO 4.97 NM - FAF MOVED WITH NEW IPDS EVALUATION.
2. TERMINAL ROUTE YERPI TO RW31 (MAP), DISTANCE CHANGED FROM 5.16 NM TO 5.23 NM - FAF MOVED WITH NEW IPDS EVALUATION.
3. TERMINAL ROUTE ADDED: RW31 (MAP) TO 1110 MSL (CA) 312.98 - CA LEG ADDED TO MISSED APPROACH INSTRUCTIONS PER 8260.58A 3-5-2. CA ALTITUDE MUST BE THE LOWEST OF DA, MDA OR 400 ABOVE AIRPORT ELEVATION.
4. TERMINAL ROUTES, RW31 (MAP) TO GABDY CHANGED TO 1110 MSL TO GABDY - CA LEG ADDED TO MISSED APPROACH INSTRUCTIONS PER 8260.58A 3-5-2. CA ALTITUDE MUST BE THE LOWEST OF DA, MDA OR 400 ABOVE AIRPORT ELEVATION.
5. PROFILE LINE 3, DISTANCE FAF TO MAP AND FAF TO THLD CHANGED FROM 5.16 NM TO 5.23 - FAF MOVED WITH NEW IPDS EVALUATION.
6. LNAV CATS A-C MINIMA CHANGED FROM 1100 MDA/395 HAT TO 1160 MDA/455 HAT. CAT C VISIBILITY CHANGED FROM 1SM TO 1 3/8 SM - NEW CONTROLLING OBSTACLE.
7. CIRCLING CAT B MINIMA CHANGED FROM 1160 MDA/450 HAA TO 1240 MDA/530 HAA AND CAT C MINIMA CHANGED FROM 1160 MDA/450 HAA TO 1340 MDA/630 HAA. CAT A/B VISIBILITY CHANGED FROM 1 1/4 SM TO 1SM AND CAT C VISIBILITY CHANGED FROM 1 1/2 SM TO 1 3/4 SM - NEW CONTROLLING OBSTACLE.
8. MISSED APPROACH CHANGED FROM 'CLIMB TO 2600 VIA 313 TRACK TO GABDY AND HOLD' TO 'CLIMB TO 2600 DIRECT GABDY AND HOLD' - UPDATED EVALUATION.
9. ADDITIONAL FLIGHT DATA, OBST CHANGED FROM '839 TREES 393620N/0904237W' TO '910 AAO 393552N/0904226W' - UPDATED OBSTACLE DATA.
10. ADDITIONAL FLIGHT DATA, NOTE CHANGED FROM 'CHART VDP AT 1.15 NM TO RW31' TO 'CHART VDP AT 1.37 NM TO RW31' - UPDATED EVALUATION.
11. ADDITIONAL FLIGHT DATA, MISSED APPROACH HOLDING COURSE INBOUND CHANGED FROM 312.94 TO 312.93 - MATCHING KPPQ RNAV (GPS) RWY 13 MISSED APPROACH COURSE.
12. NOTE DELETED: GPS OR RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA - PER MEMO 257.
13. PBN REQUIREMENTS NOTE ADDED: RNP APCH - PER MEMO 257.
14. NOTE ADDED: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - PUBLISHED IAW 8260.19H
15. NOTE ADDED: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - PUBLISHED IAW 8260.19H PARA 8-6-11K(3).
16. ALTERNATE MINIMUMS ADDED AS STANDARD - PRIMARY ALTIMETER SOURCE LOCAL, ON-AIRPORT AND ON WMSCR.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: AMGR, ZKC ARTCC

FLIGHT CHECKED BY
GARY WILSON BELL

Digitally signed by

DAVID TEFFETELLER

Feb 21, 2019

OFFICE

FIOG

DATE

02/05/2019

DEVELOPED BY
ANDREA CHANEY

Digitally signed by

DAVID TEFFETELLER

Feb 21, 2019

OFFICE

AJV-5433

DATE

05/31/2018

APPROVED BY
PATRICK MULQUEEN

Digitally signed by

DAVID TEFFETELLER

Feb 21, 2019

OFFICE

AJV-5430

DATE

TITLE

MANAGER

