

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 MUNI	<u>AIRPORT ID</u> K2B7	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> PITTSFIELD	<u>STATE</u> ME
<u>AIRPORT ELEVATION</u> 197	<u>TDZE</u> 197	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 09/18/2014	<u>MAG VAR</u> 17W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
RINTH		JERED		TF	FB	2.00	271.81	6.97	3000
ANSYN		BIDGE		TF	FB	2.00	073.10	20.06	3800
JERED	IAF	OROSE	NOPT	TF	FB	1.00	274.56	7.75	2600
BIDGE	IAF	OROSE	NOPT	TF	FB	1.00	094.30	7.75	2600
OROSE	IF/IAF	KRANK		TF	FB	1.00	184.44	6.32	2100
KRANK	FAF	ETTOR/1.72 NM TO RW18		TF	FB	0.30	184.44	3.41	
ETTOR/1.72 NM TO RW18		RW18	MAP	TF	FO	0.30	184.44	1.72	
RW18	MAP	597 MSL		CA			184.44		
597 MSL		POKUE		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT POKUE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD N OROSE, RT, 184.44 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC:	184.44	FAF: KRANK	DIST FAF TO MAP: 5.13	DIST FAF TO THLD: 5.13	
4. MIN ALT:	OROSE 2600, KRANK 2100, ETTOR/1.72 NM TO RW18 860*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	413 HAT: 1.02	GS ANT:
6. MIN GP INCPT: 2100	GP ALT AT FAF : KRANK 2100			OM:	MM: IM:
7. GP ANGLE: 3.42	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 40.0		
8. MSA FROM:	RW18 3300				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
*LNAV ONLY
CHART NOTE: USE BANGOR ALTIMETER SETTING; WHEN NOT RECEIVED PROCEDURE NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RINTH ON V39 NORTHEAST BOUND AND FOR ARRIVALS AT ANSYN ON V104 WESTBOUND.

ADDITIONAL FLIGHT DATA:

CHART BANGOR ASOS.
CHART CIRCLING ICON.
WAAS CHANNEL #53342
REFERENCE PATH ID: W18A
CHART FAS OBST: 427 TANK 444732N/0692215W.
650 AAO 445150N/0692311W.
HOLD S, RT, 004.48 INBOUND
LTP HAE: 34.7 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	610	1 1/8	413	610	1 1/8	413	610	1 1/8	413		NA				
LNAV/VNAV DA	785	1 3/4	588	785	1 3/4	588	785	1 3/4	588		NA				
LNAV MDA	740	1	543	740	1	543	740	1 5/8	543		NA				
CIRCLING	800	1	603	800	1	603	880	2	683		NA				



CHANGES - REASONS

- 1. CHANGED FEEDER FROM "RINTH-WITTE COURSE/DISTANCE 272.62/9.72" TO "RINTH-JERED COURSE/DISTANCE 271.81/6.97". - FIX MOVED MORE THAN 1 NM. FIX NAME CHANGED IAW 7400.2K PARA 3-3-4F.
- 2. CHANGED FEEDER FROM "ANSYN-SQUAB COURSE/DISTANCE 075.58/22.65" TO "ANSYN-BIDGE COURSE/DISTANCE 073.10/20.06". - FIX MOVED MORE THAN 1 NM. FIX NAME CHANGED IAW 7400.2K PARA 3-3-4F.
- 3. CHANGED INITIAL FROM "WITTE-OROSE COURSE/DISTANCE 274.52/5.00" TO "JERED-OROSE COURSE/DISTANCE 274.56/7.75". - FIX MOVED MORE THAN 1 NM. FIX NAME CHANGED IAW 7400.2K PARA 3-3-4F.
- 4. CHANGED INITIAL FROM "SQUAB-OROSE COURSE/DISTANCE 094.36/5.00" TO "BIDGE-OROSE COURSE/DISTANCE 094.30/7.75". - FIX MOVED MORE THAN 1 NM. FIX NAME CHANGED IAW 7400.2K PARA 3-3-4F.
- 5. CHANGED IF/IAF FROM "OROSE-KRANK COURSE/DISTANCE 184.44/6.00" TO "OROSE-KRANK COURSE/DISTANCE 184.44/6.32". - FIX MOVED TO MITIGATE VGS PENETRATIONS IAW 8260.3C PARA 2-6-6.
- 6. CHANGED FAF/SDF FROM "KRANK/ETTOR COURSE/DISTANCE 184.43/3.25" TO "KRANK/ETTOR COURSE/DISTANCE 184.44/3.41". - FIX MOVED TO MITIGATE VGS PENETRATIONS IAW 8260.3C PARA 2-6-6.
- 7. CHANGED SDF/MAP FROM "ETTOR/RW18 COURSE/DISTANCE 184.43/2.20" TO "ETTOR/RW18 COURSE/DISTANCE 184.44/1.72". - IPDS CALCULATED VALUE.
- 8. FAC CHANGED FROM 184.43 TO 184.44. - IPDS CALCULATED VALUE.
- 9. CHANGED MSA FROM RW18 360-360 (3100') TO RW18 360-360 (3300'). - NEW CONTROLLING OBSTACLE.
- 10. DISTANCE FAF-MAP CHANGED FROM 5.45 TO 5.13. - FAF MOVED. IPDS CALCULATED VALUE.
- 11. ADDED LPV DA/HAT 610/413 AND VIS 1 1/8 SM FOR CAT A-C. - LPV CAT A-C MINIMUMS ADDED PER FPT REQUEST.
- 12. ADDED LNAV/VNAV DA/HAT 785/588 AND VIS 1 3/4 SM FOR CAT A-C. - LNAV/VNAV CAT A-C MINIMUMS ADDED PER FPT REQUEST.
- 13. REVISED LNAV MDA/HAT FROM 760/563 AND VIS 1 SM FOR CAT A-B TO 740/543 AND VIS 1 SM, ADDED MDA/HAT 740/543 AND VIS 1 SM FOR CAT C. - NEW CONTROLLING OBSTACLE. LNAV CAT C MINIMUMS ADDED PER FPT REQUEST.
- 14. ADDED "CHART NOTE: BARO-VNAV NA". - MINS NOT AUTHORIZED WITH REMOTE ALTIMETER SETTING IAW 8260.19H.
- 15. CHANGED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED". - CHART NOTE UPDATED IAW 8260.19H PARA 8-6-11.K.(3)
- 16. REPLACED NOTE "CHART NOTE DME/DME RNP 0.3 NA" WITH PBN REQUIREMENTS NOTE: RNP APCH". - CHANGED PER NAVSPEC REQUIREMENT IAW FAAO 8260.19H, 8-6-8.
- 17. CHARTED CIRCLING ICON. - CIRCLING MEETS CHANGE 21 CIRCLING CRITERIA.
- 18. ADDED FAS DATA FOR LPV LINE OF MINIMA. - IPDS CALCULATED FAS DATA VALUES.

- 06/05/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/22/18.
- 1. ADDED NOTE: *LNAV ONLY TO ANNOTATE THAT THE STEPDOWN FIX ALTITUDE APPLIES ONLY TO THE LNAV PROCEDURE.
 - 2. CHANGED "CHART NOTE: BANGOR ASOS-3" TO "CHART NOTE: BANGOR ASOS" IN ADDITIONAL FLIGHT DATA.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: BGR APCH, ZBW, AMGR

FLIGHT CHECKED BY

GABRIEL JOHN PARKISON

Digitally signed by

ROBERT G HAMILTON

Jun 06, 2018

Digitally signed by

JASON KRETSCHMER

Mar 22, 2018

OFFICE

FIOG

DATE

05/31/2018

DEVELOPED BY

JASON KRETSCHMER

OFFICE

AJV-5422

DATE

03/22/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

ROBERT G HAMILTON

Jun 06, 2018

OFFICE

AJV-5420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	2B7
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	444625.9800N
LTP/FTP LONGITUDE	0692233.9490W
LTP/FTP ELLIPSOIDAL HEIGHT	+00347
FPAP LATITUDE	444459.0095N
FPAP LONGITUDE	0692206.8095W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.42
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 F552BDF2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00601
FPAP ORTHOMETRIC HEIGHT	+00601

QUALITY
4
CHECKED