

**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 ID</u> BXK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> BUCKEYE	<u>STATE</u> AZ
<u>AIRPORT ELEVATION</u> 1033	<u>TDZE</u> 1033	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u> 13E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1985
				<u>CANCEL/SUSPEND</u>

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>
AJPAY	IF/IAF	SINZI		TF	FB	1.00	168.93	6.00	3400
SINZI		WISAM		TF	FB	1.00	168.93	2.71	3200
WISAM	FAF	TULBY/2.55 NM TO RW17		TF	FB	0.30	168.93	3.85	
TULBY/2.55 NM TO RW17		RW17	MAP	TF	FO	0.30	168.93	2.55	
RW17	MAP	1500 MSL		CA			168.93		1500
1500 MSL		AJPAY		DF	FO	1.00			5500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 5500 DIRECT AJPAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD N AJPAY, RT, 168.93 INBOUND, 5500 IN LIEU OF PT (IF/IAF), MAX 6000.
- FAC: 168.93 FAF: WISAM DIST FAF TO MAP: 6.40 DIST FAF TO THLD: 6.40
- MIN ALT: AJPAY 5500, SINZI 3400, WISAM 3200, TULBY/2.55 NM TO RW17 1920
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.63 GS ANT:
- MIN GP INCPT: 3200 GP ALT AT PFAF: WISAM 3200 OM: MM: IM:
- GP ANGLE: 3.13 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 41.1
- MSA FROM: RW17 5700



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1208 TRANSMISSION_LINE (04-081460) 332636N/1124042W.
CHART 1230 TRANSMISSION_LINE (04-081742) 332840N/1124143W.
CHART VDP AT 1.16 NM TO RW17.
WAAS CHANNEL # 40147
REFERENCE PATH ID: W17A
LTP HAE: 284.1 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>												
LPV DA	1283	1	250	1283	1	250	1283	1	250		NA				
LNAV/VNAV DA	1460	1 1/4	427	1460	1 1/4	427	1460	1 1/4	427		NA				
LNAV MDA	1460	1	427	1460	1	427	1460	1 1/4	427		NA				
CIRCLING	1520	1	487	1520	1	487	1740	2	707		NA				

CHANGES - REASONS

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZAB, LUKE APCH, PHOENIX APCH, AMGR

FLIGHT CHECKED BY

WENDI S GIMA

Digitally signed by

ALLAN WILL

Sep 02, 2025

OFFICE

AJF

DATE

08/27/2025

DEVELOPED BY

ERIC N SUSKI (TEVAR MALONE)

Digitally signed by

ALLAN WILL

Sep 02, 2025

OFFICE

AJV-A33

DATE

04/18/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

ALLAN WILL

Sep 02, 2025

OFFICE

AJV-A33

DATE

02/12/2026

TITLE
MANAGER



AIRPORT ID
BXK

PROCEDURE NAME
RNAV (GPS) RWY 17

ORIGINAL/AMENDMENT
ORIG

CITY
BUCKEYE

STATE
AZ

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBXK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	332548.3110N
LTP/FTP LONGITUDE	1124109.3530W
LTP/FTP ELLIPSOIDAL HEIGHT	+02841
FPAP LATITUDE	332419.0945N
FPAP LONGITUDE	1124112.9255W
THRESHOLD CROSSING HEIGHT (TCH)	00041.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.13
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 99A41E18

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+03149
FPAP ORTHOMETRIC HEIGHT	+03149



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

<u>AIRPORT ID</u> BXX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>AMDT NO.</u> ORIG	<u>CITY</u> BUCKEYE	<u>STATE</u> AZ	<u>AIRPORT ELEVATION</u> 1033	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM AJPAY (IF/IAF) **TO** SINZI

RNP 1.00 DISTANCE 6.00 PAT MAP HAT HMAS

<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>
AAO	333751.00N/1123721.00W	2638	215	8	4B	500				SA-386	2800
TERRAIN	333657.00N/1123827.00W	1889 (1900)								AS1500	3400

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM SINZI **TO** WISAM

RNP 1.00 DISTANCE 2.71 PAT MAP HAT HMAS

<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>
AAO	333545.00N/1123803.00W	2205	215	8	4B	500				SA-129 PR80	2700
TERRAIN	333451.00N/1123824.00W	1709 (1700)								AS1500	3200

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID
BXK

PROCEDURE NAME
RNAV (GPS) RWY 17

AMDT NO.
ORIG

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AIRPORT ELEVATION
1033

FACILITY
RNAV

FINAL: LPV

FROM
WISAM

TO
RW17

RNP
0.30

DISTANCE
6.40

PAT

MAP
DA

HAT
250

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (04-081493)	332606.94N/1124108.77W	1087	20	3	1A		32.59:1				1283

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
WISAM

TO
RW17

RNP
0.30

DISTANCE
6.40

PAT

MAP
DA

HAT
427

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRANSMISSION_LINE (04-081640)	332651.24N/1124149.37W	1205	20	3	1A		22.46:1				1460

COMPUTATIONS

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

SEGMENT REMARKS:

TRANSMISSION LINE (04-081640) IS LOCATED IN THE SLOPING SURFACE. DA/HAT APPLIED IAW 8260.58C PARA 3-3-5 TO MATCH LNAV MDA/HAT.

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FACILITY
RNAV

FINAL: LNAV

FROM
WISAM

TO
TULBY/2.55 NM TO RW17

RNP
0.30

DISTANCE
3.85

PAT

MAP

HAT

HMAS

<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>
AAO	333127.00N/1124009.00W	1559	215	8	4B	250				XL20 RA60 AT31	1920

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
TULBY/2.55 NM TO RW17

TO
RW17

RNP
0.30

DISTANCE
2.55

PAT

MAP
RW17

HAT
427

HMAS

<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>
TRANSMISSION_LINE (04-081460)	332636.08N/1124041.83W	1208	20	3	1A	250					1460

COMPUTATIONS

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

SEGMENT REMARKS:

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MISSED APPROACH: LNAV/VNAV

FROM DA **TO** AJPAY

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 1310

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5500
AAO	333609.00N/1123645.00W	2894	215	8	4B	1000				SA-473	3500
TERRAIN	333530.00N/1123751.00W	2076 (2100)								AS1500	3600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM RW17 **TO** AJPAY

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 1360

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5500
AAO	333609.00N/1123645.00W	2894	215	8	4B	1000				SA-473	3500
TERRAIN	333530.00N/1123751.00W	2076 (2100)								AS1500	3600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



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FACILITY
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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

LUKE APP CON, PHOENIX DEP CON, ZAB ARTCC

WX SERVICE AWOS-3	LOCATION BXK	HRS OPERATION 24	ALTIMETER SOURCE BXK	DISTANCE 0.31	WMSCR Y	ADJUSTMENTS 0
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BACK-UP WX SERVICE CTAF	LOCATION GYR	HRS OPERATION 24	ALTIMETER SOURCE GYR	DISTANCE 15.64	WMSCR N	ADJUSTMENTS 44.7
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WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KBXK 1033 KGYR 971 RA = 44.7

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW17 - MIRL (PCL), PAPI-2L	BSC-G	
RW35 - MIRL (PCL), PAPI-4L	BSC-G	

GLIDESLOPE ANGLE 3.13	ELEV RWY THRESHOLD 1033.0	TCH 41.1	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE 3.13	TCH 41.1
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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

CRITICAL LOW -17C	CRITICAL HIGH +54C	ACT -17C	APT ISA +12.95C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 866 HIGH TEMP 1180.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	RWY 17- LPV, LNAV/VNAV, LNAV		
34:1			
1087 POLE (04-081493) 332606.9400N/1124108.7700W (4.49)	1087 POLE (04-081564) 332606.9500N/1124105.1300W (4.15)		
1086 POLE (04-081432) 332606.9200N/1124112.4100W (3.85)	1040 VEGETATION (04-081435) 332551.8000N/1124106.6000W (2.29)		
1044 VEGETATION (04-081668) 332553.1700N/1124106.6400W (2.22)	1042 VEGETATION (04-081705) 332552.9600N/1124109.2400W (1.06)		

PENETRATIONS REMARKS:



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FACILITY
RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VEGETATION HEIGHT 20' PER FPT

PRECIPITOUS TERRAIN EVALUATION COMPLETED

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GYR ALTIMETER SETTING AND INCREASE LPV DA TO 1328 FEET. INCREASE LNAV/VNAV DA TO 1505 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.
CONTINGENCY NOTE: BARO-VNAV AND VDP NA WHEN USING GYR ALTIMETER SETTING.

LPV VIS IS LIMITED TO 1 SM. 34:1 IMPACT AND VISIBILITY RESTRICTED TO NOT LESS THAN 3/4 MILE, BUT ALP DOES NOT AUTHORIZE LESS THAN 1 SM.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1644 AAO 333227.00N/1123927.00W.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1230 TRANSMISSION_LINE (04-081742) 332839.57N/1124143.07W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #24-awp-121

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	
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.99
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	1.20
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	181.93
DISTANCE FROM	THLD	TO 1500FT POINT	1400
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	5.80
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	1.57
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	181.93
			1400

THRESHOLD COORDINATES (IF STR-IN)

332548.31N/1124109.35W

ARP COORDINATES

332521.12N/1124110.44W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 35 DISTANCE 0.45 NM

FAF COORDINATES

333212.67N/1124053.94W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME
ERIC N SUSKI (TEVAR MALONE)

OFFICE
AJV-A33

DATE
04/18/2025

TITLE
AERONAUTICAL INFORMATION SPECIALIST



AIRPORT ID
BXK

PROCEDURE NAME
RNAV (GPS) RWY 17

AMDT NO.
ORIG

CITY
BUCKEYE

STATE
AZ

AIRPORT ELEVATION
1033

FACILITY
RNAV

