

**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.

AIRPORT ID PAN	PROCEDURE NAME RNAV (GPS) RWY 24	ORIGINAL/AMENDMENT ORIG	CITY PAYSON	STATE AZ
AIRPORT ELEVATION 5160	TDZE 5160	SUPERSEDED	ORIGINAL/AMENDMENT NONE	DATED
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE CONCURRENT WITH 24-AWP-94	MAG VAR 12E
				EPOCH YEAR 2005
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BUHKL		SPURZ		TF	FO	1.00	080.08	26.75	10000
CHPPS		SPURZ		TF	FO	1.00	118.88	23.80	10000
SPURZ	IF/IAF	HEELR		TF	FB	1.00	304.04	7.85	9000
HEELR		PIICH		TF	FB	1.00	269.04	5.00	8500
PIICH		BRONK		TF	FB	1.00	259.01	2.00	7900
BRONK	FAF	STUDD/5.34 NM TO ONKUE		TF	FB	0.30	259.08	3.14	
STUDD/5.34 NM TO ONKUE		ONKUE	MAP	TF	FO	0.30	259.08	5.34	
ONKUE	MAP	5800 MSL		CA			259.08		5800
5800 MSL		TOPEE		DF	FO	1.00			10000

MISSED APPROACH

MAP:

LNAV/VNAV: DA
LNAV: ONKUE

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5800 THEN CLIMBING LEFT TURN TO 10000 DIRECT TOPEE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE SPURZ, RT, 299.07 INBOUND, 10000 FT. IN LIEU OF PT (IAF), MAX 12000.
- FAC:** 259.08 **FAF:** BRONK **DIST FAF TO MAP:** 8.48 **DIST FAF TO THLD:** 8.48
- MIN ALT:** SPURZ 10000, HEELR 9000, PIICH 8500, BRONK 7900, STUDD/5.34 NM TO ONKUE 6900
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **500 HAT:** 1.44 **GS ANT:**
- MIN GP INCPT:** 7900 **GP ALT AT PFAF:** BRONK 7900 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- MSA FROM:** RW24 9300



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV NA.
CHART NOTE: CIRCLING TO RWY 6 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD NW, LT, 137.95 INBOUND.
CHART FAS OBST: 5347 TOWER (04-023935) 341513N/1111841W.
CHART VDP AT 1.45 NM TO ONKUE.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 15.00 DEGREES.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 1000-3

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
LNAV/VNAV DA	5660	1 3/8	500	5660	1 3/8	500	5660	1 3/8	500	5660	1 3/8	500				
LNAV MDA	5660	1	500	5660	1	500	5660	1 3/8	500	5660	1 3/8	500				
CIRCLING	5700	1	540	5700	1	540	5760	1 1/2	600	6160	3	1000				

CHANGES - REASONS

ORIGINAL PROCEDURE.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAB ARTCC, AMGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

JOHN BORDY (DEVON KERCHER)

OFFICE

AJV-33

DATE

08/16/2024

APPROVED BY

JOHN BORDY

OFFICE

AJV-33

DATE

TITLE
MANAGER



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

<u>AIRPORT ID</u> PAN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>AMDT NO.</u> ORIG	<u>CITY</u> PAYSON	<u>STATE</u> AZ	<u>AIRPORT ELEVATION</u> 5160	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM BUHKL **TO** SPURZ

RNP 1.00 DISTANCE 26.75 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	341045.00N/1105327.00W	6552	215	8	4B	2000				AT1448	10000
TERRAIN	340930.00N/1110636.00W	6315 (6300)								AS1500	7800

COMPUTATIONS

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

BUHKL-SPURZ

SEGMENT REMARKS:

FEEDER

FROM CHPPS **TO** SPURZ

RNP 1.00 DISTANCE 23.80 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	342430.00N/1111303.00W	7894	215	8	4B	2000				AT106	10000
TERRAIN	342430.00N/1111303.00W	7693 (7700)								AS1500	9200

COMPUTATIONS

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

CHPPS-SPURZ

SEGMENT REMARKS:



AIRPORT ID
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FACILITY
RNAV

INTERMEDIATE

FROM
SPURZ (IF/IAF)

TO
HEELR

RNP
1.00

DISTANCE
7.85

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	341157.00N/1105512.00W	7100	215	8	4B	500				PR130 AT1270	9000
TERRAIN	341157.00N/1105512.00W	6899 (6900)								AS1500	8400

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM
HEELR

TO
PIICH

RNP
1.00

DISTANCE
5.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	341609.00N/1110006.00W	6930	215	8	4B	500				PR160 AT910	8500
TERRAIN	341612.00N/1110024.00W	6699 (6700)								AS1500	8200

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
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AMDT NO.
ORIG

CITY
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AZ

AIRPORT ELEVATION
5160

FACILITY
RNAV

INTERMEDIATE: STEPDOWN

FROM
PIICH **TO**
BRONK

RNP 1.00 **DISTANCE** 2.00 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	341518.00N/1110942.00W	6414	215	8	4B	500				PR130 AT856	7900
TERRAIN	341518.00N/1110936.00W	6194 (6200)								AS1500	7700

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
BRONK **TO**
ONKUE

RNP 1.00 **DISTANCE** 3.14 **PAT** **MAP**
DA **HAT**
500 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (04-000722)	341512.00N/1111838.00W	5337	250	50	4D		23.42:1			AC50 PR46	5660

COMPUTATIONS

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

SEGMENT REMARKS:

CONTROLLING OBS IN SLOPING SURFACE, MINS MATCH LNAV MINS PER 8260.58C 3-3-5.



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RNAV (GPS) RWY 24

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STATE
AZ

AIRPORT ELEVATION
5160

FACILITY
RNAV

FINAL: LNAV

FROM
BRONK

TO
STUDD/5.34 NM TO ONKUE

RNP
0.30

DISTANCE
3.14

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	341518.00N/1110942.00W	6414	215	8	4B	250				XL124 PR100	6900

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
STUDD/5.34 NM TO ONKUE

TO
ONKUE

RNP
0.30

DISTANCE
5.34

PAT

MAP
ONKUE

HAT
500

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>
TOWER (04-023935)	341513.00N/1111841.00W	5347	250	50	4D	250				AC50	5660

COMPUTATIONS

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

SEGMENT REMARKS:



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PAN

PROCEDURE NAME
RNAV (GPS) RWY 24

AMDT NO.
ORIG

CITY
PAYSON

STATE
AZ

AIRPORT ELEVATION
5160

FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAB ARTCC, PRC FSS

WX SERVICE AWOS-3PT	LOCATION PAN	HRS OPERATION 24	ALTIMETER SOURCE PAN	DISTANCE 0.12	WMSCR Y	ADJUSTMENTS 0
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BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
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WX REMARKS:

NO SUITABLE BACKUP ALTIMETER SOURCE AVAILABLE.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW06 - REIL (PCL), MIRL (PCL), PAPI-2R (PCL)	NPI-G	
RW24 - MIRL (PCL), REIL (PCL), PAPI-2L	NPI-G	

GLIDESLOPE ANGLE 3.00	ELEV RWY THRESHOLD 5160.4	TCH 40.0	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE 3.00	TCH 39.5
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	3000FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW -25C	CRITICAL HIGH +54C	ACT -25C	APT ISA +4.78C
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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 1028 HIGH TEMP 1356.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING KPAN:RW06
20:1	
5160 TREE (04-084958) 341519.2100N/1112058.0900W (9.02)	5156 TREE (04-084764) 341519.1700N/1112058.8300W (1.96)

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

20FT VEGETATION USED PER FPT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #24-AWP-94

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	7.08
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	271.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	6200
DISTANCE FROM	THLD	TO 1500FT POINT	8.08
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	271.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	6200

THRESHOLD COORDINATES (IF STR-IN)

341531.20N/1111949.52W

ARP COORDINATES

341524.61N/1112021.32W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 24 DISTANCE 0.45 NM

FAF COORDINATES

341529.72N/1110937.18W

FIX NAME COORDINATES

IF SPURZ 340850.78N/1105442.60W

REMARKS

AIRSPACE REQUESTED WITH DOCKET 24-AWP-94

PART E: PREPARED BY

NAME

JOHN BORDY (DEVON KERCHER)

OFFICE

AJV-33

DATE

08/16/2024

TITLE

AERONAUTICAL INFORMATION SPECIALIST

