

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>		<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
SPANISH FORK ARPT SPRINGVILLE- WOODHOUSE FIELD		KSPK	RNAV (GPS)-A	ORIG	SPANISH FORK	UT
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
4530					11E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL SUSPEND</u>		
RNAV			ROUTINE			

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>
VERNE	IAF	UKROY	NOPT	TF	FB	1.00	083.22	19.32	9600
FRNZY	IAF	UKROY	NOPT	TF	FB	1.00	013.21	12.68	9600
UKROY	IF/IAF	ZAMUX		TF	FB	1.00	083.49	5.49	7800
ZAMUX		NEVME		TF	FB	1.00	083.55	4.29	6800
NEVME	FAF	OGXIB	MAP	TF	FO	0.30	083.62	5.00	
OGXIB	MAP	4930 MSL		CA			083.62		
4930 MSL		VERNE		DF	FO	1.00			11500

MISSED APPROACH

MAP:

OGXIB

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 185 KIAS UNTIL TURN COMPLETION) CLIMBING RIGHT TURN TO 11500 DIRECT VERNE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W UKROY, RT, 083.49 INBOUND, 9600 FT. IN LIEU OF PT (IF/IAF), MAX 17500.

3. FAC: 083.62

FAF: NEVME

DIST FAF TO MAP: 5.00

DIST FAF TO THLD:

4. MIN ALT: UKROY 9600, ZAMUX 7800, NEVME 6800

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1:

20:1:

TCH:

8. MSA FROM: OGXIB 13200

PBN REQUIREMENTS NOTES:

RNP APCH.

NOTES:

CHART NOTE: USE PROVO ALTIMETER SETTING. WHEN NOT RECEIVED USE NEPHI ALTIMETER SETTING: INCREASE ALL MDAS 120 FT.
CHART R6412.
CHART SEVIER MOA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VERNE ON V57 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FRNZY ON V21-235 SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

FAC CROSSES MIDPOINT OF RWY 12/30.
CHART PROVO MUNI AWOS-3.
CHART CIRCLING ICON.
FAS OBST: 4699 AAO 400830N/1114500W.
HOLD S, RT, 342.02 INBOUND

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
CIRCLING	6360	1 1/4	1830	6360	1 1/2	1830	6360	3	1830		NA				

CHANGES - REASONS



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ARPT MGR, ZLC, SLC APP CON

FLIGHT CHECKED BY

DANIEL C FAVORITE

DEVELOPED BY

CARLOS J. ESCALANTE

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
CARLOS J ESCALANTE
May 10, 2018

Digitally signed by
DAVID TEFFETELLER
Nov 06, 2018

OFFICE

FICO

OFFICE

AJV-5433

OFFICE

AJV-5430

Digitally signed by
DAVID TEFFETELLER
Nov 06, 2018

DATE

10/28/18

DATE

03/07/2018

DATE

TITLE

MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE**

FACILITY
RNAV

RF CENTER FIX/DISTANCE

RF CENTER FIX/DISTANCE

QUALITY
10
CHECKED

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SPANISH FORK ARPT SPRINGVILLE-WOODHOUSE FIELD	KSPK	RNAV (GPS)-A	ORIG	SPANISH FORK	UT	4530	RNAV

INTERMEDIATE

FROM

UKROY (IF/IAF)

TO

ZAMUX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	5.49											
<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>
5.AAO	401212.00N/1115603.00W		6464	100	125	3E	500				PR140 AC79	7200
6.TERRAIN	401212.00N/1115603.00W		6264 (6300)								AS1500	7800

COMPUTATIONS

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

REMARKS:

INTERMEDIATE: STEPDOWN

FROM

ZAMUX

TO

NEVME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.29											
<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>
7.AAO	400700.00N/1114945.00W		5949	100	125	3E	500				AC79 PR170 AT102	6800
8.TERRAIN	400700.00N/1114945.00W		5749 (5700)								AS1000	6700

COMPUTATIONS

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

REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SPANISH FORK ARPT SPRINGVILLE-WOODHOUSE FIELD	KSPK	RNAV (GPS)-A	ORIG	SPANISH FORK	UT	4530	RNAV

FINAL: LNAV

FROM

NEVME

TO

OGXIB

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	5.00		OGXIB									
<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>
9.AAO	400830.00N/1114500.00W		4699	100	125	3E	250				MA1310 AC79	6360

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

HOLD-IN-LIEU OF PT

FROM

UKROY

TO

P-10

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
		P-10										
<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>
10.AAO	400203.00N/1120757.00W		7773	100	125	3E	1000				PR330 AT497	9600
11.TERRAIN	400203.00N/1120757.00W		7573 (7600)								AS1500	9100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:





MSA												
<u>CENTER</u>				<u>RADIUS</u>								
OGXIB				25								
<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	AAO	394913.31N/1114537.69W	179	19.7	12128	50	20	2C	1000			13200

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

COMMUNICATIONS WITH

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS-3PT	KPVU	24	KPVU	5.131	Y	17
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS-3	KU14	24	KU14	26.159	Y	130

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW12 - MIRL, REIL	NPI-P		
RW30 - MIRL, REIL	NPI-P		

QUALITY
10
CHECKED

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SPANISH FORK ARPT SPRINGVILLE-WOODHOUSE FIELD	KSPK	RNAV (GPS)-A	ORIG	SPANISH FORK	UT	4530	RNAV

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL IS CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS THE SAME
KSPK 4529, KPVU 4497
RA=16.3

RASS PRESSURE PATTERNS THE SAME
KSPK 4529, KU14 5022
RA = 129.3

71 FT VEGETATION HEIGHT USED PER FPT.

TAA NOT DEVELOPED PER ATC REQUEST.

FINAL APPROACH COURSE AIMING COORDINATES 400838.42N/1114109.40W.

SEE ATTACHED AIRSPACE LETTER.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SPANISH FORK ARPT SPRINGVILLE-WOODHOUSE FIELD	KSPK	RNAV (GPS)-A	ORIG	SPANISH FORK	UT	4530	RNAV
PART D: AIRSPACE							
DOCKET #							
ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE							
DISTANCE FROM	MAP	TO 1000FT POINT	0.67				
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20				
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	094.62				
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	4499				
DISTANCE FROM	MAP	TO 1500FT POINT	3.40				
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20				
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	094.62				
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	4499				
THRESHOLD COORDINATES (IF STR-IN)							
ARP COORDINATES	400842.10N/1114003.70W						
RUNWAY APCH END AND DIST FURTHEST FROM MAP	RUNWAY 30 DISTANCE 1.27 NM						
FAF COORDINATES	400902.77N/1114739.33W						
FIX NAME COORDINATES							
REMARKS							
MAP (OGXIB) COORDINATES 400838.42N / 1114109.40W.							



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SPANISH FORK ARPT SPRINGVILLE-WOODHOUSE FIELD	KSPK	RNAV (GPS)-A	ORIG	SPANISH FORK	UT	4530	RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CARLOS J. ESCALANTE	AJV-5433	03/07/2018	AERONAUTICAL INFORMATION SPECIALIST

