

**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> KVEL	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> VERNAL	<u>STATE</u> UT		
<u>AIRPORT ELEVATION</u> 5274	<u>TDZE</u> 5274	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 10E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-07.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
VEL VOR/DME		OHAPE		TF	FO	1.00	165.02	15.05	10000
ZIKOS	IAF	OHAPE	NOPT	TF	FB	1.00	307.89	13.44	10000
OHAPE	IF/IAF	RIYAJ		TF	FB	1.00	340.54	12.34	7200
RIYAJ	PFAF	RW35	MAP	TF	FO	0.30	349.03	5.67	
RW35	MAP	7000 MSL		CA		1.00	349.03		7000
7000 MSL		OHAPE		DF	FO	1.00			10000

MISSED APPROACH

MAP:

LPV: DA

LNAV/VNAV: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7000 THEN CLIMBING RIGHT TURN TO 10000 DIRECT OHAPE AND HOLD.

**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 290 FEET PER NM TO 8600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S OHAPE, LT, 340.54 INBOUND, 10000 FT. IN LIEU OF PT (IAF), MAX 17500.

3. FAC: 349.03

PFAF: RIYAJ

DIST FAF TO MAP:

DIST FAF TO THLD:

4. MIN ALT: OHAPE 10000, RIYAJ 7200

5. DIST TO THLD FROM PFAF: 5.67

MM:

IM:

150 HAT:

336 HAT: 0.84

GS ANT:

6. MIN GP INCPT: 7200

GP ALT AT PFAF: RIYAJ 7200

OM:

MM:

IM:

7. GP ANGLE: 3.10

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 60.0

8. MSA FROM: RW35 13500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VEL VOR/DME ON V208 NORTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT OHAPE ON V200 WESTBOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 5460 TREE 402426N/1093123W.
WAAS CHANNEL # 90241
REFERENCE PATH ID: W35A
LTP HAE: 1590.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C, D 1000-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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**	5610	1	336	5610	1	336	5610	1	336	5610	1	336			
LPV DA	6175	2 1/2	901	6175	2 1/2	901	6175	2 1/2	901	6175	2 1/2	901			
LNAV/VNAV DA**	5786	1 3/8	512	5786	1 3/8	512	5786	1 3/8	512	5786	1 3/8	512			
LNAV/VNAV DA	6093	2 1/2	819	6093	2 1/2	819	6093	2 1/2	819	6093	2 1/2	819			



CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM 5280 TO 5274 - UPDATED SURVEY.
2. FEEDER ROUTE: VEL VOR/DME TO OHAPE RNP CHANGED FROM 2.00 TO 1.00 - IAW 8260.58A, TABLE 1-2-1.
3. PROFILE LINE 5: DISTANCE TO THLD FROM 301 HAT: .073 CHANGED TO 336 HAT: 0.84 - UPDATED TARGETS EVALUATION.
4. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND REPLACED WITH PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H, 8-6-8 B(1).
5. DELETED CHART NOTE: BARO-VNAV NA WHEN USING ROOSEVELT ALTIMETER SETTING - PRIMARY ALTIMETER SETTING ON WMSCR.
6. DELETED CHART NOTE: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROOSEVELT ALTIMETER SETTING AND INCREASE ALL DA 76 FT, INCREASE **LPV ALL CATS VISIBILITY TO 1 1/8 SM, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3 SM, AND **LNAV/VNAV ALL CATS VISIBILITY TO 1 7/8 SM" - PRIMARY ALTIMETER SETTING ON WMSCR.
7. CHART NOTE: CHANGED FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C (-7°F) OR ABOVE 35°C (96°F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21°C OR ABOVE 54°C" - UPDATED 5 YR STUDY/TARGETS EVALUATION.
8. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM 5462 TREE 402442N/1093125W TO 5460 TREE 402426N/1093123W - UPDATED TARGETS EVALUATION.
9. ALTERNATE MINIMUMS: CAT A, B, C, D 900-3 UPDATED TO 1000-2 1/2 AND ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE - LPV HAT INCREASED; BACKUP ALTIMETER IN USE WITH APPROVED ALTERNATE MINIMUMS.
10. MINIMUMS: LPV** DA/HAT CHANGED FROM 5575/301 TO 5610/336 - UPDATED OBSTACLE EVALUATION.
11. MINIMUMS: LPV DA/HAT/VIS CHANGED FROM 6102/828/3 TO 6175/901/2 1/2 - UPDATED OBSTACLE EVALUATION; VIS IAW 8260.3 TABLE 3-3-1 AND VIS CHECK RESULTS.
12. MINIMUMS: LNAV/VNAV DA/HAT CHANGED FROM 6045/771 TO 6093/819 - UPDATED OBSTACLE EVALUATION.
13. MINIMUMS: LNAV/VNAV** VISIBILITY ALL CATS CHANGED FROM 1 5/8 TO 1 3/8 - IAW 8260.3 TABLE 3-3-1 AND VIS CHECK RESULTS.
14. LTP/FTP LAT/LONG CHANGED FROM "402535.3085N/1093040.3565W" TO "402535.3075N/1093040.3565W" - UPDATED TARGETS EVALUATION.
15. FPAP LAT/LONG CHANGED FROM "402704.4575N/1093042.3325W" TO "402704.4565N/1093042.3285W" - UPDATED TARGETS EVALUATION.
16. CRC REMAINDER CHANGED FROM 4E87D62B TO CB54ED04 - LTP/FTP AND FPAP LAT/LONGS CHANGED.

02/26/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/19/2020.

1. PROFILE LINE 3: CHANGED "FAF: RIYAJ" TO "PFAF: RIYAJ".
2. PROFILE LINE 4: MIN ALT: ADDED "RIYAJ 7200".
3. PROFILE LINE 6: CHANGED "GP ALT AT FAF: RIYAJ 7200" TO "GP ALT AT PFAF: RIYAJ 7200".

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC, APT MGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-1000) MEMO, DATED JUNE 4, 2020,
SUBJECT: FLIGHT INSPECTION OF NEW CONTROLLING OBSTACLES

OFFICE*Digitally signed by***DATE****JON DENTON**

Mar 02, 2021

DEVELOPED BY

WARDELL HENNING (PATRICK COMBS)

*Digitally signed by***OFFICE****DATE****JON DENTON**

AJV-A432

06/12/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

Mar 02, 2021

OFFICE**DATE****JON DENTON**

AJV-A430

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVEL
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	402535.3075N
LTP/FTP LONGITUDE	1093040.3565W
LTP/FTP ELLIPSOIDAL HEIGHT	+15905
FPAP LATITUDE	402704.4565N
FPAP LONGITUDE	1093042.3285W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CB54ED04

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16076
FPAP ORTHOMETRIC HEIGHT	+16076

