## 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 WASHINGTON COUNTY MEMORIAL	VETERAN'S K38	PROCEDURE NAME RNAV (GPS) RWY 35	ORIGINAL/AMENDME 1A		<u>CITY</u> SHINGTON	<u>STATE</u> KS
AIRPORT ELEVATION 1437	<u>TDZE</u> 1435	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	ORIGINAL/AMENDMENT 1	<b>DATED</b> 07/24/2014	MAG VAR 6E	EPOCH YEAR 1990
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 30 JANUARY 2020	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUS	PEND	

TERMINAL ROUTES

<u> </u>									
FROM	FIX TYPE	<u>T0</u>	FIX TYPE	LEG TYPE	FO/FB	<u>RNP</u>	COURSE	DISTANCE	ALTITUDE
OXETY		OVOCI		TF	FB	1.00	050.17	16.99	3100
MHK VOR/DME		JEVSI		TF	FB	1.00	320.75	23.83	3000
OVOCI	IAF	OFAGI	NOPT	TF	FB	1.00	044.16	6.00	3000
JEVSI	IAF	OFAGI	NOPT	TF	FB	1.00	304.28	6.00	3000
OFAGI	IF/IAF	JEKUB		TF	FB	1.00	354.22	6.48	3000
JEKUB	FAF	RW35	MAP	TF	FO	0.30	354.22	4.82	
RW35	MAP	1762 MSL		CA			354.22		
1762 MSL		WOVOP		DF	FO	1.00			3100

## MISSED APPROACH

MAP:

LPV: DA LNAV/VNAV: DA LNAV: RW35

#### MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT WOVOP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

AIRPORT	AIRPORT	<u>ID</u>	PROCEDURE NAME	ORIGINAL/AMENDMENT	<u>CITY</u>	<u>STATE</u>
WASHINGTON COUNTY VETER	AN'S K38		RNAV (GPS) RWY 35	1A	WASHINGTON	KS
MEMORIAL						
PROFILE:						
1. PT SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)			
2. HOLD S OFAGI, RT, 354.22 INB	OUND, 3000 FT. IN LIEU O	<sup>=</sup> PT (IAF), MAX 6000.				
<b>3. FAC:</b> 354.22 <b>FAF:</b> JEKUE	3	DIST FAF TO M	AP: 4.82 DIST	FAF TO THLD: 4.82		
4. MIN ALT: OFAGI 3000, JEKUB	3 3000					
5. DIST TO THLD FROM OM:	MM:	IM: 150 HA	T: 327 HAT: 0.93	GS ANT:		
6. MIN GP INCPT: 3000	GP ALT AT FAF : JEH	(UB 3000	OM:	MM:	IM:	
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	<b>TCH:</b> 40.0			
8. MSA FROM: RW35 3200						
PBN REQUIREMENTS NOTE:						

RNP APCH.

## NOTES:

CHART NOTE: CIRCLING RWY 17 NA AT NIGHT. CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: BARO-VNAV NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OXETY ON V532 SOUTHBOUND. CHART NOTE: USE CONCORDIA ALTIMETER SETTING.

#### **ADDITIONAL FLIGHT DATA:**

CHART CONCORDIA ASOS. CHART CIRCLING ICON. WAAS CHANNEL #40436 REFERENCE PATH ID: W35A FAS OBST: 1679 AAO 393951N/0970344W. CHART: 1743 TOWER 393850N/0970042W. HOLD N, RT, 174.22 INBOUND LTP HAE: 407.8 M

## MINIMUMS:

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

ALTERNATE: NA X

CATEGORY:		Α			В			С			D			Е	
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1762	1 1/8	327	1762	1 1/8	327	1762	1 1/8	327		NA				
LNAV/VNAV DA	1805	1 1/4	370	1805	1 1/4	370	1805	1 1/4	370		NA				
LNAV MDA	2020	1	585	2020	1	585	2020	1 3/4	585		NA				
CIRCLING	2020	1	583	2020	1	583	2020	1 3/4	583		NA			OUALIT_	
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<u>AIRPORT</u>	<u>AIRPORT ID</u>	PROCEDURE NAME	ORIGINAL/AMENDMENT	<u>CITY</u>	<u>STATE</u>
WASHINGTON COUNTY VETERAN'S MEMORIAL	K38	RNAV (GPS) RWY 35	1A	WASHINGTON	KS

#### **CHANGES - REASONS**

1. REMOVED STEPDOWN FIX ZODOD FROM TERMINAL ROUTES LNAV FINAL SEGMENT AND UPDATED LNAV FINAL DISTANCE TO 4.82 NM - ZODOD FIX NA PER NOTAM FDC 9/6255.

2. ADDED "MAX 6000" TO PROFILE, LINE 2 - IAW 8260.19H, PARA 8-6-7.B.(2).

3. REMOVED "ZODOD/1.80 NM TO RW35 2040\*" FROM PROFILE, LINE 4 AND "\*LNAV ONLY" FROM NOTES - REMOVED LNAV STEPDOWN.

4. UPDATED PROFILE, LINE 5 DIST TO THLD FROM 327 HAT FROM 0.90 NM TO 0.93 NM - NEW PROCEDURE BUILD OF FINAL YIELDED UPDATED DISTANCE.

5. ADDED "20:1 IS CLEAR" TO PROFILE, LINE 7 - IAW 8260.19H, PARA 8-6-7.G.

6. REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH" TO PBN REQUIREMENTS NOTES - IAW 8260.19H, PARA 8-6-8.B.(1).

7. UPDATED CHART NOTES FROM "PROCEDURE NA AT NIGHT" TO "CIRCLING RWY 17 NA AT NIGHT" AND FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 20:1 PENETRATIONS NO LONGER EXIST.

8. REMOVED BACKUP ALTIMETER NOTE - MOVED TO -9 AS A CONTINGENCY.

9. UPDATED ADDITIONAL FLIGHT DATA FAS OBST FROM 1519 TREE TO 1679 AAO - REMOVED LNAV STEPDOWN; IAW 8260.19H, PARA 8-6-10.C.

10. ADDED "CHART: 1743 TOWER..." TO ADDITIONAL FLIGHT DATA - NEW PROCEDURE BUILD OF FINAL SEGMENT YIELDED NEW 7:1 OBSTACLES; IAW 8260.19H, PARA 8-6-10.E.

11. RAISED VISIBILITY MINIMUMS FOR LNAV CAT C FROM 1 1/4 TO 1 3/4 AND FOR CIRC CAT C FROM 1 1/2 TO 1 3/4 - NEW VIS CHECK.

12. RAISED LNAV MDA/HAT FROM 1860/425 TO 2020/583 AND CIRCLING MDA/HAA FROM 1940/503 TO 2020/583 - REMOVED STEPDOWN FIX.

13. ADDED "CHART CONCORDIA ASOS" IN ADDITIONAL FLIGHT DATA - PRIMARY ALTIMETER IS OBTAINED FROM A REMOTE SOURCE.

14. CRC REMAINDER CHANGED FROM 7A41F524" TO "B01515B3" - FPAP LONG CHANGED FROM "...0.9700" TO "...0.9695"

### COORDINATED WITH:

A4A 🗌 ALPA 🔀 🛛 AOPA 🔀	APA 🗌 🛛 HAI 🗌	NBAA X OTHER: ZKC, AMGR			
FLIGHT CHECKED BY JOHN D JEFFERS		Digitally signed by <b>ALLAN WILL</b> Nov 21, 2019	OFFICE FICO	DATE 11/13/19	
<u>DEVELOPED BY</u> ALLAN WILL (MADELINE CLARK)		Digitally signed by ALLAN WILL	OFFICE AJV-A422	DATE 09/09/2019	
APPROVED BY MARLON ROBINSON		Nov 21, 2019 Digitally signed by <b>ALLAN WILL</b>	OFFICE AJV-A420	DATE	<u>TITLE</u> MANAGER
		Nov 21, 2019			

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<u>AIRPORT</u>	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	<u>CITY</u>	
WASHINGTON COUNTY VETERAN'S MEMORIAL	K38	RNAV (GPS) RWY 35	1A	WASHINGTON	
FAS DATA BLOCK INFORMATION					
DATA FIELD	DATA				
OPERATION TYPE	0				
SBAS SERVICE PROVIDER IDENTIFIER	0				
AIRPORT IDENTIFIER	K38				
RUNWAY	RW35				
APPROACH PERFORMANCE DESIGNATOR	0				
ROUTE INDICATOR					
REFERENCE PATH DATA SELECTOR	0				
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A				
LTP/FTP LATITUDE	394349.7900	N			
LTP/FTP LONGITUDE	0970251.413	30W			
LTP/FTP ELLIPSOIDAL HEIGHT	+04078				
FPAP LATITUDE	394518.9615	5N			
FPAP LONGITUDE	0970250.969	95W			
THRESHOLD CROSSING HEIGHT (TCH)	00040.0				
TCH UNITS SELECTOR (METERS OR FEET USED	<b>))</b> F				
GLIDEPATH ANGLE (GPA)	03.00				
COURSE WIDTH AT THRESHOLD	106.75				
LENGTH OFFSET	1712				
HORIZONTAL ALERT LIMIT (HAL)	40.0				
VERTICAL ALERT LIMIT (VAL)	50.0				
CRC REMAINDER	B01515B3				
ADDITIONAL PATH POINT RECORD INFORMATIC	<u>)N</u>				
ICAO CODE	К3				

ICAO CODE	К3
LTP ORTHOMETRIC HEIGHT	+04346
FPAP ORTHOMETRIC HEIGHT	+04346

ONALITY 10 CHECKED

<u>STATE</u> KS