

**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> KMYJ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MEXICO	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 823	<u>TDZE</u> 822	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> 02/23/2023	<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>
HLV VORTAC	IAF	TABCO	NOPT	TF	FB	1.00	116.35	4.53	3000
OGULE	IAF	TABCO	NOPT	TF	FB	1.00	027.96	4.06	3000
TABCO	IF/IAF	WOPES		TF	FB	1.00	063.56	6.03	2500
WOPES	FAF	SERRO/2.44 NM TO RW06		TF	FB	0.30	063.62	2.70	
SERRO/2.44 NM TO RW06		RW06	MAP	TF	FO	0.30	063.62	2.44	
RW06	MAP	1072 MSL		CA			063.62		
1072 MSL		HAPTO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HAPTO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW TABCO, RT, 063.55 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 063.62FAF: WOPESDIST FAF TO MAP: 5.14DIST FAF TO THLD: 5.14

4. MIN ALT: TABCO 3000, WOPES 2500, SERRO/2.44 NM TO RW06 1640

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:

6. MIN GP INCPT: 2500GP ALT AT PFAF : WOPES 2500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW06 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COLUMBIA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HLV VORTAC AIRWAY RADIALS 036 CW 203.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA ALTIMETER SETTING: INCREASE LPV DA TO 1146 FEET AND VISIBILITIES 1/4 SM; INCREASE LNAV/VNAV DA TO 1167 FEET AND VISIBILITIES 1/8 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 3/8 SM AND CIRCLING VISIBILITY CAT C 1/2 SM.
CHART SPEED ICON IN PLANVIEW AT HLV: MAX 230 KIAS.
CHART SPEED ICON IN PLANVIEW AT OGULE: MAX 220 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 243.84 INBOUND.
CHART FAS OBST: 936 BUILDING (29-074547) 390931N/0915038W.
CHART VDP AT 1.06 NM TO RW06.
WAAS CHANNEL # 97423
REFERENCE PATH ID: W06A
LTP HAE: 218.1 M

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
LPV DA	1072	3/4	250	1072	3/4	250	1072	3/4	250		NA				
LNAV/VNAV DA	1093	7/8	271	1093	7/8	271	1093	7/8	271		NA				
LNAV MDA	1200	1	378	1200	1	378	1200	1	378		NA				
CIRCLING	1280	1	457	1280	1	457	1420	1 1/2	597		NA				



CHANGES - REASONS

1. INCORPORATED P-NOTAMS 4/7045 FOR AMDT 1A, 6/2746 FOR AMDT 1B, AND 1/8022 FOR AMDT 1C.
2. CHANGED SECONDARY ALTIMETER NOTE FROM "...USE COLUMBIA RGNL ALTIMETER SETTING; INCREASE LPV DA TO 1147 FEET AND VISIBILITY ALL CATS 1/8 SM; INCREASE LNAV/VNAV DA TO 1173 FEET AND VISIBILITY ALL CATS 1/8 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 3/8 SM AND CIRCLING VISIBILITY CAT C 1/2 SM" TO "...USE COLUMBIA ALTIMETER SETTING; INCREASE LPV DA TO 1146 FEET AND VISIBILITIES 1/4 SM; INCREASE LNAV/VNAV DA TO 1167 FEET AND VISIBILITIES 1/8 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 3/8 SM AND CIRCLING VISIBILITY CAT C 1/2 SM" -- TDZE CHANGED, LOWERED LNAV/VNAV DA, AND UPDATED IAW 8260-19I, 8-6-11.O(4)(B).
3. TDZE CHANGED FROM "823" TO "822" -- UPDATED DATA.
4. CHANGED COURSE/DISTANCE IN SEGMENT TABCO-WOPES FROM "063.55/6.00" TO "063.56/6.03" AND DISTANCE IN SEGMENT WOPES-SERRO FROM "2.64" TO "2.70" IN TERMINAL ROUTES -- WOPES RELOCATED PER FPT REQUEST.
5. CHANGED COURSE/DISTANCE IN SEGMENT SERRO-RW06 FROM "063.66/2.50" TO "063.62/2.44" IN TERMINAL ROUTES -- SERRO RELOCATED TO FACILITATE VAA.
6. CHANGED CA LEG ALTITUDE FROM "1073" TO "1072" AND COURSE FROM "063.66" TO "063.62" IN TERMINAL ROUTES -- TDZE UPDATED; FAC REALIGNMENT.
7. ADDED "MAX 6000" ON PROFILE LINE 2 -- UPDATED IAW 8260.19I, 8-6-7.B(2).
8. CHANGED FAC FROM "063.63" TO "063.62" ON PROFILE LINE 3 -- WOPES RELOCATED PER FPT REQUEST.
9. CHANGED "SERRO/2.50 NM TO RW06 1640" TO "SERRO/2.44 NM TO RW06 1640" ON PROFILE LINE 4 -- SERRO RELOCATED TO FACILITATE VAA AND UPDATED IAW 8260.19I, 1-1-5.F(12).
10. CHANGED "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR" AND ADDED "20:1 IS CLEAR" ON PROFILE LINE 7 -- AIRPORT CONFIRMS REMOVAL OF 34:1 PENETRATION; UPDATED IAW 8260.19I, 8-6-7.G(3) (A).
11. DELETED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(2).
12. DELETED FAHRENHEIT TEMPERATURES FROM UNCOMPENSATED BARO-VNAV NOTE -- UPDATED IAW 8260-19I, 8-6-9.R.
13. ADDED CHART SPEED ICONS IN PLANVIEW AT "HLV VORTAC: MAX 230 KIAS" AND "OGULE: MAX 220 KIAS" -- SPEED RESTRICTIONS REQUIRED TO FACILITATE TURNS TO INITIAL.
14. CHANGED CHART FAS OBSTACLE FROM "949 TREE 390921N/0915012W" TO "936 BUILDING (29-074547) 390931N/0915038W" IN ADDITIONAL FLIGHT DATA -- NEW CONTROLLING OBSTACLE.
15. DELETED "CHART: 1296 COMMUNICATION TWR 390843N/0915305W" IN ADDITIONAL FLIGHT DATA -- NO 7:1 OBSTACLES.
16. LTP HAE CHANGED FROM "218.4 M" TO "218.1 M" IN ADDITIONAL FLIGHT DATA -- LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+02184" TO "+02181" IN FAS DATA.
17. CHANGED LPV DA ALL CATS FROM "1073" TO "1072" AND VISIBILITIES FROM "7/8" TO "3/4" -- TDZE CHANGED, UPDATED IAW 8260-3E VISIBILITY TABLES.
18. CHANGED LNAV/VNAV DA/HAT ALL CATS FROM "1099/276" TO "1093/271" -- NEW CONTROLLING OBSTACLE.
19. CHANGED LNAV HAT ALL CATS FROM "377" TO "378" -- TDZE CHANGED.
20. FAS DATA: CRC REMAINDER CHANGED FROM "B5C349A4" TO "93DD15C4" -- FTP/LTP COORDINATES CHANGED FROM "390915.4480N/0914931.9185W" TO "390916.2625N/0914929.6035W", FPAP COORDINATES CHANGED FROM "390952.1500N/0914747.5200W" TO "390952.9715N/0914745.2075W", LENGTH OFFSET CHANGED FROM "1072" TO "1136", AND LTP/FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+02508" TO "+02505".
21. CHANGED "250 HATH: 0.66 NM" TO "250 HAT: 0.66 NM" AND MOVED TO PROFILE LINE 5 -- UPDATED IAW 8260.19I, 8-6-7.E(3).
22. DELETED NOTE "HELICOPTER VISIBILITY BELOW 3/4 SM NOT AUTHORIZED" -- 34:1 IS CLEAR.

01/11/23:THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/06/22.

1. CHANGED REQUIRED EFFECTIVE DATE FROM "ROUTINE" TO "02/23/2023" - HARD DATED.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZKC, MIZZU APCH, MISSOURI AERO, AMGR

FLIGHT CHECKED BY
PENDING

Digitally signed by
JASON KRETSCHMER
Jan 11, 2023

OFFICE

DATE

DEVELOPED BY
JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by
JASON KRETSCHMER

OFFICE
AJV-A421

DATE
09/06/2022

APPROVED BY
MARLON ROBINSON

Oct 19, 2022
Digitally signed by
JASON KRETSCHMER
Oct 19, 2022

OFFICE
AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMYJ
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	390916.2625N
LTP/FTP LONGITUDE	0914929.6035W
LTP/FTP ELLIPSOIDAL HEIGHT	+02181
FPAP LATITUDE	390952.9715N
FPAP LONGITUDE	0914745.2075W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	93DD15C4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02505
FPAP ORTHOMETRIC HEIGHT	+02505

