

**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.

<b><u>AIRPORT</u></b> ORANGE COUNTY	<b><u>AIRPORT ID</u></b> KMGJ	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 8	<b><u>ORIGINAL/AMENDMENT</u></b> 1C	<b><u>CITY</u></b> MONTGOMERY	<b><u>STATE</u></b> NY
<b><u>AIRPORT ELEVATION</u></b> 370	<b><u>TDZE</u></b> 359	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 8	<b><u>ORIGINAL/AMENDMENT</u></b> 1B	<b><u>DATED</u></b> 01/03/2019	<b><u>MAG VAR</u></b> 14W
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 31 JANUARY 2019	<b><u>REQUIRED EFFECTIVE DATE</u></b> 01/31/2019	<b><u>CANCEL/SUSPEND</u></b>	<b><u>EPOCH YEAR</u></b> 2000

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
HUO VOR/DME	IAF	OSSEK		TF	FB	1.00	087.59	4.65	2900
OSSEK	IF	WEJTI		TF	FB	1.00	080.08	6.10	2000
WEJTI	FAF	RW08	MAP	TF	FO	0.30	080.16	4.98	
RW08	MAP	770 MSL		CA			080.16		
770 MSL		YORNO		DF	FO	1.00			
YORNO		HELON		TF	FO	1.00	340.21	9.21	5300

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV: RW08

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 5300 DIRECT YORNO AND LEFT TURN ON TRACK 340.21 TO HELON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5300.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT OSSEK

3. FAC: 080.16

FAF: WEJTI

DIST FAF TO MAP: 4.98

DIST FAF TO THLD: 4.98

4. MIN ALT: OSSEK 2900, WEJTI 2000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

700 HAT: 2.09

GS ANT:

6. MIN GP INCPT: 2000

GP ALT AT FAF : WEJTI

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH: 40.0

8. MSA FROM: RW08 5000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HUO VOR/DME AIRWAY RADIALS 019 CW 145.  
CHART NOTE: STRAIGHT-IN RWY 8 NA AT NIGHT, CIRCLING RWY 8, 22, 26 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
WAAS CHANNEL #50216  
REFERENCE PATH ID: W08A  
CHART FAS OBST: 959 TREE 412921N/0742134W.  
HOLD NE, RT, 208.86 INBOUND  
LTP HAE: 75.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 800-2 1/2, CAT C 900-2 1/2, CAT D 900-2 3/4

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	1059	2 1/2	700	1059	2 1/2	700	1059	2 1/2	700	1059	2 1/2	700			
LNAV MDA	1220	1	861	1220	1 1/4	861	1220	2 1/2	861	1220	2 3/4	861			
CIRCLING	1220	1 1/4	850	1220	1 1/4	850	1220	2 1/2	850	1220	2 3/4	850			

CHANGES - REASONS

1. ADDITIONAL FLIGHT DATA LTP HAE INCREASED FROM 30.5 M TO 75.3 M - RECALCULATED RUNWAY ELLIPSOIDAL HEIGHT.
2. RAISED LTP/FTP ELLIPSOIDAL HEIGHT FROM +00305 TO +00753 - RECALCULATED RUNWAY ELLIPSOIDAL HEIGHT.
3. CHANGED CRC REMAINDER FROM CBA984AF TO A42EF1C2 - NEW SIAP GENERATED ALPHANUMERIC FIGURE BASED ON NEW ELLIPSOIDAL HEIGHT.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZNY, ZBW, NY APCH, APT MGR, ATA

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

DEVELOPED BY

DUSTIN DAVIDSON

*Digitally signed by*  
**DUSTIN DAVIDSON**  
Dec 18, 2018

OFFICE

AJV-5442

DATE

12/18/2018

APPROVED BY

MARLON ROBINSON

*Digitally signed by*  
**JACOB POWERS**  
Dec 19, 2018

OFFICE

AJV-5440

DATE

TITLE  
MANAGER



**FAS DATA BLOCK INFORMATION**

<b><u>DATA FIELD</u></b>	<b><u>DATA</u></b>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMGJ
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	413022.5065N
LTP/FTP LONGITUDE	0741605.0130W
LTP/FTP ELLIPSOIDAL HEIGHT	+00753
FPAP LATITUDE	413058.4300N
FPAP LONGITUDE	0741416.4600W
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	1632
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A42EF1C2

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01073
FPAP ORTHOMETRIC HEIGHT	+01073

