

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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> ORANGE COUNTY	<u>AIRPORT ID</u> KMGJ	<u>PROCEDURE NAME</u> VOR RWY 8	<u>ORIGINAL/AMENDMENT</u> 9A	<u>CITY</u> MONTGOMERY	<u>STATE</u> NY	
<u>AIRPORT ELEVATION</u> 370	<u>TDZE</u> 359	<u>SUPERSEDED</u> VOR RWY 8	<u>ORIGINAL/AMENDMENT</u> 9	<u>DATED</u> 02/16/2006	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 1970
<u>FACILITY</u> HUO	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> 01/03/2019	<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>
HUO VOR/DME	IF	ORGEN INT/9.00 DME					080.00	9.00	2800

MISSED APPROACH

MAP:

6.70 NM AFTER ORGEN INT/HUO 9.00 DME OR AT ZEXAT/15.70 DME FIX

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 4000 DIRECT HUO VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- 1. PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2.** HOLD W HUO VOR/DME, RT, 080.00 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. FAC:** 080.00 **FAF:** ORGEN INT/9.00 DME **DIST FAF TO MAP:** 6.70 **DIST FAF TO THLD:** 6.70
- 4. MIN ALT:** HUO VOR/DME 4000, ORGEN INT/9.00 DME 2800, ZOGUL/13.00 DME 1220
- 8. MSA FROM:** HUO VOR/DME 045-315 3500, 315-045 3900

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON HUO VOR/DME AIRWAY RADIALS R-207, R-235, AND R-314.
CHART NOTE: STRAIGHT-IN RWY 8 NA AT NIGHT, CIRCLING RWY 8, 22, 26 NA AT NIGHT.



ADDITIONAL FLIGHT DATA:

FAC IS A FLIGHT CHECK VALUE
CHART CIRCLING ICON.
ORGEN TO RW08: 3.39/40.
CHART FAS OBST: 833 TREE 413033N/0741914W.

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

ALTERNATE: NA ☐ CAT A, B 900-2, 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
S-08	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			
ZOGUL MINIMUMS															
S-08	1160	1	801	1160	1 1/4	801	1160	2 1/2	801	1160	2 3/4	801			
CIRCLING	1200	1 1/4	830	1200	1 1/4	830	1200	2 1/2	830	1220	2 3/4	850			

CHANGES - REASONS

1. UPDATED COMMUNICATION INFORMATION FROM NY APP CON TO NY APP CON, ZBW, ZNY, NYC FPO, AMGR.- UPDATED TO ALIGN WITH OTHER PROCEDURES AT KMGJ.
2. NAMED HUO 13.00 DME FIX ZOGUL - IAW 8260.19H PARA 2-10-5.
3. NAMED HUO 15.70 DME FIX ZEXAT - IAW 8260.19H PARA 2-10-5.
4. ADDED CHART NOTE: STRAIGHT-IN RWY 8 NA AT NIGHT, CIRCLING RWY 8, 22, 26 NA AT NIGHT.- 20:1 PENETRATIONS.
5. ADDED CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - 20:1 OBSTACLES IDENTIFIED.
6. ADDED CHART NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - IAW 8260.19H PARA 8-6-9.
7. ADDED ALTERNATE MINIMUMS: CAT A/B 900-2, CAT C 900-2 1/2, CAT D 2 3/4. - IAW 8260.3D 3-4-1
8. CHANGED CHART PLANVIEW NOTE FROM "NOPT FOR ARRIVAL ON HUO VOR/DME AIRWAY RADIALS 207 CW 314" TO "NOPT FOR ARRIVAL ON HUO VOR/DME AIRWAY RADIALS R-207, R-235, AND R-314" - IAW 8260.19H 8-2-5 G.
9. ADDED CHART CIRCLING ICON - NEW CONTROLLING OBSTACLES WITH NEW CIRCLING RADII.
10. INCREASED S-08 ALL CATS HAT FROM 860 TO 861 - NEW AIRPORT SURVEY SINCE PRIOR PROCEDURE AMENDMENT.
11. INCREASED S-08 ZOGUL FIX MINIMUMS FROM 800 TO 801 - NEW AIRPORT SURVEY SINCE PRIOR PROCEDURE AMENDMENT.
12. DECREASED CIRCLING ALL CATS HAA FROM 855 TO 850 - NEW AIRPORT SURVEY SINCE PRIOR PROCEDURE AMENDMENT.
13. DECREASED ZOGUL CIRCLING CATS A,B,C HAA FROM 835 TO 830 - NEW AIRPORT SURVEY SINCE PRIOR PROCEDURE AMENDMENT.
14. INCREASED CIRCLING CAT D CMDA/HAA FROM 1200/835 TO 1220/850 - NEW CONTROLLING OBSTACLE WITH UPDATED CIRCLING RADIUS.
15. INCREASED CIRCLING CAT A VISIBILITY FROM 1 SM TO 1 1/4 SM - IAW 8260.3D TABLE 3-3-7.
16. INCREASED S-08 ZOGUL MINIMUMS CAT A VISIBILITY FROM 1 SM TO 1 1/4 SM AND CAT C VISIBILITY FROM 2 1/4 SM TO 2 1/2 SM - IAW 8260.3D TABLE 3-3-1.
17. MOVED BACKUP ALTIMETER NOTES TO GENERAL SECTION OF 8260-9 - PRIMARY AND SECONDARY ALTIMETER ON WMSCR.
18. CHANGED MSA AT HUO VOR/DME FROM "045-315 3400, 315-045 4200" TO "045-315 3500, 315-045 3900" - ALIGN WITH ILS OR LOC RWY 4, ORIG.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, NY TRACON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

Digitally signed by
JACOB POWERS
Nov 14, 2018

DATE

DEVELOPED BY

DUSTIN DAVIDSON

Digitally signed by
DUSTIN DAVIDSON

Nov 09, 2018

OFFICE

AJV-5442

DATE

11/01/2018

APPROVED BY

MARLON ROBINSON

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Nov 14, 2018

OFFICE

AJV-5440

DATE

TITLE
MANAGER

