

**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> 208	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> HINTON	<u>STATE</u> OK		
<u>AIRPORT ELEVATION</u> 1587	<u>TDZE</u> 1587	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 11/07/2019	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 266/30 CW 085/30	NOPT	266/10 CW 085/10		4500
2. 266/10 CW 085/10		HADMA	IF/IAF	3600
3. 085/30 CW 176/30		085/6 CW 176/6		4500
4. 085/6 CW 176/6		EKOKE	IAF	3600
5. 176/30 CW 266/30		OMASE	IAF	3600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EKOKE	IAF	HADMA	NOPT	TF	FB	1.00	085.44	5.00	3600
OMASE	IAF	HADMA	NOPT	TF	FB	1.00	265.56	5.00	3600
HADMA	IF/IAF	COGNO		TF	FB	1.00	355.50	5.00	3400
COGNO	FAF	RW36	MAP	TF	FO	0.30	355.50	5.48	
RW36	MAP	1987 MSL		CA			355.50		
1987 MSL		ASIME		DF	FO	1.00			3500



MISSED APPROACH

MAP:

LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT ASIME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD S HADMA, RT, 355.50 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 355.50 FAF: COGNO DIST FAF TO MAP: 5.48 DIST FAF TO THLD: 5.48

4. MIN ALT: HADMA 3600, COGNO 3400

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 624 HAT: 1.80 GS ANT:

6. MIN GP INCPT: 3400 GP ALT AT FAF : COGNO OM: MM: IM:

7. GP ANGLE: 3.04 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 43.4

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH-GPS.

NOTES:

CHART NOTE: RWY RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE WEATHERFORD ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART THOMAS P. STAFFORD AWOS-3.
HOLD N, RT, 175.50 INBOUND.
FAS OBST: 1850 AAO 352636N/0981953W.
CHART 2078 WINDMILL (40-079022) 352457N/0981949W.

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
LNAV/VNAV DA	2211	1 3/4	624	2211	1 3/4	624		NA			NA				
LNAV MDA	2220	1	633	2220	1	633		NA			NA				



CHANGES - REASONS

1. CHANGED ALL REFERENCES FROM RWYS 17/35 TO 18/36 - RENUMBERING OF RUNWAYS DUE TO MAGVAR CHANGE AND INCORPORATED NOTAM MLC 10/091 AND P-NOTAMS.
2. TAA LINE 1: FROM: CHANGED FROM 263/30 CW 082/30 TO 263/10 CW 082/10 TO: 266/30 CW 085/30 TO 266/10 CW 085/10 - MAGVAR CHANGED.
3. TAA LINE 2: FROM: CHANGED FROM 263/10 CW 082/10 TO: 266/10 CW 085/10 - MAGVAR CHANGED.
4. TAA LINE 3: FROM: CHANGED 082/30 CW 173/30 TO 082/6 CW 173/6 TO: 085/30 CW 176.30 TO 085/6 CW 176/6 - MAGVAR CHANGED.
5. TAA LINE 4: FROM: CHANGED FROM 082/6 CW 173/6 TO: 085/6 CW 176/6 - MAGVAR CHANGED.
6. TAA LINE 5: FROM: CHANGED FROM 173/30 CW 263/30 TO: 176/30 CW 266/30 - MAGVAR CHANGED.
7. TERMINAL ROUTES: UPDATED EKOKE TO HADMA FROM 82.44 TO 85.44 - MAGVAR UPDATED.
8. TERMINAL ROUTES: UPDATED OMASE TO HADMA FROM 262.56 TO 265.56 - MAGVAR UPDATED.
9. TERMINAL ROUTES: UPDATED HADMA TO COGNO FROM 352.50 TO 355.50 - MAGVAR UPDATED.
10. TERMINAL ROUTES: UPDATED COGNO TO RWY 36 FROM 352.50 TO 355.50 - MAGVAR UPDATED.
11. TERMINAL ROUTES: UPDATED COGNO TO DA FROM 352.50 TO 355.50 - MAGVAR UPDATED.
12. TERMINAL ROUTES: RWY18 TO ASIME FROM 352.50 TO 355.50 - MAGVAR UPDATED.
13. PROFILE LINE 3: UPDATED FAC FROM 352.50 TO 355.50 - MAGVAR UPDATE.
14. PBN REQUIREMENTS FROM: CHANGED FROM "RNP APCH" TO "RNP APCH-GPS" - IAW 8260.19I PARA 8-6-8.B (2).
15. NOTES: DELETED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT" AND REMOVED "VGSI DATA: 2.73/43.4" - UPDATED AIRNAV DATA AS REQUESTED BY FPT AND FLIGHT INSPECTION REPORT.
16. NOTES: ADDED "20:1: IS CLEAR" TO PROFILE LINE 7 - IAW 8260.19I PARA 8-6-7.G (3).
17. ADDITIONAL FLIGHT DATA: REPLACED CHARTED FAS OBSTS FROM 1870 TOWER 352623N/0982126W, 1859 AAO 352653N/0981937W TO 1850 AAO 352635.64N/0981952.84W - UPDATED OBSTACLE EVALUATION.
18. ADDITIONAL FLIGHT DATA: ADDED "CHART OBST 2078 (40-079022) WINDMILL 352457N/0981949W" - 7:1 EXCLUDED OBST PER 8260.3.
19. MINIMAS: AMENDED LNAV/VNAV VISIBILITY FROM "2" TO "1 3/4" - UPDATED VISCHECK RESULTS.
20. AIRPORT MAGVAR: UPDATED FROM 1995 E7 TO 2025 E4 - UPDATED AIRNAV DATA.
21. PROFILE LINE 5: UPDATED DISTANCE TO THLD FROM 624 HAT: 1.21 NM TO 624: 1.80 NM - NEW TARGETS BUILD.
22. PROFILE LINE 7: CHANGED GPA FROM 3.00 TO 3.04 - NEW TARGETS BUILD/UPDATED FAF CALCULATIONS.
23. PROFILE LINE 7: CHANGED "34:1: IS CLEAR" TO "34:1 IS NOT CLEAR" - NEW TARGETS BUILD.
24. ADDITIONAL FLIGHT DATA: ADDED "RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - NEW TARGETS BUILD; 34:1 PENETRATION EXISTS.

COORDINATED WITH:

AAA ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, ST. AV. DIR., AIRPORT MANAGER.

FLIGHT CHECKED BY

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

*Digitally signed by***JOHN BORDY**

Mar 11, 2021

OFFICE**DATE****DEVELOPED BY**

JOHN BORDY (MICHAEL C. OLVERA)

*Digitally signed by***JOHN BORDY**

Mar 11, 2021

OFFICE

AJV-A422

DATE

01/13/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JOHN BORDY**

Mar 11, 2021

OFFICE

AJV-A420

DATE**TITLE**

MANAGER

