

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> HOB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> HOBBS	<u>STATE</u> NM
<u>AIRPORT ELEVATION</u> 3661	<u>TDZE</u> 3649	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 12/29/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> 10/31/2024	<u>MAG VAR</u> 7E
				<u>EPOCH YEAR</u> 2015
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ANEEL		ZEGBO		TF	FB	1.00	346.51	23.13	6000
HOB VORTAC		DEKEC		TF	FO	1.00	039.53	18.00	6000
ZEGBO	IAF	DEKEC	NOPT	TF	FB	1.00	298.19	7.00	6000
DEKEC	IF/IAF	ROBRY		TF	FB	1.00	222.73	7.85	5500
ROBRY	FAF	KOYES/2.23 NM TO RW22		TF	FB	0.30	218.16	3.45	
KOYES/2.23 NM TO RW22		RW22	MAP	TF	FO	0.30	218.16	2.23	
RW22	MAP	3899 MSL		CA			218.16		
3899 MSL		FIBGA		DF	FO	1.00			5600

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5600 DIRECT FIBGA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD NE DEKEC, RT, 222.73 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 218.16

FAC: ROBRY

DIST FAF TO MAP: 5.68

DIST FAF TO THLD: 5.68
4. MIN ALT: DEKEC 6000, ROBRY 5500, KOYES/2.23 NM TO RW22 4400
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.65

GS ANT:
6. MIN GP INCPT: 5500

GP ALT AT PFAF: ROBRY 5500

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 44.0
8. MSA FROM: RW22 6000

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: CIRCLING RWY 17, 35 NA AT NIGHT.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

HOLD SW, RT, 038.02 INBOUND.

CHART FAS OBST: 3767 TOWER (35-001182) 324256N/1031028W.

CHART VDP AT 1.03 NM TO RW22.

WAAS CHANNEL # 82735

REFERENCE PATH ID: W22A

CHART CIRCLING ICON.

LTP HAE: 1089.8 M

**MINIMUMS:****TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b><u>CATEGORY:</u></b>	<b><u>A</u></b>			<b><u>B</u></b>			<b><u>C</u></b>			<b><u>D</u></b>			<b><u>E</u></b>		
<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>
LPV DA	3899	3/4	250	3899	3/4	250	3899	3/4	250	3899	3/4	250			
LNAV/VNAV DA	3899	3/4	250	3899	3/4	250	3899	3/4	250	3899	3/4	250			
LNAV MDA	4020	1	371	4020	1	371	4020	1	371	4020	1	371			
CIRCLING	4120	1	459	4160	1	499	4440	2 1/4	779	4440	2 1/2	779			

CHANGES - REASONS

1. PROCEDURE NAME CHANGED FROM "RNAV (GPS) RWY 21" TO "RNAV (GPS) RWY 22" - RWY NUMBERS UPDATED DUE TO BEING OUT OF TOLERANCE.
2. TERMINAL ROUTES: ANEEL TO ZEGBO COURSE/DISTANCE CHANGED FROM "346.04/23.24" TO "346.51/23.13" - ZEGBO COORDINATES CHANGED PER FPT REQUEST FOR ATC VECTORS.
3. TERMINAL ROUTES: ZEGBO TO DEKEC DISTANCE CHANGED FROM "6.84" TO "7.00" - COORDINATES CHANGED PER FPT REQUEST FOR ATC VECTORS.
4. TERMINAL ROUTES: CHANGED FROM "ROBRY TO KOYES/2.23NM TO RW21" TO "ROBRY TO KOYES/2.23 NM TO RW22" AND COURSE CHANGED FROM "218.15" TO "218.16" - RUNWAY NUMBERS UPDATED AND COURSE CHANGED WITH NEW PFAF LOCATION.
5. TERMINAL ROUTES" CHANGED FROM "KOYES/2.23 NM TO RW21 TO RW21" TO "KOYES/2.23 NM TO RW22 TO RW22" AND COURSE CHANGED FROM "218.15" TO "218.16" - RUNWAY NUMBERS UPDATED AND COURSE CHANGED WITH NEW PFAF LOCATION.
6. TERMINAL ROUTES: CHANGED FROM "RW21 TO 3899 MSL" TO "RW22 TO 3899 MSL" AND COURSE CHANGED FROM "218.15" TO "218.16" - RUNWAY NUMBERS UPDATED AND COURSE CHANGED WITH NEW PFAF LOCATION.
7. PROFILE LINE 3: FAC CHANGED FROM "218.15" TO "218.16" - COURSE CHANGED WITH NEW PFAF LOCATION.
8. PROFILE LINE 4: CHANGED FROM "KOYES/2.23 NM TO RW21 4400" TO "KOYES/2.23 NM TO RW22 4400"- RUNWAY NUMBER UPDATED DUE TO BEING OUT OF TOLERANCE.
9. PROFILE LINE 8: MSA FROM "RW21" CHANGED TO "RW22" - RUNWAY NUMBER UPDATED DUE TO BEING OUT OF TOLERANCE.
10. NOTES: ADDED RWY 35 TO "CHART NOTE: CIRCLING RWY 17, 35 NA AT NIGHT" - DUE TO NO RWY EDGE LIGHTS AND IAW 8260.19J 8-6-12.O(2)(G).
11. NOTES: CHANGED FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C" - UPDATED TEMP DATA IAW 8260.58C 3-3-4.A(1)(A)1.C.
12. ADDITIONAL FLIGHT DATA: DELETED "CHART 4095 TOWER 324425N/1030726W" - TOWER NO LONGER EXISTS.
13. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 1.02 NM TO RW21" TO "CHART VDP AT 1.03 NM TO RW22" - RUNWAY NUMBERS UPDATED DUE TO BEING OUT OF TOLERANCE AND IAW 8260.19J 8-6-11.M.
14. ADDITIONAL FLIGHT DATA: CHANGED FROM "REFERENCE PATH ID: W21A" TO "REFERENCE PATH ID: W22A" - RUNWAY NUMBER UPDATED DUE TO BEING OUT OF TOLERANCE.
15. FAS DATA: RUNWAY CHANGED FROM "RW21" TO "RW22" - RUNWAY NUMBERS UPDATED DUE TO BEING OUT OF TOLERANCE.
16. CRC REMAINDER CHANGED FROM "C864F524" TO "4F69A745 - LENGTH OFFSET CHANGED FROM "0496" TO "0312," LTP CHANGED FROM "324134.9305N/1031231.8280W" TO "324134.9305N/1031231.8295W" AND FPAP LAT/LONG CHANGED FROM "324031.9230N/1031346.6200W" TO "324031.9240N/1031346.6225W."

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER: ZFW, HOB ATCT, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

RAKE MCGRAW

Jul 31, 2024

OFFICE

DATE

DEVELOPED BY

BRITNEY ARMENTROUT

Digitally signed by

BRITNEY ARMENTROUT

Jul 15, 2024

OFFICE

AJV-A422

DATE

07/15/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jul 31, 2024

OFFICE

AJV-A422

DATE

TITLE

MANAGER

AIRPORT ID  
HOB

PROCEDURE NAME  
RNAV (GPS) RWY 22

ORIGINAL/AMENDMENT  
3

CITY  
HOBBS

STATE  
NM

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHOB
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	324134.9305N
LTP/FTP LONGITUDE	1031231.8295W
LTP/FTP ELLIPSOIDAL HEIGHT	+10898
FPAP LATITUDE	324031.9240N
FPAP LONGITUDE	1031346.6225W
THRESHOLD CROSSING HEIGHT (TCH)	00044.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	4F69A745
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+11114
FPAP ORTHOMETRIC HEIGHT	+11114

