

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 31	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> HOBBS	<u>STATE</u> NM
<u>AIRPORT ELEVATION</u> 3661	<u>TDZE</u> 3649	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 01/04/2018
<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
TASNE		CUKED		TF	FB	1.00	181.53	23.80	6000
INK VORTAC		IFNOF		TF	FB	1.00	009.97	34.57	6000
HOB VORTAC		LISNY		TF	FO	1.00	109.37	12.71	6000
WUDRU		LISNY		TF	FO	1.00	074.59	34.41	6000
CUKED	IAF	LISNY	NOPT	TF	FB	1.00	243.26	7.00	6000
IFNOF	IAF	LISNY	NOPT	TF	FB	1.00	353.19	7.00	6000
ANEEL	IAF	LISNY	NOPT	TF	FB	1.00	304.77	13.51	6000
LISNY	IF/IAF	OJIRO		TF	FB	1.00	308.18	5.99	5500
OJIRO	FAF	WAMGI/2.10 NM TO RW31		TF	FB	0.30	308.15	3.61	
WAMGI/2.10 NM TO RW31		RW31	MAP	TF	FO	0.30	308.15	2.10	
RW31	MAP	4700 MSL		CA			308.15		4700
4700 MSL		LISNY		DF	FO	1.00			6000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4700 THEN CLIMBING LEFT TURN TO 6000 DIRECT LISNY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE LISNY, RT, 308.18 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 14000.														
3.	FAC:	308.15	FAF:	OJIRO	DIST FAF TO MAP:	5.71	DIST FAF TO THLD:	5.71							
4.	MIN ALT:	LISNY 6000, OJIRO 5500, WAMGI/2.10 NM TO RW31 4340													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.68	GS ANT:				
6.	MIN GP INCPT:	5500	GP ALT AT PFAF:	OJIRO 5500			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	44.2							
8.	MSA FROM:	RW31 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.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON INK VORTAC AIRWAY RADIALS 055 CW 070.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 3707 TREE (35-038014) 324123N/1031211W.
CHART 4016 TOWER (35-000348) 323730N/1030637W.
CHART VDP AT 0.88 NM TO RW31.
WAAS CHANNEL # 69635
REFERENCE PATH ID: W31A
CHART CIRCLING ICON.
LTP HAE: 1087.1 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.

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	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	3960	1	311	3960	1	311	3960	1	311	3960	1	311			
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 30" TO "RNAV (GPS) RWY 31" - RWY NUMBERS UPDATED DUE TO BEING OUT OF TOLERANCE.
2. PROFILE LINE 2: ADDED "MAX 14000" - IAW 8260.19J 8-6-7.B(2).
3. PROFILE LINE 4: CHANGED "WAMGI/2.10 NM TO RW30 4340*" TO "WAMGI/2.10 NM TO RW31 4340" - RWY NUMBERS UPDATED DUE TO BEING OUT OF TOLERANCE AND ASTERISK REMOVED DUE TO IT NOT BEING REQUIRED.
4. PROFILE LINE 5: ADDED "250 HAT: 0.68" - IAW 8260.19J 8-6-7.E(3).
5. PROFILE LINE 7: ADDED "20:1: IS CLEAR" - IAW 8260.19J 8-6-7.G(3)(A).
6. PROFILE LINE 8: MSA CHANGED "RW30" TO "RW31" AND ALT CHANGED FROM "6200" TO "6000" - RWY NUMBERS UPDATED DUE TO BEING OUT OF TOLERANCE AND MSA LOWERED WITH FPT REQUEST.
7. PBN REQUIREMENTS NOTES: ADDED "RNP APCH-GPS" - IAW 8260.19J 8-6-8.
8. 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).
9. NOTES: DELETED "CHART NOTE: DME/DME RNP-0.3 NA" - IAW 8260.19J 8-6-8.
10. NOTES: CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 53C (128F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C" - F VALUE NO LONGER REQUIRED AND UPDATED TEMP DATA IAW 8260.58C 3-3-4.A(1)(A)1.C.
11. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19J 8-6-10.M.
12. NOTES: UPDATED AND MOVED ALL CONTINGENCY NOTES TO PART C - TO MAINTAIN CONSISTENCY ACROSS ALL PROCEDURES AT KHOB PER FPT REQUEST.
13. NOTES: DELETED "CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - NOT REQUIRED TO NOTE HELICOPTER VISIBILITY FOR ANOTHER RUNWAY.
14. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE FROM "3708 TREE 324125N/1031223W" TO "CHART FAS OBST: 3707 TREE (35-038014) 324123N/1031211W" - NEW EVALUATION PERFORMED.
15. ADDITIONAL FLIGHT DATA: UPDATED 7:1 OBSTACLE FROM "4015 TOWER 323730N/1030637W" TO "CHART 4016 TOWER (35-000348) 323730N/1030637W" - UPDATED OBSTACLE INFORMATION AND ID ADDED IAW 8260.19J 8-6-1.E(2).
16. ADDITIONAL FLIGHT DATA: MOVED AND UPDATED NOTE TO PROFILE LINE 5 "DISTANCE TO THLD FROM 250 HATH: 0.65 NM." - IAW 8260.19J 8-6-7.E(3).
17. ADDITIONAL FLIGHT DATA: CHANGED NOTE FROM "CHART VDP AT 0.87 MILES TO RW30*" TO "CHART VDP AT 0.88 NM TO RW31" - RWY NUMBER UPDATED AND REMOVED ASTERISK DUE TO NO LONGER REQUIRED.
18. ADDITIONAL FLIGHT DATA: DELETED "*LNAV ONLY" - NO LONGER REQUIRED.
19. ADDITIONAL FLIGHT DATA: REFERENCE PATH ID CHANGED FROM "W30A" TO "W31A" - IAW 8260.19J TABLE K-1.
20. FAS DATA: RUNWAY CHANGED FROM "RW30" TO "RW31" - RUNWAY NUMBERS UPDATED DUE TO BEING OUT OF TOLERANCE.
21. CRC REMAINDER CHANGED FROM "06DE4BSE" TO "4904BE5B"- LTP CHANGED FROM "324056.0270N/1031227.1395W" TO "324056.0270N/1031227.1395W" AND FPAP LAT/LONG CHANGED FROM "324159.2710N/1031341.6575W" TO "324159.2665N/1031341.6625W."

COORDINATED WITH:

A4A

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ALPA

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AOPA

☒

APA

☐

HAI

☐

NBAA

☒

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

DATE

AJV-A422

07/15/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jul 31, 2024

OFFICE

DATE

AJV-A422

TITLE

MANAGER



AIRPORT ID
HOB

PROCEDURE NAME
RNAV (GPS) RWY 31

ORIGINAL/AMENDMENT
2

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	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	324056.0270N
LTP/FTP LONGITUDE	1031227.1395W
LTP/FTP ELLIPSOIDAL HEIGHT	+10871
FPAP LATITUDE	324159.2665N
FPAP LONGITUDE	1031341.6625W
THRESHOLD CROSSING HEIGHT (TCH)	00044.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	4904BE5B
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+11087
FPAP ORTHOMETRIC HEIGHT	+11087

