

**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> ATS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> ARTESIA	<u>STATE</u> NM
<u>AIRPORT ELEVATION</u> 3545	<u>TDZE</u> 3520	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 10/12/2017
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 JUNE 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 9E
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-13.

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>
NELON		HOLAS		TF	FO	1.00	143.03	22.71	6000
ROHYO	IAF	HOLAS	NOPT	TF	FB	1.00	351.82	13.78	5900
HOLAS	IF/IAF	LEKKI		TF	FB	1.00	306.11	5.92	5200
LEKKI	FAF	RW31	MAP	TF	FO	0.30	306.07	5.16	
RW31	MAP	3720 MSL		CA			306.07		
3720 MSL		UNOPE		DF	FO	1.00			6500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6500 DIRECT UNOPE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE HOLAS, RT, 306.11 INBOUND, 5900 FT. IN LIEU OF PT (IAF), MAX 12000.
- FAC: 306.07 FAF: LEKKI DIST FAF TO MAP: 5.16 DIST FAF TO THLD: 5.16
- MIN ALT: HOLAS 5900, LEKKI 5200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.51 GS ANT: MM: IM:
- MIN GP INCPT: 5200 GP ALT AT PFAF: LEKKI 5200
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 50.0
- MSA FROM: RW31 6400

QUALITY
12
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 52°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 125.94 INBOUND.
FAS OBST: 3626 AAO 324803N/1042521W.
CHART TALON LOW A AND B MOA.
CHART VDP AT 1.05 NM TO RW31.
WAAS CHANNEL # 82535
REFERENCE PATH ID: W31A
CHART CIRCLING ICON.
LTP HAE: 1045.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	3720	3/4	200	3720	3/4	200	3720	3/4	200	3720	3/4	200			
LNAV/VNAV DA	3809	1	289	3809	1	289	3809	1	289	3809	1	289			
LNAV MDA	3880	1	360	3880	1	360	3880	1	360	3880	1	360			
CIRCLING	3980	1	435	4000	1	455	4040	1 1/2	495	4240	2 1/4	695			

CHANGES - REASONS

- ADDED SUA NOTE "CHART TALON LOW A AND B MOA" SUA – IAW 8260.19 8-6-10(I).
- CHANGED CAT C CMDA/HAT FROM 4080/535 TO 4040/495 – NEW CONTROLLING OBSTACLE.
- REMOVED NOTE: "DME/DME RNP-0.3 NA". – IAW 8260.19I 1-1-5(F)(18).
- PBN REQUIREMENT NOTE: ADDED "RNP APCH – GPS" – IAW 8260.19I 8-6-8(B)(2).
- CHART NOTE: CHANGED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C (-7°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C." – IAW 8260.19I 8-6-9(R).
- ADDED "20:1 IS CLEAR" NOTE. – IAW 8260.19I 8-6-7(G)(3)(A).
- CHANGED FAS OBSTACLE FROM 3629 AAO 324803N/1042520W TO 3626 AAO 324803N/1042521W. – NEW TARGETS OBSTACLE EVALUATION.
- REMOVE "LNAV ONLY" ASTERISK AND ASSOCIATED NOTE FROM STEPDOWN ALTITUDE. – IAW 8260.19I(F)(12).
- CHANGED TERMINAL ROUTE NELON TO HOLAS RNP VALUE FROM 2.00 TO 1.00. – IAW 8260.58C TABLE 1-2-1.
- ADDED CHART PROFILE NOTE: "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). – NEW AIRNAV DATA: VGSI TCH CHANGED FROM 50.0 TO 39.9.
- PROFILE LINE 2: ADDED MAX ALTITUDE OF 12000. – IAW 8260.19I 8-6-7(B)(2).
- VDP CHANGED FROM 1.01 TO 1.05 – VGSI TCH CHANGED.
- ADDED TO ALTERNATE MINIMUMS "NA WHEN LOCAL WEATHER NOT AVAILABLE" – IAW 8260.19I 8-6-11(B)(4).

05/6/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 4/15/2024.
1. TERMINAL ROUTES: ADDED FO TO MAP WAYPOINT TYPE FOR LEKKI TO RWY31 LEG.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZAB, ROW APP CON, AMGR, ST AV DIR

FLIGHT CHECKED BY
JEFFREY JAMES SCORSE

Digitally signed by

OFFICE

RAKE MCGRAW

FIOG

May 06, 2024

DATE

04/10/2024

DEVELOPED BY
NICHOLAS PRATER

Digitally signed by

OFFICE

NICHOLAS PRATER

AJV-A422

May 06, 2024

DATE

03/11/2024

APPROVED BY
RAKE MCGRAW

Digitally signed by

OFFICE

RAKE MCGRAW

AJV-A422

May 06, 2024

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KATS
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	325046.6080N
LTP/FTP LONGITUDE	1042734.5470W
LTP/FTP ELLIPSOIDAL HEIGHT	+10456
FPAP LATITUDE	325149.7615N
FPAP LONGITUDE	1042849.3065W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0880
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	9B386CA5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+10687
FPAP ORTHOMETRIC HEIGHT	+10687

