

**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> KASN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> TALLADEGA	<u>STATE</u> AL		
<u>AIRPORT ELEVATION</u> 529	<u>TDZE</u> 511	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 308/30 CW 128/30	NOPT	308/8 CW 128/8		3400
2. 308/8 CW 128/8		LLYLE	IF/IAF	2800
3. 128/30 CW 308/30		128/20 CW 308/20		4000
4. 128/20 CW 308/20		LLYLE	IF/IAF	3500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LLYLE	IF/IAF	GACBU		TF	FB	1.00	038.26	11.50	2700
GACBU		OXSAP		TF	FB	1.00	038.33	2.89	2300
OXSAP	FAF	CIBOG/2.30 NM TO RW04		TF	FB	0.30	038.35	3.18	
CIBOG/2.30 NM TO RW04		RW04	MAP	TF	FO	0.30	038.35	2.30	
RW04	MAP	1300 MSL		CA			038.35		1300
1300 MSL		JOTAV		DF	FO	1.00			3700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3700 DIRECT JOTAV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW LLYLE, LT, 038.38 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC:

038.35

FAF: OXSAP

DIST FAF TO MAP: 5.48

DIST FAF TO THLD: 5.48

4. MIN ALT: LLYLE 2800, GACBU 2700, OXSAP 2300, CIBOG/2.30 NM TO RW04 1280

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.49

GS ANT:

6. MIN GP INCPT:

2300

GP ALT AT FAF :

OXSAP 2300

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1:

IS CLEAR

20:1:

IS CLEAR

TCH:

44.7

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD W, RT, 111.00 INBOUND.
CHART FAS OBST: 799 TREE 333129N/0860453W.
CHART 1393 TOWER 332841N/0860542W.
CHART R-2101, R-2102 A, B, C.
CHART VDP AT 1.52 NM TO RW04.
WAAS CHANNEL # 61008
REFERENCE PATH ID: W04A
LTP HAE: 126.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 1000-3, 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	711	3/4	200	711	3/4	200	711	3/4	200	711	3/4	200			
LNAV/VNAV DA	884	1	373	884	1	373	884	1	373	884	1	373			
LNAV MDA	1060	1	549	1060	1	549	1060	1 5/8	549	1060	1 5/8	549			
CIRCLING	1140	1	611	1180	1	651	1380	2 1/2	851	1500	3	971			



CHANGES - REASONS

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3700 DIRECT JOTAV AND HOLD" TO "CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3700 DIRECT JOTAV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700" - CIH REQUIRED PER TARGETS BUILD, IAW 8260.19I 8-6-6.D.(11).
2. ADDED "MAX 6000" TO HOLD-IN-LIEU ON PROFILE LINE 2 - IAW 8260.19I PARA 8-6-7.B.(2).
3. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 - THERE ARE NO 20:1 PENETRATIONS TO RWY 4.
4. ADDED PBN REQUIREMENTS NOTE: "RNP APCH - GPS" - IAW 8260.19I 8-6-8.B.(2).
5. REMOVED DME/DME RNP -0.3 NA - NO LONGER REQUIRED.
6. MOVED "CHART NOTE: BARO-VNAV NA WHEN USING ANNISTON ALTIMETER SETTING" TO PART C GENERAL REMARKS - FOR CONTINGENCY PURPOSES.
7. MOVED "CHART NOTE: VDP NA WITH ANNISTON ALTIMETER SETTING." TO PART C GENERAL REMARKS - FOR CONTINGENCY PURPOSES.
8. MOVED "CHART NOTE: WHEN LOCAL ATIMETER SETTING NOT RECEIVED, USE ANNISTON ALTIMETER SETTING AND INCREASE LPV DA TO 744, LNAV/VNAV DA TO 830, AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY AND LNAV CATS C/D VISIBILITY 1/8 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE." TO PART C GENERAL REMARKS - FOR CONTINGENCY PURPOSES.
9. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C" - REMOVED FAHRENHEIT - IAW 8260.19I 8-6-9.R.
10. ADDED "CHART 1393 TOWER 332841N/0860542W" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10.E., NEW 7:1 EXCLUDABLE CONTROLLING OBSTACLE IN LNAV FINAL SEGMENT.
11. REMOVED "**LNAV ONLY", "***" ON CHART VDP AT 1.52 NM TO RW04 IN ADDITIONAL FLIGHT DATA AND "***" ON CIBOG/2.30 NM TO RWY 04 1280 ON PROFILE LINE 4 - NO LONGER REQUIRED.
12. UPDATED LNAV/VNAV DA/VIS/HAT FROM "797/ 7/8 /286" TO "884/ 1 /373" - NEW CONTROLLING OBSTACLE IN LNAV/VNAV FINAL SEGMENT.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** BHM APP CON, ZTL, APT MGR

FLIGHT CHECKED BY

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

DEVELOPED BY

JASON KRETSCHMER (COLIN CAMPBELL)

Digitally signed by

JASON KRETSCHMER

Jul 15, 2021

Digitally signed by

JASON KRETSCHMER

Jul 15, 2021

OFFICE

Digitally signed by

DATE

JASON KRETSCHMER

Jul 15, 2021

OFFICE

AJV-A421

DATE

03/31/2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KASN
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	333345.8925N
LTP/FTP LONGITUDE	0860324.9605W
LTP/FTP ELLIPSOIDAL HEIGHT	+01264
FPAP LATITUDE	333458.6700N
FPAP LONGITUDE	0860223.2100W
THRESHOLD CROSSING HEIGHT (TCH)	00044.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0912
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	C05B072B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01552
FPAP ORTHOMETRIC HEIGHT	+01552

