

**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> DHN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> DOTHAN	<u>STATE</u> AL
<u>AIRPORT ELEVATION</u> 401	<u>TDZE</u> 395	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 06/18/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 JANUARY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3W
				<u>EPOCH YEAR</u> 2010
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 092/30 CW 272/30	NOPT	UMELY	IF/IAF	2700
2. 272/30 CW 092/30		UMELY	IF/IAF	2700

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>
UMELY	IF/IAF	WAPCE		TF	FB	1.00	182.97	6.69	2000
WAPCE	FAF	ZUMIN/2.57 NM TO RW18		TF	FB	0.30	182.99	2.32	
ZUMIN/2.57 NM TO RW18		RW18	MAP	TF	FO	0.30	182.99	2.57	
RW18	MAP	900 MSL		CA			182.99		900
900 MSL		OALDY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 DIRECT OALDY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
39
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD N UMELY, RT, 182.99 INBOUND, 2700 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	182.99	FAF:	WAPCE	DIST FAF TO MAP:	4.89	DIST FAF TO THLD:	4.89							
4.	MIN ALT: UMELY 2700, WAPCE 2000, ZUMIN/2.57 NM TO RW18 1260														
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.64	GS ANT:				
6.	MIN GP INCPT:	2000	GP ALT AT PFAF:	WAPCE 2000			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	47.7							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 54°C.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 311.36 INBOUND.
CHART FAS OBST: 507 TREE 311948N/0852724W.
CHART VDP AT 1.00 NM TO RW18.
WAAS CHANNEL # 49118
REFERENCE PATH ID: W18A
LTP HAE: 93.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	645	3/4	250	645	3/4	250	645	3/4	250	645	3/4	250			
LNAV/VNAV DA	676	7/8	281	676	7/8	281	676	7/8	281	676	7/8	281			
LNAV MDA	760	1	365	760	1	365	760	1	365	760	1	365			
CIRCLING	860	1	459	860	1	459	920	1 1/2	519	1040	2	639			



CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED UMELY TO WAPCE IF/IAF SEGMENT COURSE/DISTANCE FROM "182.98/6.75" TO "182.97/6.69" – FAF MOVED TO ALIGN VDA WITH VGSI.
2. TERMINAL ROUTES: UPDATED STEPDOWN FIX SEGMENT FROM "WAPCE TO ZUMIN/2.60 NM TO RW18" TO "WAPCE TO ZUMIN/2.57 NM TO RW18" AND COURSE/DISTANCE FROM "182.98/2.30" TO "182.99/2.32" – SDF MOVED TO ALIGN VDA WITH VGSI.
3. TERMINAL ROUTES: UPDATED MAP SEGMENT FROM "ZUMIN/2.60 NM TO RW18 TO RW18" TO "ZUMIN/2.57 NM TO RW18 TO RW18" AND COURSE/DISTANCE FROM "182.98/2.60" TO "182.99/2.57" – SDF MOVED TO ALIGN VDA WITH VGSI.
4. TERMINAL ROUTES: UPDATED CA LEG COURSE FROM "182.98" TO "182.99" – UPDATED TO MATCH FINAL APPROACH COURSE.
5. PROFILE LINE 2: UPDATED FROM "HOLD N UMELY, RT, 182.98 INBOUND, 2700 FT. IN LIEU OF PT (IAF)" TO "HOLD N UMELY, RT, 182.99 INBOUND, 2700 IN LIEU OF PT (IAF), MAX 6000" – UPDATED COURSE TO MATCH FAC, DELETED "FT." FROM DOCUMENTATION AND ADDED "MAX 6000" IAW 8260.19K PARA 8-6-7.B.2.
6. PROFILE LINE 3: UPDATED FAC FROM "182.98" TO "182.99" AND DIST FAF TO MAP/THLD FROM "4.90/4.90" TO "4.89/4.89" – FAF MOVED TO ALIGN VDA WITH VGSI.
7. PROFILE LINE 4: UPDATED FROM "UMELY 2700, WAPCE 2000, ZUMIN/2.60 NM TO RW18 1260*" TO "UMELY 2700, WAPCE 2000, ZUMIN/2.57 NM TO RW18 1260" – SDF MOVED TO ALIGN VDA WITH VGSI.
8. PROFILE LINE 5: ADDED "250 HAT: 0.64" AND DELETED "DISTANCE TO THLD FROM 250 HATH: 0.64 NM" FROM ADDITIONAL FLIGHT DATA – IAW 8260.19K PARA 8-6-7.E.
9. DELETED ASTERISK NEXT TO STEPDOWN FIX ALTITUDE (ZUMIN) ON PROFILE LINE 4 AND "*LNAV ONLY" CHART NOTE – NO LONGER REQUIRED.
10. PROFILE LINE 7: UPDATED TCH FROM "45.0" TO "47.7" AND ADDED "20:1 IS CLEAR" – TCH UPDATED TO ALIGN WITH VGSI AND IAW 8260.19K PARA 8-6-7.G.3.A; NO 20:1 PENETRATIONS EXIST.
11. PBN REQUIREMENTS NOTE: UPDATED FROM "DME/DME RNP-0.3 NA" TO "RNP APCH – GPS" – IAW 8260.19K PARA 8-6-8.D.
12. UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 41°C (105°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 54°C" – NEW 5-YEAR WEATHER HISTORY AND DELETED FAHRENHEIT VALUES IAW 8260.19K PARA 8-6-10.R.
13. UPDATED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" – IAW 8260.19K PARA 8-6-12.K.2; 34:1 PENETRATIONS EXIST.
14. DELETED "VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" CHART PROFILE NOTE – NEW AIRNAV DATA; VGSI TCH UPDATED FROM "40.0" TO "47.7" AND PROCEDURE REDESIGNED TO ALIGN VDA WITH VGSI.
15. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST NOTE FROM "493 TREE 312014N/0852648W" TO "507 TREE 311948N/0852724W" – NEW FAS OBSTACLE.
16. ADDITIONAL FLIGHT DATA: UPDATED VDP NOTE FROM "CHART VDP AT 1.03 NM TO RW18" TO "CHART VDP AT 1.00 NM TO RW18" – NEW AIRNAV DATA AND VDP CALCULATION; VGSI TCH UPDATED FROM "40.0" TO "47.7".
17. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" – NO LONGER REQUIRED.
18. ADDITIONAL FLIGHT DATA: LTP HAE UPDATED FROM "93 M" TO "93.4 M" – LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+00930" TO "+00934".
19. MINIMUMS: INCREASED LPV DA ALL CATS FROM "643" TO "645" – NEW CONTROLLING OBSTACLE.
20. MINIMUMS: INCREASED LNAV/VNAV DA ALL CATS FROM "674" TO "676" – NEW CONTROLLING OBSTACLE.
21. MINIMUMS: LOWERED LNAV HAT ALL CATS FROM "367" TO "365" – NEW CONTROLLING OBSTACLE.
22. FAS DATA: CRC REMAINDER CHANGED FROM "F3C7779B" TO "CB0BCD93" – LTP/FTP LATITUDE/LONGITUDE UPDATED FROM "311930.6080N/0852644.0305W" TO "311934.5580N/0852644.0165W", LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+00930" TO "+00934", FPAP LATITUDE/LONGITUDE UPDATED FROM "311801.3100N/0852643.9900W" TO "311805.2615N/0852643.9995W", TCH UPDATED FROM "00045.0" TO "00047.7", LENGTH OFFSET UPDATED FROM "1224" TO "1104" AND LTP/FPAP ORTHOMETRIC HEIGHT UPDATED FROM "+01199" TO "+01202".

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZJX, CAIRNS APP CON, AMGR

FLIGHT CHECKED BY

Digitally signed by

ROBERT G HAMILTON

MICHAEL C MCCURDY

Nov 24, 2025

OFFICE

AJF

DATE

11/20/2025

DEVELOPED BY

Digitally signed by

ROBERT G HAMILTON

ROBERT G HAMILTON (JILL M. SUPPES)

Nov 24, 2025

OFFICE

AJV-A433

DATE

09/09/2025

APPROVED BY

Digitally signed by

ROBERT G HAMILTON

ROBERT G HAMILTON

Nov 24, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER



AIRPORT ID
DHN

PROCEDURE NAME
RNAV (GPS) RWY 18

ORIGINAL/AMENDMENT
3

CITY
DOTHAN

STATE
AL

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDHN
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	311934.5580N
LTP/FTP LONGITUDE	0852644.0165W
LTP/FTP ELLIPSOIDAL HEIGHT	+00934
FPAP LATITUDE	311805.2615N
FPAP LONGITUDE	0852643.9995W
THRESHOLD CROSSING HEIGHT (TCH)	00047.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	CB0BCD93
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01202
FPAP ORTHOMETRIC HEIGHT	+01202

QUALITY
39
CHECKED