

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</u> DRAUGHON-MILLER CENTRAL TEXAS RGNL	<u>AIRPORT ID</u> KTPL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> TEMPLE	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 682	<u>TDZE</u> 682	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 09/23/2010	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
BARBA		IHSAZ		TF	FO	1.00	310.84	20.54	3000
CONRA		IHSAZ		TF	FO	1.00	346.46	20.54	3000
ACT VORTAC	IAF	IHSAZ	NOPT	TF	FB	1.00	205.92	22.13	3000
IHSAZ	IF/IAF	IFDOH		TF	FB	1.00	159.58	6.02	2400
IFDOH	FAF	CUMIX/1.70 NM TO RW15		TF	FB	0.30	159.59	3.48	
CUMIX/1.70 NM TO RW15		RW15	MAP	TF	FO	0.30	159.59	1.70	
RW15	MAP	882 MSL		CA			159.59		
882 MSL		FADXY		DF	FB	1.00			
FADXY		BARBA		TF	FO	1.00	073.88	9.95	3600

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT FADXY AND ON TRACK 073.88 TO BARBA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD N ILSAZ, LT, 159.58 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 159.59FAF: IFDOHDIST FAF TO MAP: 5.18DIST FAF TO THLD: 5.18

4. MIN ALT: ILSAZ 3000, IFDOH 2400, CUMIX/1.70 NM TO RW15 1240*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.49GS ANT:

6. MIN GP INCPT: 2400GP ALT AT FAF : IFDOH 2400OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM: RW15 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART HOOD MOA
CHART R-6302A
CHART R-6302B
CHART VDP AT 0.98 NM TO RW15*
*LNAV ONLY
WAAS CHANNEL #78101
REFERENCE PATH ID: W15A
CHART FAS OBST: 769 TREE 311121N/0972556W.
HOLD W, RT, 073.88 INBOUND
LTP HAE: 180.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

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	882	1/2	200	882	1/2	200	882	1/2	200	882	1/2	200			
LNAV/VNAV DA	1025	3/4	343	1025	3/4	343	1025	3/4	343	1025	3/4	343			
LNAV MDA	1040	1/2	358	1040	1/2	358	1040	5/8	358	1040	1	358			
CIRCLING	1120	1	438	1180	1	498	1280	1 1/2	598	1420	2 1/4	738			

QUALITY
44
CHECKED

CHANGES - REASONS

1. MAG/VAR CHANGED FROM 7E TO 3E - FPT REQUEST TO BRING WITHIN STANDARDS AT THE SAME TIME FOR THE TPL VOR/MON PROJECT.
2. ALL COURSES/TRACKS/BEARINGS/HEADINGS INCREASED BY 4 DEGREES - MAG/VAR UPDATE.
3. RNP VALUES UPDATED: FEEDER CHANGED FROM 2.00 TO 1.00 AND INTERMEDIATE CHANGED FROM 0.50 TO 1.00 - UPDATE TO NEW STANDARDS.
4. BACKUP ALTIMETER SETTING NOTES MOVED FROM PROCEDURE TO GENERAL REMARKS ON 8260-9 - PRIMARY ALTIMETER SOURCE IS ON WMSCR.
5. ADDED 20:1 IS CLEAR ON LINE 7 - NEW STANDARD REQUIREMENT TO DOCUMENT.
6. DELETED DME/DME R-0.3 NA NOTE - REPLACED BY RNP APCH NOTE.
7. CHARTED RNP APCH NOTE - PBN REQUIRED NOTE.
8. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE - NO LONGER REQUIRED TO PUBLISH.
9. REMOVED WHEN LOCAL WEATHER NOT AVAILABLE RESTRICTION FROM ALTERNATE MINIMUMS AND AMENDED CAT D FROM STANDARD TO 800-2 1/4 - LOCAL AWOS ON WMSCR. CAT D MINIMUMS CALCULATED USING UPDATE CIRCLING VISIBILITY.
10. CRC REMAINDER CHANGED FROM 05633DFA TO 5BF1A79D - FPAP COORDINATES AND LENGTH OFFSET UPDATED.
11. ADDED LNAV/VNAV ADJUSTMENT TO INOPERATIVE ALS NOTE - NON-STANDARD ADJUSTMENT APPLIES.
12. LNAV CATS C VISIBILITY CHANGED FROM 1/2 AND 1 TO 5/8 SM - NEW VIS TABLE APPLIED PER AJV VIS TOOL.
13. UPDATED LNAV ALS INOP ADJUSTMENT FROM INCREASE 1/4 SM TO INCREASE TO 1 SM - PROVIDE ACTUAL VIS INSTEAD OF REQUIRING A CALCULATION BY PILOT.
14. UPDATED BACKUP ALTIMETER SETTING NOTE VISIBILITIES FOR LNAV/VNAV AND LNAV CATS C/D - CORRESPOND WITH CHANGING PRIMARY ALTIMETER SETTING VISIBILITIES.
15. UPDATED BACKUP ALTIMETER SETTING INOPERATIVE ALS ADJUSTMENT NOTE VISIBILITIES FOR LNAV/VNAV AND LNAV CATS C - CORRESPOND WITH CHANGING PRIMARY ALTIMETER SETTING INOPERATIVE NOTE ADJUSTMENTS.
16. CHARTED CIRCLING ICON - UPDATED CIRCLING RADII DUE TO FLT CK EVAL ON ILS OR LOC RWY 15 FULL AMDT PROCEDURE.
17. INCREASED CIRCLING CATS C/D MDA FROM 1180/1240 TO 1280/1420 - APPLIED NEW CIRCLING CRITERIA DUE TO FLT CK EVAL ON ILS OR LOC RWY 15 FULL AMDT PROCEDURE.
18. CIRCLING CAT D VISIBILITY INCREASED FROM 2 TO 2 1/4 - CORRESPOND WITH INCREASE IN MDA.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZHU, ZFW, GRK APP CON, ST. AV. DIR., AMGR

<u>FLIGHT CHECKED BY</u> ANTHONY D VALLERA	<i>Digitally signed by</i> DONALD H LANIER May 23, 2019	<u>OFFICE</u> FICO	<u>DATE</u> 5/21/19
<u>DEVELOPED BY</u> KELLY DEAN	<i>Digitally signed by</i> KELLY D DEAN Jan 22, 2019	<u>OFFICE</u> AJV-A431	<u>DATE</u> 12/18/2018
<u>APPROVED BY</u> PATRICK MULQUEEN	<i>Digitally signed by</i> DONALD H LANIER May 23, 2019	<u>OFFICE</u> AJV-A43	<u>DATE</u>

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTPL
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	310935.9700N
LTP/FTP LONGITUDE	0972443.7800W
LTP/FTP ELLIPSOIDAL HEIGHT	+01808
FPAP LATITUDE	310810.7515N
FPAP LONGITUDE	0972412.7525W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	111.00
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	5BF1A79D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02080
FPAP ORTHOMETRIC HEIGHT	+02080

