FEDERAL AVIATION ADMINISTRATION

FLIGHT STANDARDS SERVICE RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

5 DECEMBER 2019

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.

PROCEDURE NAME ORIGINAL/AMENDMENT STATE AIRPORT CITY AIRPORT ID **BRIDGEPORT MUNI** RNAV (GPS) RWY 18 ORIG-A **BRIDGEPORT** TX **KXBP AIRPORT ELEVATION TDZE SUPERSEDED ORIGINAL/AMENDMENT DATED MAG VAR EPOCH YEAR** 864 842 RNAV (GPS) RWY 18 ORIG 02/11/2010 5E 2010 REQUIRED EFFECTIVE DATE **FACILITY COORDINATES OF FACILITIES ACTUAL EFFECTIVE DATE** CANCEL/SUSPEND

ROUTINE

TERMINAL ROUTES

RNAV

FROM	FIX TYPE	<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	<u>COURSE</u>	DISTANCE	ALTITUDE
HIBIS	IAF	ZEDAX	NOPT	TF	FB	1.00	086.02	16.12	3000
ZEDAX	IF/IAF	CONVI	PFAF	TF	FB	1.00	176.20	6.02	2500
CONVI	FAF	WISLO/2.11 NM TO RW18		TF	FB	0.30	176.20	3.08	
WISLO/2.11 NM TO RW18		RW18	MAP	TF	FO	0.30	176.20	2.11	
RW18	MAP	1264 MSL		CA			176.20		
1264 MSL		FIPAL		DF	FB	1.00			
FIPAL		TIEON		TF	FO	1.00	241.40	4.99	3600

MISSED APPROACH

MAP: LPV: DA

LNAV/VNAV: DA LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT FIPAL AND ON TRACK 241.40 TO TIEON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

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1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD N ZEDAX, RT, 176.20 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 176.20 **PFAF:** CONVI **DIST PFAF TO MAP:** 5.18 **DIST PFAF TO THLD:** 5.18

4. MIN ALT: ZEDAX 3000, CONVI 2500, WISLO/2.11 NM TO RW18 1520*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 443 HAT: 1.36 GS ANT:

6. MIN GP INCPT: 2500 GP ALT AT PFAF: CONVI 2500 OM: MM: IM:

7. GP ANGLE: 3.00 **34:1**: IS NOT CLEAR **20:1**: IS CLEAR **TCH**: 40.0

8. MSA FROM: RW18 4000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DECATUR ALTIMETER SETTING.

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

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}).

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DECATUR ALTIMETER SETTING AND INCREASE LPV DA TO 1342 FEET AND LNAV/VNAV DA TO 1423 FEET; INCREASE ALL

MDAS 60 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HIBIS ON V16 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.38 NM TO RW18*
*LNAV ONLY
WAAS CHANNEL #49215
REFERENCE PATH ID: W18A

CHART FAS OBST: 1039 TREE 331133N/0974959W.

HOLD S, LT, 005.33 INBOUND

LTP HAE: 218.7 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A		В			С			D			E			
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	<u>DA/MDA</u>	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	<u>DA/MDA</u>	<u>VIS</u>	HAT/HAA
LPV DA	1285	1 1/2	443	1285	1 1/2	443		NA			NA				
LNAV/VNAV DA	1366	2	524	1366	2	524		NA			NA				
LNAV MDA	1300	1	458	1300	1	458		NA			NA			OUAL	172
CIRCLING	1480	1	616	1480	1	616		NA			NA			10 ⁰ / _{YEC}	(ED

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CHANGES - REASONS

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT FIPAL AND VIA TRACK 241.40 TO TIEON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" TO "CLIMB TO 3600 DIRECT FIPAL AND ON TRACK 241.40 TO TIEON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600" - UPDATED TO REFLECT CURRENT OBSTACLE EVALUATION.

2. ADDED "MAX 6000" TO HILPT INSTRUCTIONS - 8260.19H, CHAPTER 8-6-7B (2).

- 3. CHANGED PROFILE SECTION, LINE 5, DISTANCE FROM THLD TO HAT, FROM 394 HAT/1.21 NM TO 443 HAT/1.36 NM UPDATED TO MATCH NEW LPV MINIMUMS, BASED ON CURRENT OBSTACLE EVALUATION.
- 4. ADDED NOTE TO PROFILE SECTION, LINE 7, "20:1 IS CLEAR" 8260.19H, CHAPTER 8-6-7G (3).
- 5. REMOVED CHART NOTE: DME/DME RNP-0.3 NA 8260.19H CHAPTER 8-6-8B (1).
- 6. ADDED PBN REQUIREMENTS NOTE: RNP APCH PER 8260.19H CHAPTER 8-6-8B (1).
- 7. REMOVED CHART NOTE: "VISIBILITY REDUCTION BY HELICOPTERS NA" 8260.19H, CHAPTER 8-6-11K (3).
- 8. ADDED CHART NOTE: "RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" 8260.19H, CHAPTER 8-6-11K (3).
- 9. REMOVED FAHRENHEIT TEMPERATURE FROM CRITICAL TEMPERATURES 8260.19H CHAPTER 8-7-1C (10)
- 10. CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DECATUR ALTIMETER SETTING AND INCREASE ALL DA 58 FEET AND ALL MDA 60 FEET AND LPV AND LNAV/VNAV CATS A/B VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DECATUR ALTIMETER SETTING AND INCREASE LPV DA TO 1342 FEET AND LNAV/VNAV DA TO 1423 FEET; INCREASE ALL MDAS 60 FEET" UPDATED TO MATCH NEW VISIBILITY CHECK AND FORMATTED IAW 8260.19H, CHAPTER 8-6-11N (1A).
- 11. CRC REMAINDER CHANGED FROM B647A3CF, TO 7B82D38C, DUE TO LTP ELLIPSOIDAL HEIGHT CHANGE (FROM +02188 TO +02187) 8260.19H APPENDIX K, 4(L).
- 12. LPV DA/HAT CHANGED FROM 1235/394 TO 1285/443 CHANGE DUE TO NEWLY CONSTRUCTED CONTROLLING OBSTACLE.
- 13. PFAF TO MAP DISTANCE CHANGED FROM 5.11 TO 5.18 CHANGE DUE TO PFAF MOVE
- 14. PFAF TO THLD DISTANCE CHANGED FROM 5.11 TO 5.18 CHANGE DUE TO PFAF MOVE
- 15. INTERMEDIATE SEGMENT (ZDAX TO CONVI) LENGTH CHANGED FROM 6.09 NM TO 6.02 NM CHANGE DUE TO PFAF MOVE
- 16. DISTANCE FROM CONVI TO WISLO CHANGED FROM 3.01 NM TO 3.08 NM CHANGE DUE TO PFAF MOVE
- 17. DISTANCE FROM THLD TO 433 HAT CHANGED FROM 1.35 NM TO 1.36 NM CHANGE DUE TO PFAF MOVE
- 18. VDP DISTANCE CHANGED FROM 1.42 NM TO 1.38 NM CHANGE DUE TO PFAF MOVE

COORDINATED WITH:

COORDINATED WITH.					
A4A 🗌 ALPA 🗶	AOPA 💢 APA 🗌 HAI 🗌	NBAA X	OTHER: ZFW, APT MGR		
Dig	gitally signed by				
FLIGHT CHECKED BY DA	AVID DANNER		<u>OFFICE</u>	<u>DATE</u>	
MICHAEL S MILLER	Sep 16, 2019		FICO	9/10/19	
	Digitally signed by				
<u>DEVELOPED BY</u> DAVID DANNER (KARLIE B	BUNTIN) DAVID DANNER		OFFICE AJV-A421	DATE 06/18/2019	
`	Sep 16, 2019				
APPROVED BY	Digitally signed by		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
MARLON ROBINSON	DAVID DANNER		AJV-A420		MANAGER
	Sep 16, 2019				

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FAS DATA BLOCK INFORMATION

DATA FIELD
OPERATION TYPE
0
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
KXBP
RUNWAY
RW18
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
0

REFERENCE PATH IDENTIFIER (APPROACH ID) W18A

 LTP/FTP LATITUDE
 331051.0030N

 LTP/FTP LONGITUDE
 0974941.7335W

LTP/FTP ELLIPSOIDAL HEIGHT +02187

 FPAP LATITUDE
 330921.7500N

 FPAP LONGITUDE
 0974943.9500W

THRESHOLD CROSSING HEIGHT (TCH) 00040.0

TCH UNITS SELECTOR (METERS OR FEET USED) F

GLIDEPATH ANGLE (GPA) 03.00

COURSE WIDTH AT THRESHOLD 106.75

LENGTH OFFSET 1528

HORIZONTAL ALERT LIMIT (HAL) 40.0

VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER 7B82D38C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +02466
FPAP ORTHOMETRIC HEIGHT +02466