

**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> HEARNE MUNI	<u>AIRPORT ID</u> KLHB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> HEARNE	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 285	<u>TDZE</u> 285	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 12/11/2014	<u>MAG VAR</u> 4E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 JULY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
CORAB	IAF	JUPAX		TF	FB	1.00	087.53	10.00	2600
RUPOC	IAF	JUPAX		TF	FB	1.00	267.73	10.00	2600
JUPAX	IF	YORDU		TF	FB	1.00	177.63	7.10	1800
YORDU	FAF	WIGVU/2.00 NM TO RW18		TF	FB	0.30	177.63	2.63	
WIGVU/2.00 NM TO RW18		RW18	MAP	TF	FO	0.30	177.63	2.00	
RW18	MAP	485 MSL		CA			177.63		
485 MSL		HISEM		DF	FO	1.00			2100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 DIRECT HISEM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

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

2. PROFILE STARTS AT JUPAX

3. FAC: 177.63 FAF: YORDU DIST FAF TO MAP: 4.63 DIST FAF TO THLD: 4.63

4. MIN ALT: JUPAX 2600, YORDU 1800, WIGVU/2.00 NM TO RW18 960*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.50 GS ANT:

6. MIN GP INCPT: 1800 GP ALT AT FAF : YORDU 1800 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0

8. MSA FROM: RW18 2300

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COLLEGE STATION ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 357.63 INBOUND.
CHART FAS OBST: 463 T-L TWR 305437N/0963636W.
CHART 677 TOWER 305725N/0963656W.
DISTANCE TO THLD FROM 200 HAT: 0.50 NM.
CHART VDP AT 1.42 NM TO RW18*
*LNAV ONLY.
WAAS CHANNEL # 50522
REFERENCE PATH ID: W18A
LTP HAE: 60.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	485	3/4	200	485	3/4	200	485	3/4	200		NA				
LNAV/VNAV DA	583	1	298	583	1	298	583	1	298		NA				
LNAV MDA	780	1	495	780	1	495	780	1 3/8	495		NA				
CIRCLING	800	1	515	880	1	595	920	1 3/4	635		NA				



CHANGES - REASONS

PROCEDURE NAME AND/OR AMENDMENT NUMBER HAVE BEEN ELECTRONICALLY UPDATED DUE TO P-NOTAM PUBLICATION.

1. REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH" TO PBN REQUIREMENTS NOTES - IAW 8260.19H, PARA 8-6-8.B.(1).
2. LINE 7: ADDED 20:1 IS CLEAR IN PROFILE SECTION. - 8260.19H 8-6-7 G3.
3. INCREASED LNAV/VNAV ALL CATS DA/HAT FROM 569/284 TO 583/298 INCORPORATED T-NOTAM; - NEW CONTROLLING OBSTACLE.
4. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (-6°F) OR ABOVE 54°C (130°F)." TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C." - IAW 8260.19H PARA 8-6-9.S.
5. INCORPORATED P-NOTAM 4/5691, ORIG-A.
6. REMOVED NOTE: FOR CONTINGENCY PURPOSES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL DA 55 FEET AND ALL MDA 60 FEET; INCREASE LNAV CAT C VISIBITLTY 1/4 SM AND CIRCLING CAT C VISIBITLTY 1/4 SM. FROM 8260-3 - ADDED TO 8260-9 PART C GENERAL REMARKS - IAW 8260-19H.
7. CHANGED VDP DISTANCE FROM 1.43 NM TO 1.42 NM - NEW TARGETS EVALUATION.
8. REMOVED CHART NOTE: RADAR REQUIRED FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED FOR RNAV APPROACHES.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, AMGR, ST. AV. DIR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE**DATE**

Digitally signed by

ALLAN WILL

May 11, 2020
Digitally signed by

DEVELOPED BY

ALLAN WILL (KIMBERLY M JOHNSON)

OFFICE

AJV-A423

DATE

03/06/2020

ALLAN WILL

May 11, 2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

May 11, 2020

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLHB
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	305239.2500N
LTP/FTP LONGITUDE	0963719.2100W
LTP/FTP ELLIPSOIDAL HEIGHT	+00607
FPAP LATITUDE	305109.9800N
FPAP LONGITUDE	0963722.1500W
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)	35.0
CRC REMAINDER	CA5E7396

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00868
FPAP ORTHOMETRIC HEIGHT	+00868

