

**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.

AIRPORT BROWNSVILLE/SOUTH PADRE ISLAND INTL	AIRPORT ID KBRO	PROCEDURE NAME RNAV (GPS) RWY 18	ORIGINAL/AMENDMENT ORIG-A	CITY BROWNSVILLE	STATE TX
AIRPORT ELEVATION 22	TDZE 20	SUPERSEDED RNAV (GPS) RWY 18	ORIGINAL/AMENDMENT ORIG	DATED 09/15/2016	MAG VAR 3E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 20 JUNE 2019	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND	EPOCH YEAR 2020

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RELAX	IAF	HETUK		TF	FB	1.00	189.71	8.17	1900
HETUK	IF	JINAB		TF	FB	1.00	179.15	6.85	1900
JINAB	FAF	WUREP/1.60 NM TO RW18		TF	FB	0.30	179.15	4.15	
WUREP/1.60 NM TO RW18		RW18	MAP	TF	FO	0.30	179.15	1.60	
RW18	MAP	500 MSL		CA			179.15		500
500 MSL		RELAX		DF	FO	1.00			1900

MISSED APPROACH

MAP:

LP: RW18
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 1900 DIRECT RELAX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT HETUK
3. **FAC:** 179.15 **FAF:** JINAB **DIST FAF TO MAP:** 5.75 **DIST FAF TO THLD:** 5.75
4. **MIN ALT:** HETUK 1900, JINAB 1900, WUREP/1.60 NM TO RW18 560
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
6. **MIN GP INCPT:** **GP ALT AT FAF :**
7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:**
8. **MSA FROM:** RW18 2600

PBN REQUIREMENTS NOTE:

RNP APCH.

EQUIPMENT REQUIREMENTS NOTE:

RADAR REQUIRED

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RELAX ON V163 NORTHBOUND.
 CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE PORT ISABEL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET; INCREASE LNAV CATS C AND D VISIBILITY 1/8 MILE AND CIRCLING CAT D 1/4 MILE.

ADDITIONAL FLIGHT DATA:

JINAB TO RW18: 3.00/50.
 CHART CIRCLING ICON
 WAAS CHANNEL #93739
 REFERENCE PATH ID: W18A
 CHART FAS OBST: 102 TREE 255539N/0972550W, 127 ANTENNA 255620N/0972616W.
 HOLD N, LT, 175.21 INBOUND
 LTP HAE: -15.7 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		
	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
LP MDA	360	1	340	360	1	340	360	1	340	360	1	340			
LNAV MDA	380	1	360	380	1	360	380	1	360	380	1	360			
CIRCLING	440	1	418	540	1	518	540	1 1/2	518	680	2	658			



CHANGES - REASONS

1. DELETED CHART NOTE: NIGHT LANDING RWY 18 NA - 20:1 AREA IS CLEAR.
3. REMOVED CHART NOTE: "DME/DME RNP -0.3 NA" FROM NOTES AND ADDED "RNP APCH" TO PBN REQUIREMENTS NOTE - IAW 8260.19H 8-6-8.
4. UPDATED CHART NOTE FROM: "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NO AUTHORIZED" TO: "RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19H 8-6-11/K.(3) AND 20:1 IS CLEAR.
5. MOVED RADAR REQUIRED NOTE FROM CHART NOTES TO EQUIPMENT REQUIREMENTS NOTE - PER CURRENT CRITERIA.
6. UPDATED LP MDA/HAT FROM "340/321" TO "360/341" - INCORPORATION OF NOTAM 8/9697.
7. UPDATED LP AND LNAV FAS OBSTACLE - NEW CONTROLLERS
8. UPDATED CRC REMAINDER FROM "53415DC0" TO "DBA16918" - CHANGE IN AIRPORT LTP/FTP LAT/LONG AND FTP.
9. UPDATED FTP LAT/LONG FROM "255452.391N/0972543.9385W" TO "255452.3945N/0972543.9355W" - CHANGE IN AIRPORT INFORMATION

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZHU, VALLEY APP CON, BRO TOWER, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

DEVELOPED BY

ROBERT G HAMILTON (CASEY HILL)

Digitally signed by

CASIMIR L TABAKA

Mar 13, 2019

OFFICE

DATE

12/10/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

JACOB POWERS

Mar 14, 2019

OFFICE

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBRO
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	255452.3945N
LTP/FTP LONGITUDE	0972543.9355W
LTP/FTP ELLIPSOIDAL HEIGHT	-00157
FPAP LATITUDE	255323.0895N
FPAP LONGITUDE	0972547.6430W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0976
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER DBA16918

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00059
FPAP ORTHOMETRIC HEIGHT	+00059

