

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**ILS STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.29**

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>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
BROWNSVILLE/SOUTH PADRE ISLAND INTL	KBRO	ILS OR LOC RWY 13	ORIG-B	BROWNSVILLE	TX	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
22	19	ILS OR LOC RWY 13	ORIG-A	03/29/2018	3E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-BRO		20 JUNE 2019	ROUTINE			

**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>
HRL VOR/DME		DEPOO LOM/I-BRO 7.34 DME	FAF/IAF				147.21	16.60	2000
RELAX INT		DEPOO LOM/I-BRO 7.34 DME					198.91	17.71	1900
BRO VORTAC		DEPOO LOM/I-BRO 7.34 DME					287.23	8.06	1900

**MISSED APPROACH**

**MAP:**

ILS: DA

LOC: 5.97 NM AFTER DEPOO LOM/I-BRO 7.34 DME OR AT I-BRO 1.38 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 DIRECT HRL VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 1900 DIRECT DEPOO LOM/I-BRO 7.34 DME AND HOLD.

**PROFILE:**

- PT R SIDE OF COURSE 312.40 OUTBOUND 1900 FT WITHIN 10 MILES OF DEPOO LOM (IAF)
- 
- FAC: 132.40 FAF: DEPOO LOM/I-BRO 7.34 DME DIST FAF TO MAP: 5.97 DIST FAF TO THLD: 5.97
- MIN ALT: DEPOO LOM/I-BRO 7.34 DME 1900
- DIST TO THLD FROM OM: 5.97 MM: IM: 150 HAT: GS ANT: 1248
- MIN GS INCPT: 1900 GS ALT AT FAF : OM: 1848 MM: IM:
- GP ANGLE: 2.75 34:1: 20:1: TCH: 57.8
- MSA FROM: BR LOM 240-360 2600, 360-240 1600

**EQUIPMENT REQUIREMENTS NOTES:**

ADF OR RADAR REQUIRED FOR.



NOTES:

CHART NOTE: VDP NA WHEN USING PORT ISABEL ALTIMETER SETTING.  
CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 13 CATS C AND D VISIBILITY TO 1 3/8 MILES.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT ISABEL ALTIMETER SETTING AND INCREASE DA TO 307 FEET AND ALL MDA 40 FEET. S-LOC 13 CAT C AND D VISIBILITY TO RVR 5500, CIRCLING CAT D VISIBILITY TO 2 1/4 MILES.  
CHART NOTE: FOR INOPERATIVE ALS WHEN USING PORT ISABEL ALTIMETER SETTING INCREASE S-LOC 13 CATS C/D VISIBILITY TO 1 3/8 MILES.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 146.00 INBOUND.  
FAS OBST: 229 AAO 255700N/0972900W  
CHART 460 TOWER 255858N/0973039W  
CHART IN PLANVIEW: (CFBRN) 260318.77N/0973512.66W  
CHART CIRCLING ICON.  
CHART VDP AT 2.76 DME\*  
DISTANCE VDP TO THLD 1.38 NM  
\* LOC ONLY  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW DEPOO LOM/I-BRO 7.34 DME, LT, 132.40 INBOUND.  
LTP HAE: -16.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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
S-ILS 13	269	2400	250	269	2400	250	269	2400	250	269	2400	250			
S-LOC 13	480	2400	461	480	2400	461	480	5000	461	480	5000	461			
CIRCLING	480	1	458	540	1	518	540	1 1/2	518	680	2	658			

CHANGES - REASONS

1. UPDATED MINIMUMS DA/HAT FROM "219 FT/24 FT" TO "269 FT/250 FT" - INCORPORATION OF NOTAM 8/9874.
2. "CHART PLAN VIEW NOTE: ADF OR RADAR REQUIRED" CHANGED TO "ADF OR RADAR REQUIRED" AND MOVED TO EQUIPMENT REQUIREMENT NOTES -8260.19H, 8-6-8, A, (1)(A).
3. REMOVED "CHART NOTE: \*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA." - ILS HAT INCREASED TO 250.
4. UPDATED REMOTE ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT ISABEL ALTIMETER SETTING AND INCREASE DA TO 257 FEET AND ALL MDA 40 FEET. S-LOC 13 CAT C AND D VISIBILITY TO RVR 5500, CIRCLING CAT D VISIBILITY TO 2 1/4 MILES." TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT ISABEL ALTIMETER SETTING AND INCREASE DA TO 307 FEET AND ALL MDA 40 FEET. S-LOC 13 CAT C AND D VISIBILITY TO RVR 5500, CIRCLING CAT D VISIBILITY TO 2 1/4 MILES." - BASED OFF NEW PRIMARY ILS DA/ HAT.
5. UPDATED ALTERNATE MISSED APPROACH TO REMOVE "DO NOT CHART - TO INSURE CHARTING
6. UPDATED CHART NOTE "FOR INOPERATIVE MALSR INCREASE S-LOC 13 CATS C AND D VISIBILITY TO 1 3/8 MILES." FROM "MALSR" TO "ALS" - TO NOTE PROPER LIGHTING SYSTEM.
7. ADDED CHART NOTE "FOR INOPERATIVE ALS WHEN USING PORT ISABEL ALTIMETER SETTING INCREASE S-LOC 13 CATS C/D VISIBILITY TO 1 3/8 MILES. - FOR BACKUP OPERATIONS WITH ALS IS INOPERATIVE
8. REMOVED CHART NOTE "CIRCLING TO RWY 18 NA AT NIGHT" - NO 20:1 PENETRATIONS

03/21/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/13/19.

1. CHANGED ALL INSTANCES OF DEPOO OM TO DEPOO LOM.



AIRPORT

BROWNSVILLE/SOUTH PADRE ISLAND  
INTL

AIRPORT ID

KBRO

PROCEDURE NAME

ILS OR LOC RWY 13

ORIGINAL/AMENDMENT

ORIG-B

CITY

BROWNSVILLE

STATE

TX

**COORDINATED WITH:**

**A4A** ☒   **ALPA** ☒   **AOPA** ☒   **APA** ☒   **HAI** ☐   **NBAA** ☒   **OTHER:** ZHU, BRO ATCT, VALLEY APP CON, ST. AV. DIR, ARPT MGR

**FLIGHT CHECKED BY**

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

**OFFICE**

**DATE**

**DEVELOPED BY**

ROBERT G HAMILTON (CASEY HILL)

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 13, 2019

**CASIMIR L TABAKA**

Mar 13, 2019

**OFFICE**

AJV-A422

**DATE**

12/12/2018

**APPROVED BY**

JULIE MORGAN

*Digitally signed by*

**CASIMIR L TABAKA**

Mar 13, 2019

**OFFICE**

A42

**DATE**

**TITLE**

MANAGER

