

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**LOC STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25**

Bearings, headings, courses, 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 in feet RVR.

**TERMINAL ROUTES**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRO VORTAC	CALIA INT/I-BRO 4.91 DME	155.99 / 5.33	1900

**MAP: 4.41 MILES AFTER CALIA INT/I-BRO 4.91 DME OR AT WIGIP/I-BRO 0.51 DME FIX**

**CLIMB TO 1900 ON I-BRO LOCALIZER NW COURSE (312) TO DEPOO LOM/I-BRO 7.34 DME AND HOLD.**

**ADDITIONAL FLIGHT DATA:**  
**FAS OBST: 229 AAO 255117N/0972240W**  
**CALIA TO RW31: 3.40/52.**  
**CHART IN PLANVIEW: (CFBDC) 254559.15N/0971619.49W**  
**CHART CIRCLING ICON**  
**CHART VDP AT 1.07 DME; DISTANCE VDP TO THLD 1.23 MILES**  
**CHART BRO VORTAC 5.33 DME AT CALIA**  
**HOLD NW, LT, 132.40 INBOUND**

- PT L SIDE OF COURSE 132.41 OUTBOUND 1900 FT WITHIN 10 MILES OF CALIA (IAF)
- 
- FAC 312.41 FAF CALIA INT/I-BRO 4.91 DME DIST FAF TO MAP 4.41 THLD 5.07
- MIN. ALT CALIA 1900
- MSA FROM: BR LOM 360-240 1600, 240-360 2600

MAG VAR: 3E EPOCH YEAR: 2020

**MINIMUMS**

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-31	480	1	460	480	1	460	480	1 3/8	460	480	1 3/8	460			
CIRCLING	480	1	458	540	1	518	540	1 1/2	518	680	2	658			

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. @ NA WHEN CONTROL TOWER CLOSED.

CHART PROFILE NOTE: DISREGARD GS INDICATIONS. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT ISABEL ALTIMETER SETTING AND (CONTINUED ON PAGE 2)



CITY AND STATE <b>BROWNSVILLE, TX</b>	ELEVATION: 22 TDZE: 20 AIRPORT NAME: <b>BROWNSVILLE/SOUTH PADRE ISLAND INTL</b>	FACILITY IDENTIFIER: <b>I-BRO</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>LOC BC RWY 31, ORIG</b> <b>15 SEPTEMBER 2016</b>	SUP AMDT <b>NONE</b> DATE
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**NOTES, (CONT.):**

**INCREASE ALL MDA 40 FEET; INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.**

**CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT.**

**CHART NOTE: ADF OR DME REQUIRED.**

**CHART NOTE: VDP NA WHEN USING PORT ISABEL ALTIMETER SETTING.**



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				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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ARINC SUMMARY - KBRO

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BRO	010	BRO	IF	FB										V
BRO	020	CALIA	TF	FB								AA 01900		E
BRO	030	CALIA	PI	FB		087.4	IBRO		R			AA 01900		EE A
	010	CFBDC	IF	FB			IBRO					AA 01900		E I
	020	CALIA	CF	FB		312.0	IBRO			BR		AA 01900		E F
	030	WIGIP	CF	FO		312.0	IBRO	3.40				AT 00311		EY M
	040	BR	CF	FO		312.4	LFT					AA 01900		NYM
	050	BR	HM	FO		132.4			L			AA 01900		NE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BRO	N255526.67	W0972230.98
LFT	N301137.75	W0915933.30
IBRO (DME)	N255345.29	W0972450.59
CALIA	N255016.66	W0972059.12
CFBDC	N254559.15	W0971619.49
WIGIP	N255325.55	W0972424.83
IBRO (LOC)	N255346.71	W0972447.89
BR	N255901.18	W0973032.74

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW31	N255353.98	W0972455.81	00020	52



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	AIRPORT NAME: <b>BROWNSVILLE/SOUTH PADRE ISLAND INTL</b>	<b>I-BRO</b>	<b>LOC BC RWY 31, ORIG</b> 15 SEPTEMBER 2016	AMDT: <b>NONE</b>
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