

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29										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		ILS: DA LOC: 5.97 MILES AFTER DEPOO LOM/I-BRO 7.34 DME OR AT I-BRO 1.38 DME FIX CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 DIRECT HRL VOR/DME AND HOLD. ALTERNATE MA (DO NOT CHART): CLIMB TO 700 THEN CLIMBING LEFT TURN TO 1900 DIRECT DEPOO LOM/I-BRO 7.34 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 146.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW DEPOO LOM/I-BRO 7.34 DME, LT, 132.40 INBOUND. FAS OBST: 229 AAO 255700N/0972900W CHART 460 TOWER 255858N/0973039W CHART VDP AT 2.76 DME* DISTANCE VDP TO THLD 1.38 MILES. *LOC ONLY. CHART IN PLANVIEW: (CFBRN) 260318.77N/0973512.66W CHART CIRCLING ICON												
HRL VOR/DME				DEPOO LOM/I-BRO 7.34 DME				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														
1. PT <u>R</u> SIDE OF COURSE <u>312.40</u> OUTBOUND <u>1900</u> FT WITHIN <u>10</u> MILES OF <u>DEPOO LOM</u> (IAF)														MAG VAR: 3E EPOCH YEAR: 2020												
2.																										
3. FAC: <u>132.40</u> FAF: <u>DEPOO LOM/I-BRO 7.34 DME</u> DIST FAF TO MAP: <u>5.97</u> THLD: <u>5.97</u>																										
4. MIN. ALT: <u>DEPOO LOM/I-BRO 7.34 DME 1900</u>																										
5. DIST TO THLD FROM OM: <u>5.97</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1247</u>																										
6. MIN GS INCPT: <u>1900</u> GS ALT AT: <u>-</u> OM: <u>1848</u> MM: <u>-</u> IM: <u>-</u>																										
7. GS ANGLE: <u>2.75</u> TCH: <u>57.8</u>																										
8. MSA FROM: <u>BR LOM 360-240 1600, 240-360 2600</u>																										
MINIMUMS																										
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @													
CATEGORY =====>		A			B			C			D			E												
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA											
S-ILS 13**	219	2400	200	219	2400	200	219	2400	200	219	2400	200														
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														
NOTES: CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT ISABEL ALTIMETER SETTING AND INCREASE DA TO 257 FEET AND ALL MDA 40 FEET AND S-LOC 13 CAT C AND D VISIBILITY TO RVR 5500, (CONTINUED ON PAGE 2)																										
CITY AND STATE BROWNSVILLE, TX				ELEVATION: 22 TDZE: 19 AIRPORT NAME: BROWNSVILLE/SOUTH PADRE ISLAND INTL				FACILITY IDENTIFIER: I-BRO		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 13, ORIG					SUP: AMDT: NONE DATED											

ALL AFFECTED PROCEDURES REVIEWED? <div><input checked="" type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>ROUTINE</div>	
COORDINATED WITH: <div><div>ATA<div><input checked="" type="checkbox"/></div></div><div>AAT<div><input type="checkbox"/></div></div><div>ALPA<div><input checked="" type="checkbox"/></div></div><div>APA<div><input checked="" type="checkbox"/></div></div><div>AOPA<div><input checked="" type="checkbox"/></div></div><div>NBAA<div><input checked="" type="checkbox"/></div></div><div>OTHER (specify)<div><input checked="" type="checkbox"/> ZHU, BRO ATCT, VALLEY APP CON, ST. AV. DIR, ARPT MGR</div></div></div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY <i>Digitally signed by</i>					
NAME: <div>JOHN R. ROSARIO</div>				FIFO AJV-5421	DATE: 07/27/2015
APPROVED BY					
NAME: <div>GEORGE GONZALEZ</div> <div>MANAGER</div>				FIFO AJV-5420	DATE:
CHANGES:					
REASONS:					



THIS FORM HAS BEEN PDF EDITED
MISSED APPROACH: FORMATTED
ALTERNATE MA INSTRUCTIONS

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION			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.		
ILS - STANDARD					
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29					
<p>NOTES, (CONT.):</p> <p>CIRCLING CAT D VISIBILITY TO 2 1/4 MILES.</p> <p>CHART PLANVIEW NOTE: ADF OR RADAR REQUIRED.</p> <p>CHART NOTE: FOR INOPERATIVE MALSR INCREASE S-LOC 13 CATS C AND D VISIBILITY TO 1 3/8 MILES.</p> <p>CHART NOTE: VDP NA WHEN USING PORT ISABEL ALTIMETER ALTIMETER SETTING.</p>					
CITY AND STATE BROWNSVILLE, TX	ELEVATION: 22	TDZE: 19	FACILITY IDENTIFIER: I-BRO	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 13, ORIG	SUP:
	AIRPORT NAME: BROWNSVILLE/SOUTH PADRE ISLAND INTL				AMDT: NONE
					DATED:

QUALITY
22
CHECKED

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NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div> <div></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION ILS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29												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.																																																																																																																																																																																																																																																																																							
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	040		CA	FB		132.4						AA 00700		M
	050	HRL	DF	FO					L			AA 02000		VY
	060	HRL	HM	FO		146.0			R			AA 02000		VE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
BRO			N255526.67			W0972230.98								
HRL			N261345.21			W0973908.15								
IBRO (DME)			N255345.29			W0972450.59								
RELAX			N261529.69			W0972312.66								
CFBRN			N260318.77			W0973512.66								
DEPOO			N255901.81			W0973031.71								
IBRO (LOC)			N255346.71			W0972447.89								
BR			N255901.18			W0973032.74								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH						
RW13		N255446.16		W0972552.69		00017		57.8						

QUALITY
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CHECKED

CITY AND STATE BROWNSVILLE, TX	ELEVATION: 22 TDZE: 19 AIRPORT NAME: BROWNSVILLE/SOUTH PADRE ISLAND INTL	FACILITY IDENTIFIER: I-BRO	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 13, ORIG	SUP: <hr/> AMDT: NONE
	DATED:			

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div>ATA<input type="checkbox"/> AAT<input type="checkbox"/> ALPA<input type="checkbox"/> APA<input type="checkbox"/> AOPA<input type="checkbox"/> NBAA<input type="checkbox"/> OTHER (specify) <input type="checkbox"/> _____</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.			
FEEDER		HRL VOR/DME		DEPOO LOM/I-BRO		1. TOWER (48-007992)		260303.00N/0973111.00W		549 (5D)		1000		AT451		2000			
				7.34 DME		2. TERRAIN		255921.00N/0973206.00W		63 (100)				AS1500		1600			
FEEDER		RELAX INT		DEPOO LOM/I-BRO		1. TOWER (48-007992)		260303.00N/0973111.00W		549 (5D)		1000		AT351		1900			
				7.34 DME		3. TERRAIN		255936.00N/0973130.00W		56 (100)				AS1500		1600			
FEEDER		BRO VORTAC		DEPOO LOM/I-BRO		4. TOWER (48-009096)		255751.24N/0973110.20W		517 (2C)		1000		AT383		1900			
				7.34 DME		5. TERRAIN		255915.00N/0972912.00W		53 (100)				AS1500		1600			
INTERMEDIATE: PT		10 NM		DEPOO LOM/I-BRO		6. TOWER (48-004508)		260100.00N/0973544.00W		535 (5D)		500		AT865		1900			
				7.34 DME		7. TERRAIN		255921.00N/0973206.00W		63 (100)				AS1500		1600			
FINAL: ILS		GS INTCP		RW13								ASC				219/200			
FINAL: LOC		DEPOO LOM/I-BRO		5.97 MILES AFTER		8. AAO		255700.00N/0972900.00W		229 (2C)		250				480			
		7.34 DME		DEPOO LOM/I-BRO															
				7.34 DME OR AT															
				I-BRO 1.38 DME															
				FIX															
2. PROCEDURE TURN		DEPOO LOM		10 NM		1. TOWER (48-007992)		260303.00N/0973111.00W		549 (5D)		1000		AT351		1900			
						9. TERRAIN		260133.00N/0974130.00W		79 (100)				AS1500		1600			
3. MISSED APPROACH	MAP:		DA / 5.97 MILES		HRL VOR/DME						ASC				2000				
			AFTER DEPOO				1. TOWER (48-007992)		260303.00N/0973111.00W		549 (5D)		1000		1600				
	ELEV:		52/230				10. TERRAIN		255921.00N/0973206.00W		63 (100)				AS1500				
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	458	11. TOWER (48-014685)		255310.00N/0972524.40W		130 (2C)		300		SI			
CATEGORY B		1.5 NM			450		518	12. TANK (48-014770)		255329.00N/0972326.00W		180 (4D)		300		AC50			
CATEGORY C		1.7 NM			450		518	12. TANK (48-014770)		255329.00N/0972326.00W		180 (4D)		300		AC50			
CATEGORY D		2.3 NM			550		658	13. TOWER (48-008833)		255428.00N/0972953.00W		327 (5D)		300		AC50			
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)			
360-240		TWR (48-007992)		349/04.1		549 (5D)		1600											
240-360		TWR (48-004005)		288/19.2		1547 (1A)		2600											
CITY AND STATE				ELEVATION: 22				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
BROWNSVILLE, TX				AIRPORT NAME: BROWNSVILLE/SOUTH PADRE ISLAND INTL				I-BRO				ILS OR LOC RWY 13, ORIG				ASW			

QUALITY
22

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. TERPS 289 APPLIED TO 460 TOWER 255858N/0973039W. KBRO AND KPIL ASOS BOTH ON SERVICE-A APPROVAL LETTER ON FILE FOR GLIDESLOPE BELOW STANDARD 3 DEGREES ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.70NM SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KBRO 22.4, KPIL 18.6 RA = 37.59 (38FT). ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: RWY 18 20:1 57' TREE (KBRO0031) 255101.36N/0972542.03W (2.04') 71' TREE (KBRO0034) 255504.16N/0972539.64W (1.51') MISSED APPROACH OBSTACLES CONT. ALTERNATE: 14. TOWER (48-014825) 255436.92N/0973149.84W 539 (5D) 1000 1600 15. TERRAIN 255915.00N/0973149.84W 53 (100) AS1500 1600																		
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE															3. ALTIMETER SETTING								
ZHU ARTCC BRO TOWER VALLEY APP CON							N W S													OTHER: ASOS			SOURCE:KBRO / KPIL					
							F A A																DISTANCE: 0 / 16.16					
							A / C																HOURS REMOTE OPERATION: 0 / 24					
SATISFACTORY ON:					LOCATION: KBRO															ADJUSTMENT: 0/38								
4. MONITOR STATUS		X		V H F		X		U H F														H F						
		PRIMARY NAVAID: I-BRO																										
		MONITOR POINT: ATCT																										
		HRS OPTN:		CAT 1		OPEN																						
		CAT 3		CLOSED																								
5. APPROACH & RUNWAY LIGHTING				ALS																								
				(S) SALS																								
		X		MALSR 13 (PCL)																								
		X		HIRL 13, 31																								
		X		MIRL 18, 36																								
				REIL																								
				TDZ																								
				C/LINE																								
		X		OTHER (SPECIFY) PAPI-4L 18, 31																								
6. RUNWAY MARKINGS		BASIC																										
		ALL WEATHER PIR-G 13, 31																										
		INSTRUMENT NPI-G 18, 36																										
7. RUNWAY VISUAL RANGE		APPROACH 13																										
		MIDFIELD																										
		ROLL OUT																										
8. GLIDE PATH		GP ANGLE: 2.75					ELEV RWY THRESHOLD:17.1																					
		DISTANCE FROM RWY: 1247					ELEV GP ANTENNA: 15.0																					
							THRESHOLD CROSSING HEIGHT:57.8																					
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD					FT. FROM THRESHOLD																	
				X		ON CENTERLINE					FT. FROM CENTERLINE																	
10. WAIVERS: NONE																												
PART D - PREPARED BY: JOHN R. ROSARIO										DATE: 07/27/2015																		
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5421																		

