

**SANTA ROSA (SAZR)**  
SANTA ROSA

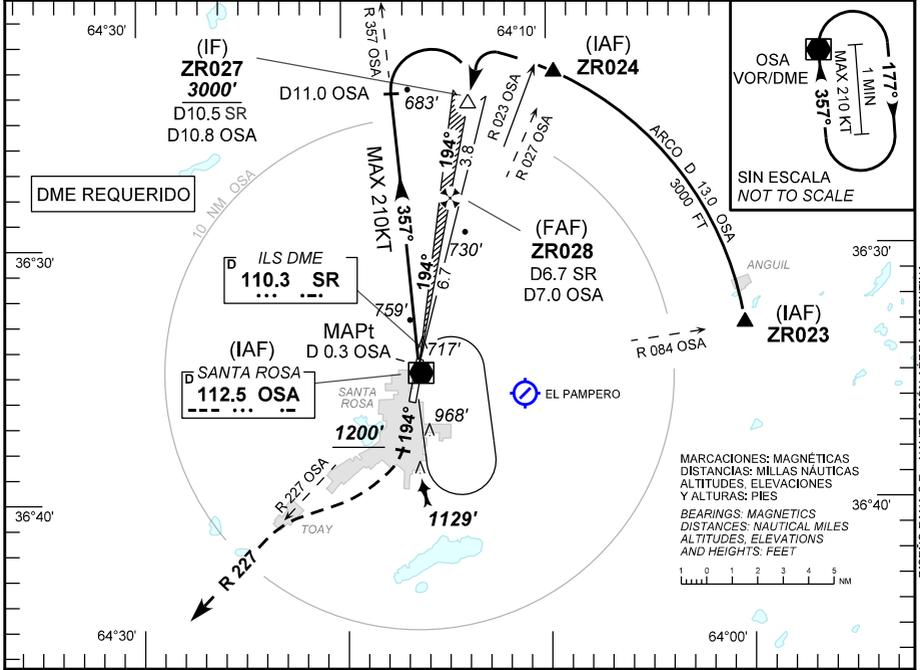
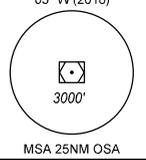
Carta de aproximación por instrumentos  
Instrument approach chart

**ILS RWY 19**

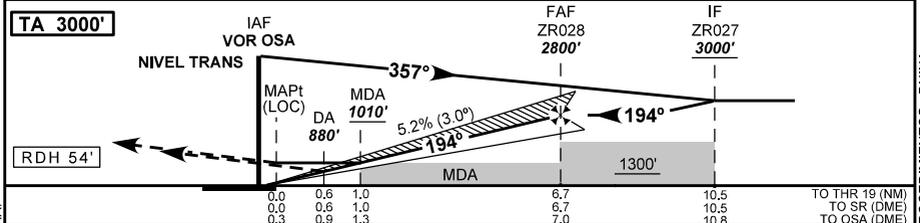
SANTA ROSA APP <b>118.30 119.70</b>			SANTA ROSA TWR <b>118.30 119.70</b>			EMERG <b>121.50</b>
LOC SR <b>110.3</b>	FINAL APCH CRS <b>194°</b>	ALTITUD MNM ZR028 <b>2800'</b> (2177')	ILS DA(H) <b>880'</b> (257')	AD Elev <b>623'</b>	THR Elev <b>623'</b>	03° W (2018)

Aproximación frustrada: ASC para 1200 ft HDG 194°, viraje por derecha para interceptar R 227 OSA hasta 3000 ft y seguir instrucciones ATC.  
Missed approach: Climb to 1200 ft HDG 194°, turn right to intercept R 227 OSA until 3000 ft or as directed by ATC.

NOTA: Nivel de transición asignado por ATC. **RMK: Transition level assigned by ATC.**



MARCACIONES: MAGNÉTICAS  
DISTANCIAS: MILLAS NAÚTICAS  
ALTITUDES: ELEVACIONES  
Y ALTURAS: PIES  
BEARINGS: MAGNETICS  
DISTANCES: NAUTICAL MILES  
ALTITUDES, ELEVATIONS  
AND HEIGHTS: FEET

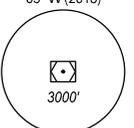


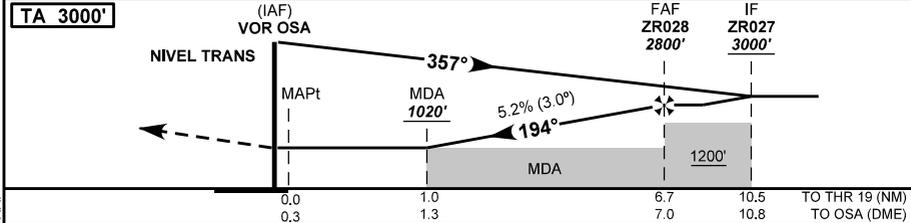
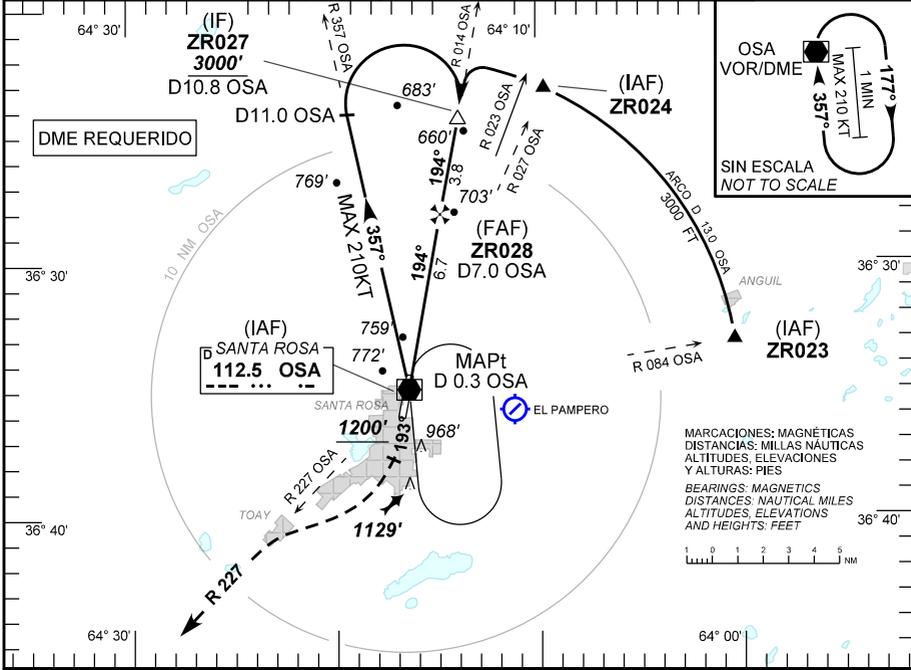
DIRECTA RWY 19 / Straight in RWY 19										Circulación Visual <i>Circle to land</i>						
CAT	ILS/DME				LOC/DME				CAT	MDA	MDH	VIS				
	DA 880'	DH 257'	MDA 1010'	MDH 387'	CAT	MDA	MDH	VIS								
A	VIS				VIS				A	Circulación Visual N.A. <i>Circle to land N.A.</i>						
B	1300 M				2000 M				B							
C									2200 M				C			
D													D			
GS KT	90	110	130	150	160	DIST to MAPt	6.7	4	3	2	1					
FAF - MAPt 6.7 NM	4:28	3:39	3:06	2:41	2:31	ALT	2800	1958	1639	1321	1010					
FPM	470	580	680	790	840	HGT	(2177)	(1335)	(1016)	(698)	(387)					

**SANTA ROSA (SAZR)**  
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Carta de aproximación por instrumentos  
Instrument approach chart

**VOR Z RWY 19**

SANTA ROSA APP <b>118.30 119.70</b>			SANTA ROSA TWR <b>118.30 119.70</b>			EMERG <b>121.50</b>
VOR OSA <b>112.5</b>	FINAL APCH CRS <b>194°</b>	ALTITUD MNM ZR028 <b>2800'</b> (2177')	MDA (H) <b>1020'</b> (397')	AD Elev <b>623'</b>	THR Elev <b>623'</b>	03° W (2018)
Aproximación frustrada: ASC para 1200 ft HDG 193°, viraje derecha para interceptar R 227 OSA hasta 3000 ft y seguir instrucciones ATC. Missed approach: Climb to 1200 ft HDG 193°, turn right to intercept R 227 OSA until 3000 ft or as directed by ATC.						 3000' MSA 25NM OSA
NOTA: Nivel de transición asignado por ATC.			RMK: Transition level assigned by ATC.			



DIRECTA RWY 19 / Straight in RWY 19											
CAT	VOR / DME				Circulación Visual						
	MDA 1020'				Circle to land						
	VIS				CAT	MDA	MDH	VIS			
A	2000 M				A	Circulación Visual N.A.					
B	2200 M				B	Circle to land N.A.					
C					C						
D					D						
GS KT	90	110	130	150	160	DIST to MAPt	6,7	4	3	2	1
FAF - MAPt 6,7 NM	4:28	3:39	3:06	2:41	2:31	ALT	2800	1958	1639	1321	1020
FPM	470	580	680	790	840	HGT	(2177)	(1335)	(1016)	(688)	(397)

PANS OPS Cambios: VAR. - Changes: VAR.

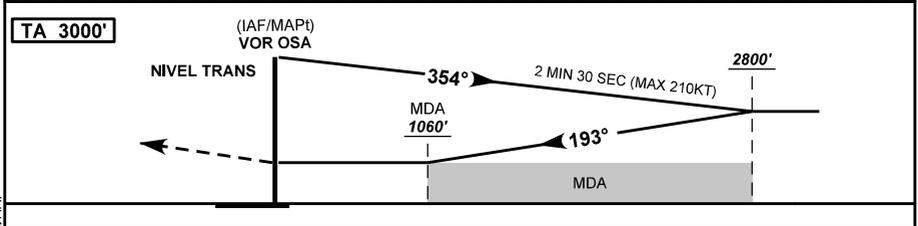
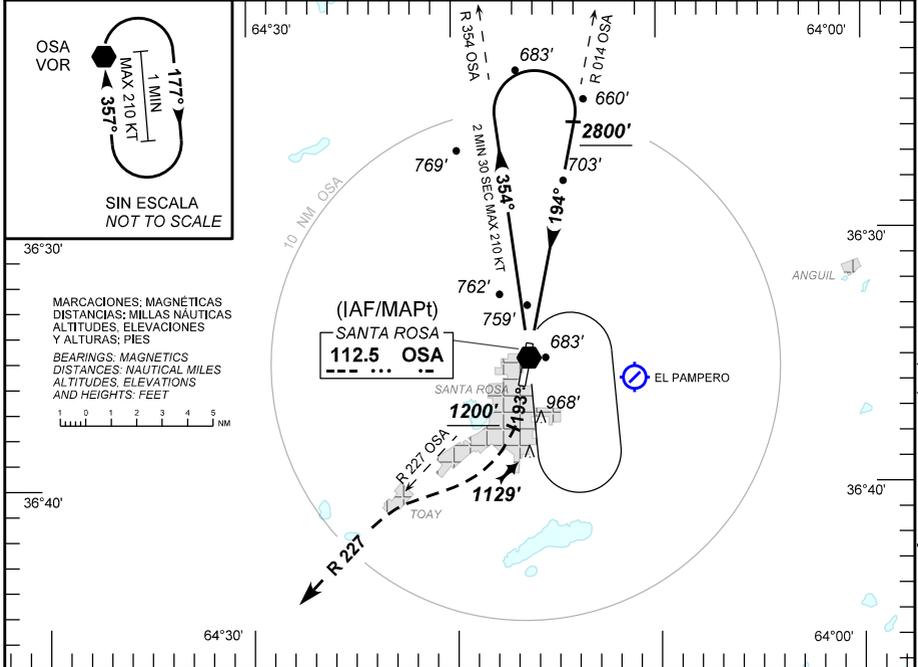
DISEÑO EANA S.E. - NAVEGACION AEREA ARGENTINA

**SANTA ROSA (SAZR)**  
SANTA ROSA

Carta de aproximación por instrumentos  
Instrument approach chart

**VOR Y RWY 19**

SANTA ROSA APP <b>118.30 119.70</b>		SANTA ROSA TWR <b>118.30 119.70</b>		EMERG <b>121.50</b>
VOR OSA <b>112.5</b>	FINAL APCH CRS <b>193°</b>	<b>SIN FAF</b> NO FAF	MDA (H) <b>1060'</b> (437')	AD Elev <b>623'</b> THR Elev <b>623'</b>
Aproximación frustrada: ASC para 1200 ft HDG 193°, viraje derecha para interceptar R 227 OSA hasta 3000 ft y seguir instrucciones ATC. <i>Missed approach: Climb to 1200 ft HDG 193°, turn right to intercept R 227 OSA until 3000 ft or as directed by ATC.</i>				03° W (2018)  3000'
NOTA: Nivel de transición asignado por ATC.		RMK: Transition level assigned by ATC.		



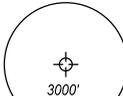
DIRECTA RWY 19 / Straight in RWY 19		<b>Circulación Visual</b>			
		<b>Circle to land</b>			
CAT	VOR	MDA 1060'		MDH 437'	
	VIS				
A	2200 M	CAT	MDA	MDH	VIS
B		A	Circulación Visual N.A.	Circle to land N.A.	
C		B			
D		C			

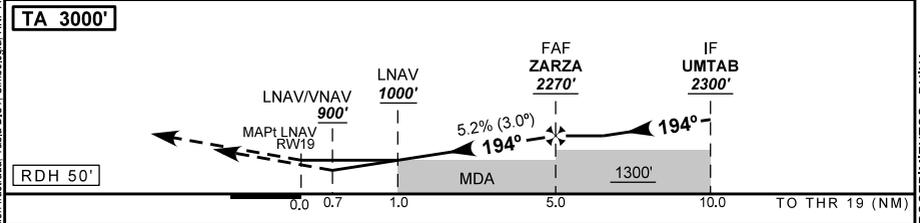
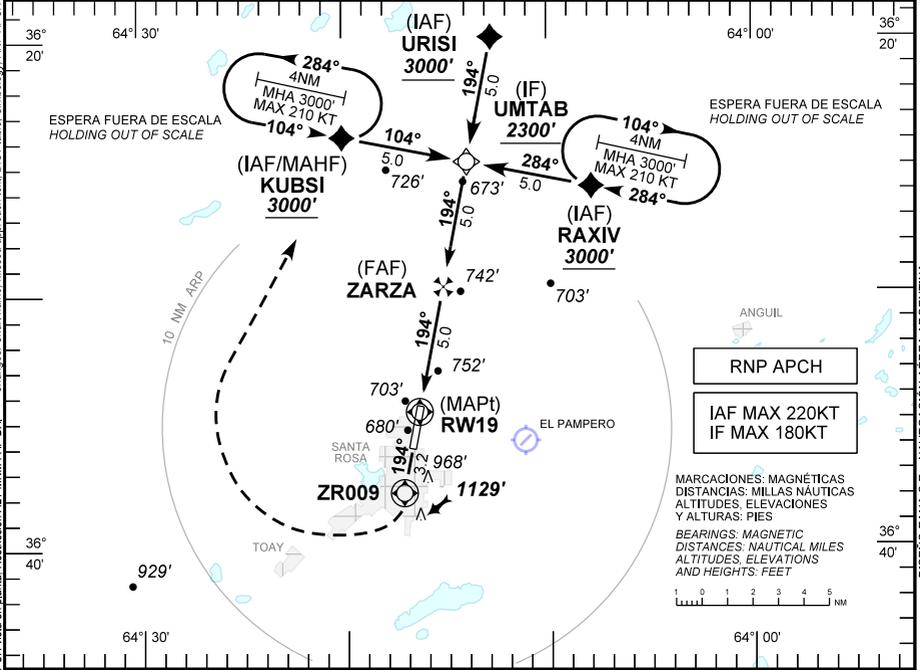
31 ENERO 2019

**SANTA ROSA (SAZR)**  
SANTA ROSA

Carta de aproximación por instrumentos  
Instrument approach chart

**RNP RWY 19**

SANTA ROSA APP <b>118.30 119.70</b>			SANTA ROSA TWR <b>118.30 119.70</b>			EMERG <b>121.50</b>		
<b>RNP</b>	FINAL APCH CRS <b>194°</b>	ALTITUD MNM ZARZA <b>2270'</b> (1647')	LNAV / VNAV DA(H) <b>900'</b> (277')	AD Elev <b>623'</b>	THR Elev <b>623'</b>	03° W (2018)		
Aproximación frustrada: ASC sobre curso 194° hasta ZR009, virar a la derecha DCT a KUBSI alcanzando 3000 ft, HLDG y seguir instrucciones del ATC. Missed approach: Climb on course 194° to ZR009, turn right DCT to KUBSI reaching 3000 ft, HLDG and proceed as directed by ATC.						 3000' MSA 25NM ARP		
NOTA: Para sistemas Baro VNAV no compensado, debajo de -15°C o superior a 48°C N.A.			NOTE: For uncompensated Baro VNAV systems N.A. below -15°C or above 48°C.					



DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS - DNINA																																																																																																															
DISEÑO EANA S.E. - NAVEGACIÓN AEREA ARGENTINA																																																																																																															
<table border="1"> <tr> <td colspan="5">DIRECTA RWY 19 / Straight in RWY 19</td> <td colspan="5">Circulación Visual</td> </tr> <tr> <td rowspan="2">CAT</td> <td colspan="3">LNAV / VNAV</td> <td colspan="2">LNAV</td> <td colspan="5">Circle to land</td> </tr> <tr> <td>DA 900'</td> <td>DH 277'</td> <td>MDA 1000'</td> <td>MDH 377'</td> <td>CAT</td> <td>MDA</td> <td>MDH</td> <td colspan="3">VIS</td> </tr> <tr> <td>A</td> <td colspan="4" rowspan="3">1300 M</td> <td colspan="5">1900 M</td> <td>A</td> <td colspan="3" rowspan="4">Circulación Visual N.A. Circle to land N.A.</td> </tr> <tr> <td>B</td> <td colspan="5" rowspan="2">2100 M</td> <td>B</td> </tr> <tr> <td>C</td> <td>C</td> </tr> <tr> <td>D</td> <td>D</td> </tr> <tr> <td colspan="10"> <table border="1"> <tr> <td>GS KT</td> <td>90</td> <td>110</td> <td>130</td> <td>150</td> <td>160</td> <td>DIST to MAPt</td> <td>5.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>FAF - MAPt 5.0 NM</td> <td>3:20</td> <td>2:43</td> <td>2:18</td> <td>2:00</td> <td>1:53</td> <td>ALT</td> <td>2270</td> <td>1950</td> <td>1630</td> <td>1310</td> <td>1000</td> </tr> <tr> <td>FPM</td> <td>480</td> <td>580</td> <td>690</td> <td>800</td> <td>850</td> <td>HGT</td> <td>(1647)</td> <td>(1327)</td> <td>(1007)</td> <td>(687)</td> <td>(377)</td> </tr> </table> </td> </tr> </table>										DIRECTA RWY 19 / Straight in RWY 19					Circulación Visual					CAT	LNAV / VNAV			LNAV		Circle to land					DA 900'	DH 277'	MDA 1000'	MDH 377'	CAT	MDA	MDH	VIS			A	1300 M				1900 M					A	Circulación Visual N.A. Circle to land N.A.			B	2100 M					B	C	C	D	D	<table border="1"> <tr> <td>GS KT</td> <td>90</td> <td>110</td> <td>130</td> <td>150</td> <td>160</td> <td>DIST to MAPt</td> <td>5.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>FAF - MAPt 5.0 NM</td> <td>3:20</td> <td>2:43</td> <td>2:18</td> <td>2:00</td> <td>1:53</td> <td>ALT</td> <td>2270</td> <td>1950</td> <td>1630</td> <td>1310</td> <td>1000</td> </tr> <tr> <td>FPM</td> <td>480</td> <td>580</td> <td>690</td> <td>800</td> <td>850</td> <td>HGT</td> <td>(1647)</td> <td>(1327)</td> <td>(1007)</td> <td>(687)</td> <td>(377)</td> </tr> </table>										GS KT	90	110	130	150	160	DIST to MAPt	5.0	4.0	3.0	2.0	1.0	FAF - MAPt 5.0 NM	3:20	2:43	2:18	2:00	1:53	ALT	2270	1950	1630	1310	1000	FPM	480	580	690	800	850	HGT	(1647)	(1327)	(1007)	(687)	(377)
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FPM	480	580	690	800	850	HGT	(1647)	(1327)	(1007)	(687)	(377)																																																																																																				

**SANTA ROSA (SAZR) RNP RWY 19**

<b>FIX IDENT</b>	<b>COORDINATES</b>
URISI	36°19'56.90" S 064°12'45.36" W
UMTAB	36°24'51.54" S 064°13'57.86" W
KUBSI	36°23'52.71" S 064°20'02.31" W
RAXIV	36°25'50.04" S 064°07'53.25" W
ZARZA	36°29'46.17" S 064°15'10.43" W
RW19	36°34'40.81" S 064°16'23.08" W
ZR009	36°37'51.82" S 064°17'10.26" W

21 ABRIL 2022

<b>1/2 SANTA ROSA (SAZR) RNP RWY 19</b>											
<b>Seq Num</b>	<b>Fix Ident</b>	<b>Path Terminator</b>	<b>Fly Over</b>	<b>Distance (NM)</b>	<b>Course M°(T°)</b>	<b>Turn</b>	<b>Altitude (ft/FL)</b>	<b>Speed Limit (Kt)</b>	<b>Navigation Specification</b>	<b>RNP</b>	<b>Dec (ARP 2018)</b>
010	URISI	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0	3 W
020	UMTAB	TF	N	5.0	194 (191.3)	N/A	+2300	-180	RNP APCH	1.0	3 W
010	KUBSI	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0	3 W
020	UMTAB	TF	N	5.0	104 (101.3)	N/A	+2300	-180	RNP APCH	1.0	3 W
010	RAXIV	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0	3 W
020	UMTAB	TF	N	5.0	284 (281.3)	N/A	+2300	-180	RNP APCH	1.0	3 W
010	UMTAB	IF	N	N/A	N/A	N/A	+2300	-180	RNP APCH	1.0	3 W
020	ZARZA	TF	N	5.0	194 (191.3)	N/A	+2270	N/A	RNP APCH	1.0	3 W

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### 2/2 SANTA ROSA (SAZR) RNP RWY 19

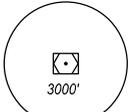
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2018)
030	RW19	TF	Y	5.0	194 (191.3)	N/A	@673	N/A	RNP APCH	0.3	3 W
040	ZR009	CF	Y	3.2	194 (191.3)	N/A	N/A	N/A	RNP APCH	1.0	3 W
050	KUBSI	DF	N	N/A	N/A	R	+3000	N/A	RNP APCH	1.0	3 W
060	KUBSI	HM	Y	4.0	104 (101.3)	L	+3000	-210	RNP APCH	1.0	3 W

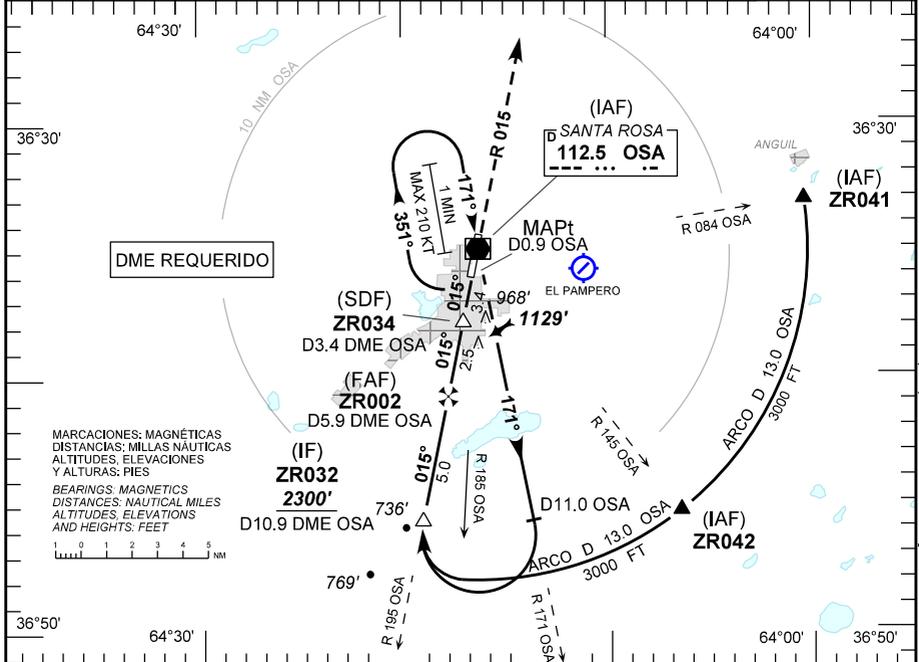
21 ABRIL 2022

**SANTA ROSA (SAZR)**  
SANTA ROSA

Carta de aproximación por instrumentos  
Instrument approach chart

**VOR RWY 01**

SANTA ROSA APP <b>118.30 119.70</b>			SANTA ROSA TWR <b>118.30 119.70</b>			EMERG <b>121.50</b>
VOR OSA <b>112.5</b>	FINAL APCH CRS <b>015°</b>	ALTITUD MNM ZR002 <b>2260'</b> (1645')	MDA (H) <b>1210'</b> (595')	AD Elev THR Elev <b>623'</b> <b>615'</b>	03° W (2018)	
Aproximación frustrada: ASC para 3000 ft por R 015 OSA y seguir instrucciones del ATC. Missed approach: Climb to 3000 ft on R 015 OSA or as directed by ATC.						 3000' MSA 25NM OSA
NOTA: Nivel de transición asignado por ATC.			RMK: Transition level assigned by ATC.			



<b>TA 3000'</b>	IF ZR032 2300'	FAF ZR002 2260'	SDF ZR034 1470'	(IAF) VOR OSA	
NIVEL TRANS					
TO THR 01 (NM)	10.0	5.0	2.5	1.7	0.0
TO OSA (DME)	10.9	5.9	3.4	2.6	0.9

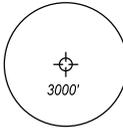
DIRECTA RWY 01 / Straight in RWY 01							Circulación Visual				
CAT	VOR / DME					Circle to land					
	MDA 1210'		VIS			MDH 595'		CAT	MDA	MDH	VIS
A	2900 M					A	Circulación Visual N.A.				
B	3100 M					B	Circle to land N.A.				
C						C					
D						D					
GS KT	90	110	130	150	160	DIST to MAPt	5	4	3	2	1.7
FAF - MAPt 5.0 NM	3:20	2:43	2:18	2:00	1:52	ALT	2260	1939	1620	1302	1210
FPM	480	580	690	800	850	HGT	(1645)	(1324)	(1005)	(687)	(595)

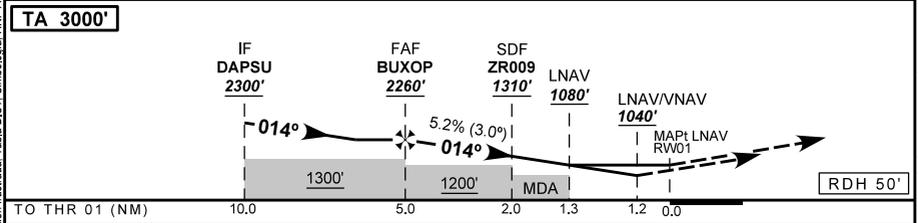
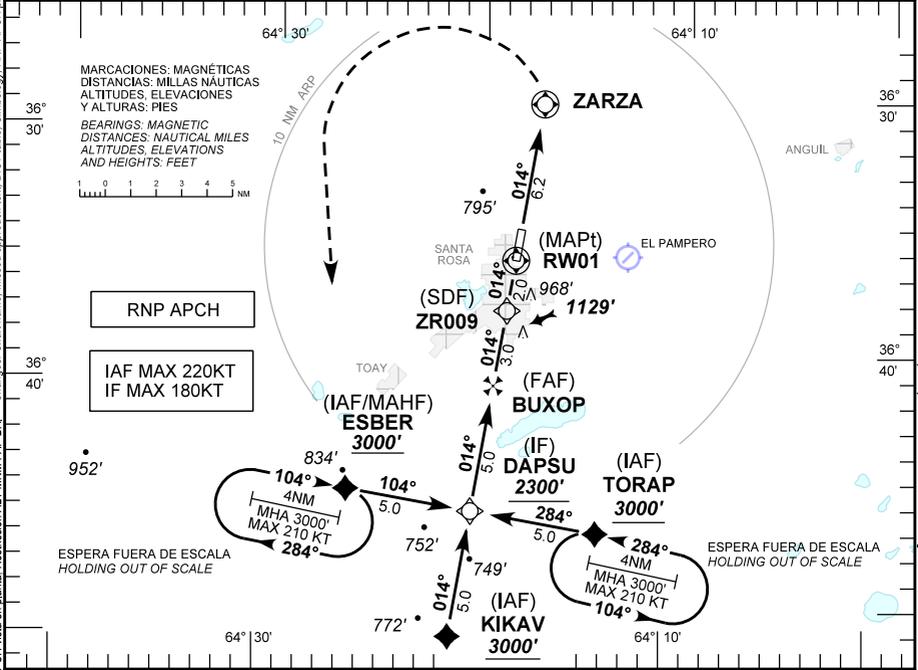
31 ENERO 2019

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Carta de aproximación por instrumentos  
Instrument approach chart

**RNP RWY 01**

SANTA ROSA APP <b>118.30 119.70</b>			SANTA ROSA TWR <b>118.30 119.70</b>			EMERG <b>121.50</b>	
<b>RNP</b>	FINAL APCH CRS <b>014°</b>	ALTITUD MNM BUXOP <b>2260'</b> (1645')	LNAV / VNAV DA(H) <b>1040'</b> (425')	AD Elev <b>623'</b>	THR Elev <b>615'</b>	03° W (2018)	
Aproximación frustrada: ASC sobre curso 014° hasta ZARZA, virar a la izquierda DCT a ESBER alcanzando 3000 ft, HLDG y seguir instrucciones del ATC. Missed approach: Climb on track 014° to ZARZA, turn left DCT to ESBER reaching 3000 ft, HLDG and proceed as directed by ATC.						 MSA 25NM ARP	
NOTA: Para Sistemas Baro VNAV no compensado, debajo de -15°C o superior a 48°C N.A.			NOTE: For uncompensated Baro VNAV system N.A. below -15°C or above 48°C.				



DIRECTA RWY 01 / Straight in RWY 01							Circulación Visual Circle to land				
CAT	LNAV / VNAV			LNAV			CAT	MDA	MDH	VIS	
	DA 1040'	DH 425'	MDA 1080'	MDH 465'	VIS						
A	VIS			VIS			A	Circulación Visual N.A. Circle to land N.A.			
B	2000 M			2400 M			B				
C				2600 M			C				
D				2600 M			D				
GS KT	90	110	130	150	160	DIST to MAPt	5.0	4.0	3.0	2.0	1.2
FAF - MAPt 5.0 NM	3:20	2:44	2:18	2:00	1:53	ALT	2260	1940	1620	1300	1080
FPM	480	580	690	800	850	HGT	(1645)	(1325)	(1005)	(685)	(465)

21 ABRIL 2022

**SANTA ROSA (SAZR) RNP RWY 01**

<b>FIX IDENT</b>	<b>COORDINATES</b>
KIKAV	36°50'37.78" S 064°20'20.01" W
DAPSU	36°45'43.18" S 064°19'06.97" W
ESBER	36°44'44.30" S 064°25'13.04" W
TORAP	36°46'41.73" S 064°13'00.74" W
BUXOP	36°40'48.59" S 064°17'53.98" W
ZR009	36°37'51.82" S 064°17'10.26" W
RW01	36°35'53.97" S 064°16'41.14" W
ZARZA	36°29'46.17" S 064°15'10.43" W

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### 1/2 SANTA ROSA (SAZR) RNP RWY 01

Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2018)
010	KIKAV	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0	3 W
020	DAPSU	TF	N	5.0	014 (011.3)	N/A	+2300	-180	RNP APCH	1.0	3 W
010	ESBER	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0	3 W
020	DAPSU	TF	N	5.0	104 (101.3)	N/A	+2300	-180	RNP APCH	1.0	3 W
010	TORAP	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0	3 W
020	DAPSU	TF	N	5.0	284 (281.3)	N/A	+2300	-180	RNP APCH	1.0	3 W
010	DAPSU	IF	N	N/A	N/A	N/A	+2300	-180	RNP APCH	1.0	3 W
020	BUXOP	TF	N	5.0	014 (011.3)	N/A	+2260	N/A	RNP APCH	1.0	3 W

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## 2/2 SANTA ROSA (SAZR) RNP RWY 01

Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2018)
030	ZR009	TF	N	3.0	014 (011.3)	N/A	+1310	N/A	RNP APCH	0.3	3 W
040	RW01	TF	Y	2.0	014 (011.3)	N/A	@665	N/A	RNP APCH	0.3	3 W
050	ZARZA	CF	Y	6.2	014 (011.2)	N/A	N/A	N/A	RNP APCH	1.0	3 W
060	ESBER	DF	N	N/A	N/A	L	+3000	N/A	RNP APCH	1.0	3 W
070	ESBER	HM	Y	4.0	104 (101.3)	R	+3000	-210	RNP APCH	1.0	3 W

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