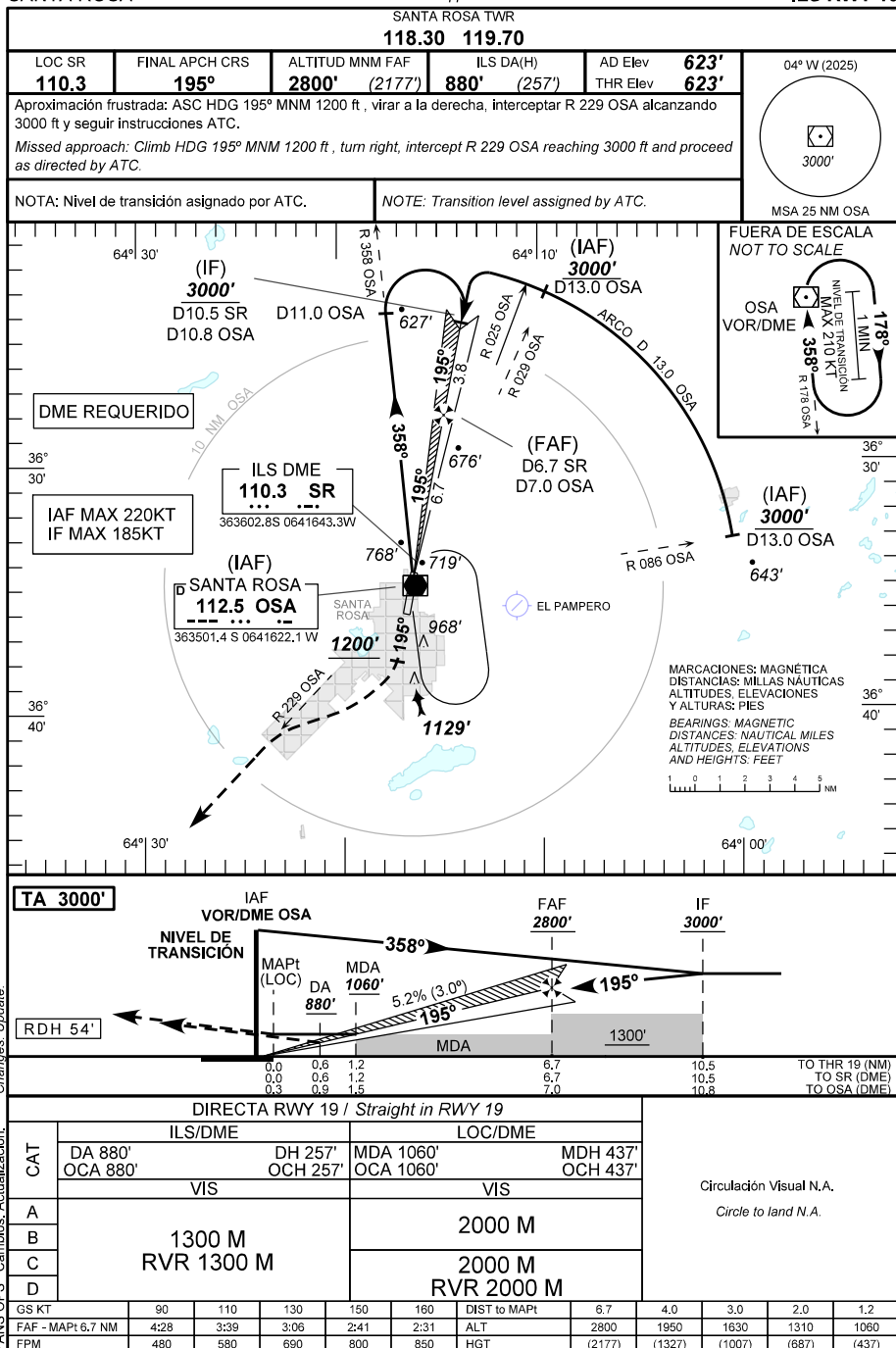


Carta de aproximación por instrumentos
Instrument approach chart

ILS RWY 19



Carta de aproximación por instrumentos
Instrument approach chart

VOR Z RWY 19

SANTA ROSA APP

118.30 119.70

SANTA ROSA TWR

118.30 119.70

EMERG

121.50

VOR OSA

112.5

FINAL APCH CRS

194°

ALTITUD MNM ZR028

2800' (2177')

MDA (H)

1020' (397')

AD Elev

623'

THR Elev

623'

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.

NOTA: Nivel de transición asignado por ATC.

RMK: Transition level assigned by ATC.

03° VV (2018)

3000'

MSA 25NM OSA

64° 30'

36° 30'

36° 40'

64° 30'

64° 00'

(IF) ZR027

3000'

D10.8 OSA

D11.0 OSA

769'

MAX 210KT

357°

(IAF) ZR024

683'

660'

194°

3.8

703'

R 023 OSA

R 027 OSA

ARCO D 13.0 OSA

3000 FT

ANGUIL

(IAF) ZR023

759'

772'

1200'

193°

968'

MAPt

D 0.3 OSA

EL PAMPERO

TOAY

R 227 OSA

1129'

10 NM OSA

DME REQUERIDO

MARCACIONES: MAGNÉTICAS

DISTANCIAS: MILLAS NAÚTICAS

ALTITUDES, ELEVACIONES

Y ALTURAS: PIES

BEARINGS: MAGNETICS

DISTANCES: NAUTICAL MILES

ALTITUDES, ELEVATIONS

AND HEIGHTS: FEET

1

0

1

2

3

4

5

NM

TA 3000'

(IAF) VOR OSA

MAPt

MDA 1020'

357°

5.2% (3.0°)

194°

MDA

1200'

0.0

0.3

1.0

1.3

6.7

7.0

10.5

10.8

TO THR 19 (NM)

TO OSA (DME)

DIRECTA RWY 19 / Straight in RWY 19

VOR / DME

MDA 1020'

MDH 397'

VIS

2000 M

2200 M

Circulación Visual

Circle to land

CAT

MDA

MDH

VIS

A

B

C

D

Circulación Visual N.A.

Circle to land N.A.

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)

(698)

(397)

PANS OPS Cambios: VAR. Changes: VAR.

DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS - DNINA DISEÑO FANA S.E. - NAVEGACIÓN AÉREA ARGENTINA

SANTA ROSA (SAZR)
SANTA ROSA

Carta de aproximación por instrumentos
Instrument approach chart

RNP RWY 19

SANTA ROSA TWR
118.30 119.70

RNP	FINAL APCH CRS 195°	ALTITUD MNM ZARZA 2270' (1647')	LNAV / VNAV DA(H) 916' (293')	AD Elev 623'	THR Elev 623'
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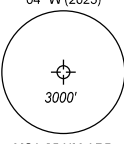
Aproximación frustrada: ASC sobre curso 195° hasta ZR009, virar a la derecha DCT a KUBSI MNM 3000 ft, HLDG y seguir instrucciones del ATC.

Missed approach: Climb on course 195° to ZR009, turn right DCT to KUBSI MNM 3000 ft, HLDG and proceed as directed by ATC.

NOTA: Para sistemas Baro VNAV no compensado, debajo de -15°C o superior a 48°C N.A.

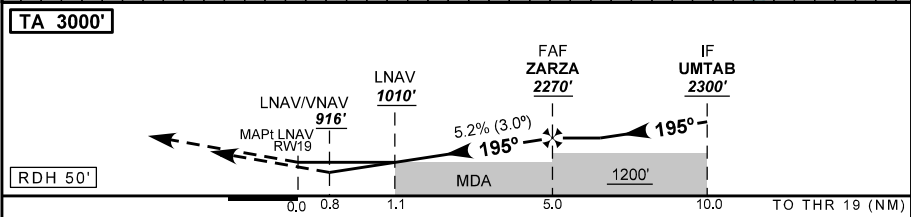
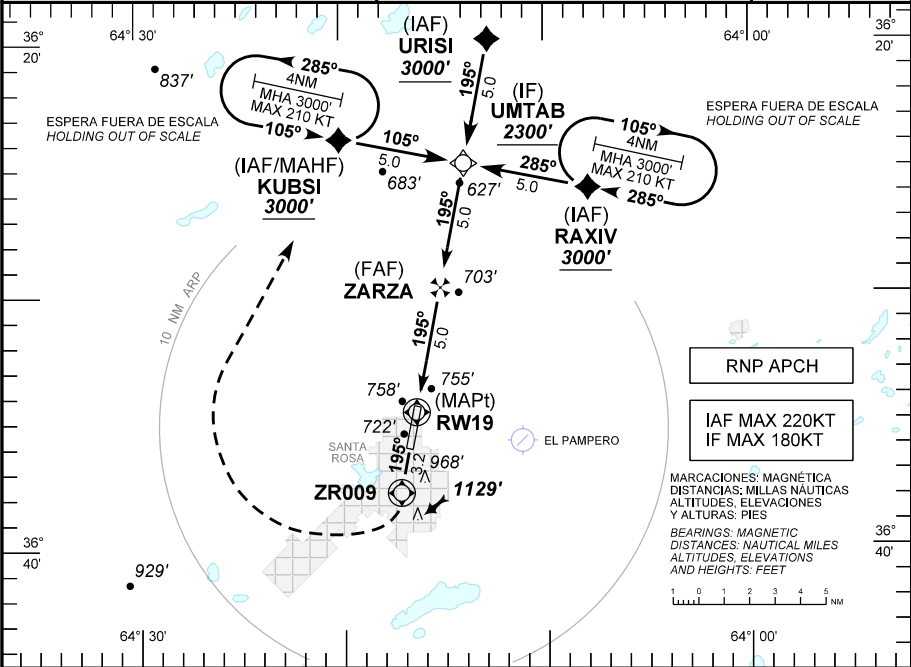
NOTE: For uncompensated Baro VNAV systems N.A. below -15°C or above 48°C.

04° W (2025)



3000'

MSA 25 NM ARP



DIRECTA RWY 19 / <i>Straight in RWY 19</i>										Circulación Visual N.A. <i>Circle to land N.A.</i>				
CAT	LNAV / VNAV				LNAV									
	DA 916' OCA 916'		DH293' OCH 293'		MDA 1010' OCA 1010'		MDH 387' OCH 387'							
	VIS				VIS									
	1400 M RVR 1400 M				1800 M 1800 M RVR 1800 M									
A														
B														
C														
D														
GS KT		90	110	130	150	160	DIST to MAPt		5.0	4.0	3.0	2.0	1.1	
FAF - MAPt 5.0 NM		3:20	2:44	2:18	2:00	1:53	ALT		2270	1950	1630	1310	1010	
FPM		480	590	690	800	850	HGT		(1647)	(1327)	(1007)	(687)	(387)	

PANS OPS Cambios: Actualización.

DISEÑO EANA - NAVEGACIÓN AEREA ARGENTINA
DIRECCION REGULACION NORMAS Y PROCEDIMIENTOS - DNINA

1/2 SANTA ROSA (SAZR) RNP RWY 19

Seq Num	Fix Ident	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Alt / Descr (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP
10	URISI	S 36°19'56.90" W 064°12'45.36"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	UMTAB	S 36°24'51.54" W 064°13'57.86"	TF	N	5.0	195 (191.2)	N/A	+2300	-180	RNP APCH	1.0
10	KUBSI	S 36°23'52.71" W 064°20'02.31"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	UMTAB	S 36°24'51.54" W 064°13'57.86"	TF	N	5.0	105 (101.3)	R	+2300	-180	RNP APCH	1.0
10	RAXIV	S 36°25'50.04" W 064°07'53.25"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	UMTAB	S 36°24'51.54" W 064°13'57.86"	TF	N	5.0	285 (281.2)	N/A	+2300	-180	RNP APCH	1.0
10	UMTAB	S 36°24'51.54" W 064°13'57.86"	IF	N	N/A	N/A	N/A	+2300	-180	RNP APCH	1.0
20	ZARZA	S 36°29'46.17" W 064°15'10.43"	TF	N	5.0	195 (191.2)	N/A	+2270	N/A	RNP APCH	1.0
30	RW19	S 36°34'40.81" W 064°16'23.08"	TF	Y	5.0	195 (191.2)	N/A	@673	N/A	RNP APCH	0.3
40	ZR009	S 36°37'51.82" W 064°17'10.26"	CF	Y	3.2	195 (191.3)	N/A	N/A	N/A	RNP APCH	1.0

2/2 SANTA ROSA (SAZR) RNP RWY 19

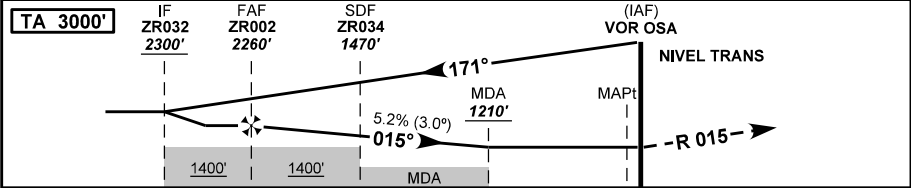
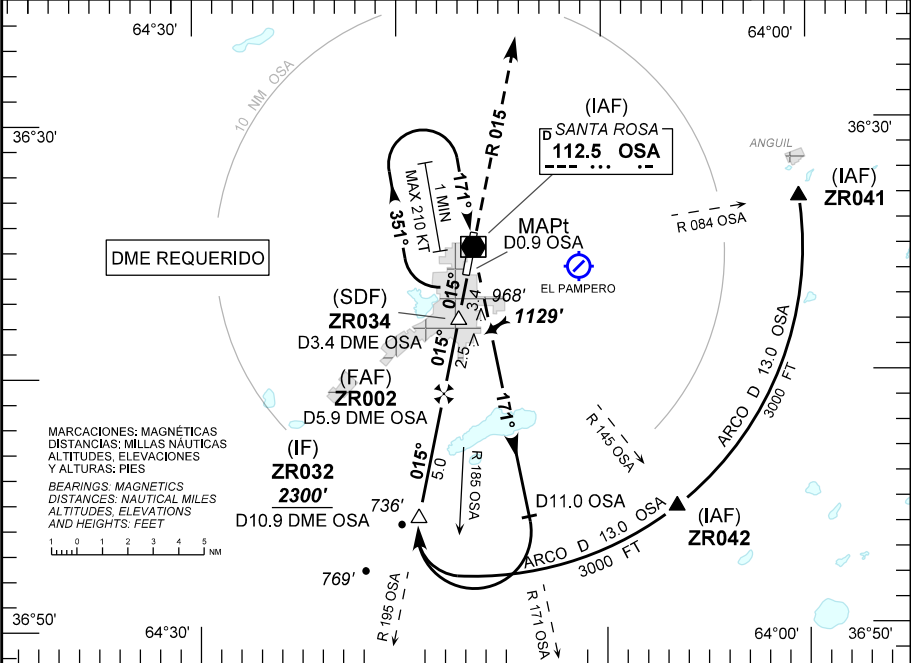
Seq Num	Fix Ident	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Alt / Descr (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP
50	KUBSI	S 36°23'52.71" W 064°20'02.31"	DF	N	N/A	N/A	R	+3000	N/A	RNP APCH	1.0
60	KUBSI	S 36°23'52.71" W 064°20'02.31"	HM	Y	4.0	105 (101.3)	L	+3000	-210	RNP APCH	1.0

SANTA ROSA (SAZR)
SANTA ROSA

Carta de aproximación por instrumentos
Instrument approach chart

VOR RWY 01

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



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 / <i>Straight in RWY 01</i>							Circulación Visual <i>Circle to land</i>				
CAT	VOR / DME										
	MDA 1210' MDH 595'										
	VIS										
A	2900 M						A	Circulación Visual N.A. <i>Circle to land N.A.</i>	MDA	MDH	VIS
B							B				
C	3100 M						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

SANTA ROSA (SAZR)
SANTA ROSA

Carta de aproximación por instrumentos
Instrument approach chart

RNP RWY 01

SANTA ROSA TWR

118.30 119.70

RNP	FINAL APCH CRS	ALTITUD MNM BUXOP	LNAV / VNAV DA(H)	AD Elev	623'
	015°	2260' (1645')	1040' (425')	THR Elev	615'

Aproximación frustrada: ASC sobre curso 015° hasta ZARZA, virar a la izquierda DCT a ESBER MNM 3000 ft, HLDG y seguir instrucciones del ATC.

Missed approach: Climb on course 015° to ZARZA, turn left DCT to ESBER MNM 3000 ft, HLDG and proceed as directed by ATC.

NOTA: Para Sistemas Baro VNAV no compensado, debajo de -15°C o superior a 48°C N.A.

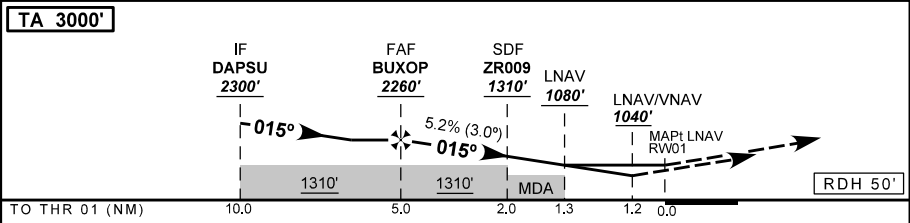
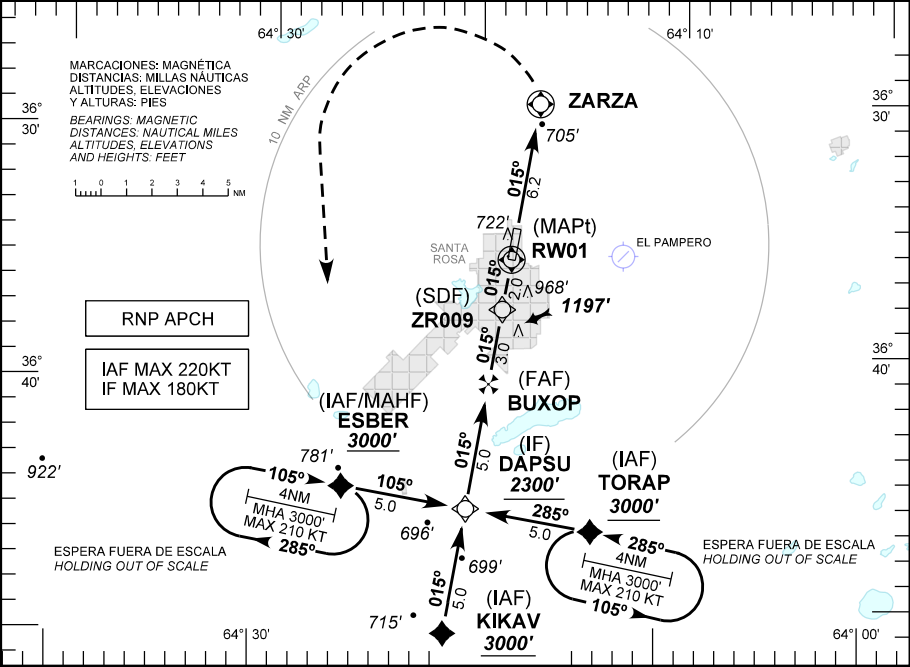
NOTE: For uncompensated Baro VNAV system N.A. below -15°C or above 48°C.

04° W (2025)



3000'

MSA 25 NM ARP



DIRECTA RWY 01 / <i>Straight in RWY 01</i>								Circulación Visual N.A. <i>Circle to land N.A.</i>				
CAT	LNAV / VNAV				LNAV							
	DA 1040'		DH 425'		MDA 1080'		MDH 465'					
	OCA 1040'		OCH 425'		OCA 1080'		OCH 465'					
	VIS				VIS							
A	2000 M				2200 M							
B												
C												
D												
GS KT	90	110	130	150	160	DIST to MAPt	5.0	4.0	3.0	2.0	1.3	
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)	

1/2 SANTA ROSA (SAZR) RNP RWY 01

Seq Num	Fix Ident	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Alt / Descr (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP
10	KIKAV	S 36°50'37.78" W 064°20'20.01"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	DAPSU	S 36°45'43.18" W 064°19'06.97"	TF	N	5.0	015 (011.3)	N/A	+2300	-180	RNP APCH	1.0
10	ESBER	S 36°44'44.31" W 064°25'13.04"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	DAPSU	S 36°45'43.18" W 064°19'06.97"	TF	N	5.0	105 (101.3)	N/A	+2300	-180	RNP APCH	1.0
10	TORAP	S 36°46'41.73" W 064°13'00.74"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	DAPSU	S 36°45'43.18" W 064°19'06.97"	TF	N	5.0	285 (281.2)	N/A	+2300	-180	RNP APCH	1.0
10	DAPSU	S 36°45'43.18" W 064°19'06.97"	IF	N	N/A	N/A	N/A	+2300	-180	RNP APCH	1.0
20	BUXOP	S 36°40'48.59" W 064°17'53.98"	TF	N	5.0	015 (011.3)	N/A	+2260	N/A	RNP APCH	1.0
30	ZR009	S 36°37'51.82" W 064°17'10.26"	TF	N	3.0	015 (011.3)	N/A	+1310	N/A	RNP APCH	0.3
40	RW01	S36°35'53.97" W 064°16'41.14"	TF	Y	2.0	015 (011.3)	N/A	@665	N/A`	RNP APCH	0.3

2/2 SANTA ROSA (SAZR) RNP RWY 01

Seq Num	Fix Ident	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Alt / Descr (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP
50	ZARZA	S 36°29'46.18" W 064°15'10.43"	CF	Y	6.2	015 (011.3)	N/A	N/A	N/A	RNP APCH	1.0
60	ESBER	S 36°44'44.31" W 064°25'13.04"	DF	N	N/A	N/A	L	+3000	N/A	RNP APCH	1.0
70	ESBER	S 36°44'44.31" W 064°25'13.04"	HM	Y	4.0	105 (101.3)	R	+3000	-210	RNP APCH	1.0