

DOMINGO F. SARMIENTO (SANU) Carta de aproximación por instrumentos
SAN JUAN Instrument approach chart

ILS RWY 18

SAN JUAN CTL
119.35 118.05

SAN JUAN APP
119.35 118.05

SAN JUAN TWR
119.35 118.05

LOC SJ
110.3

FINAL APCH CRS
181°

MNM ALT 4,8 D
3550' (1603')

DA (H)
2185' (238')

AD. Elev.
1949'

THR Elev.
1947'

1° W

2016

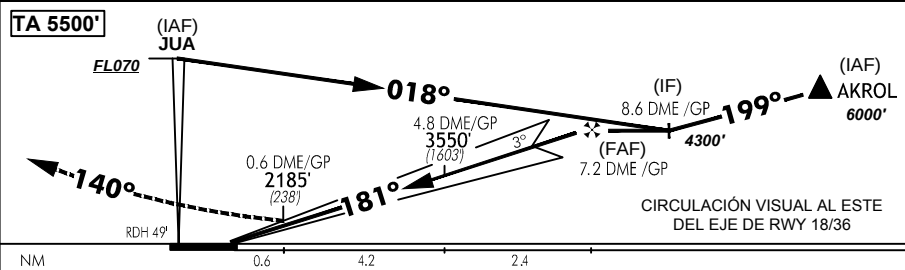
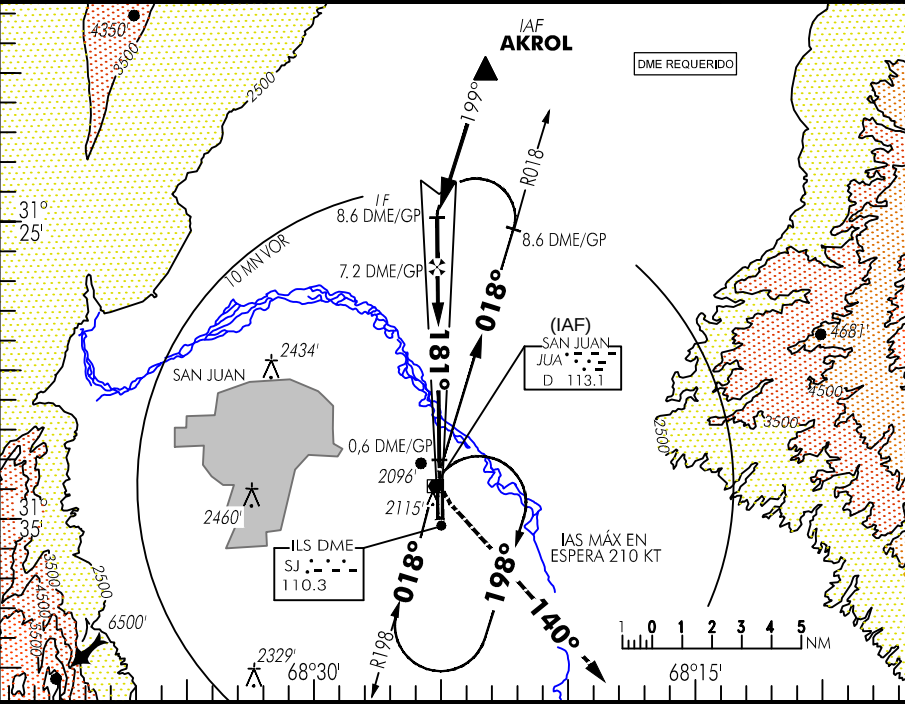
Aproximación frustada: ASC hasta 5600 ft, viraje izquierda HDG 140° y seguir instrucciones del ATC.
Missed approach: Climb until 5600 ft, turn left HDG 140° or as directed by ATC.

11500'

100'

8000'

MSA 25 NM JUA



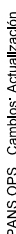
DIRECTA RWY 18 / <i>Straight in RWY 18</i>										Circulación visual Circle to land			
C A T	ILS / DME					LOC / DME							
	DA 2185'		DH 238'		MDA 2400'		MDH 453'		CAT	M D A	MDH	V I S	
	VIS					VIS				A	2500'	55'	2600 M
	1200 M					2600 M				B			2800 M
						2800 M				C	2650'	70'	3700 M
D										4600 M			
GS KT		90	100	110	120	130	140	150					
FAF - 0.6 DME/GP 6.6 NM		4:24	3:58	3:36	3:18	3:03	2:50	2:38					
FPM		480	530	580	630	680	740	790					

11 OCTUBRE 2018

Cambios: NIL. Changes: NIL.

DISEÑO EANA S.E. - NAVEGACIÓN AEREA ARGENTINA
DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS-DNINA

RNP RWY 18



1/2 DOMINGO F SARMIENTO (SANU) RNP RWY 18

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	ESNUG	S 31°18'32.44" W 068°25'15.27"	IF	N	N/A	N/A	N/A	+5000	-220	RNP APCH	1.0
20	AKVUP	S 31°23'33.09" W 068°25'12.28"	TF	N	5.0	182 (179.5)	N/A	+4000	-185	RNP APCH	1.0
10	NAXEX	S 31°23'25.26" W 068°19'00.74"	IF	N	N/A	N/A	N/A	+5000	-220	RNP APCH	1.0
20	AKVUP	S 31°23'33.09" W 068°25'12.28"	TF	N	5.3	272 (268.6)	N/A	+4000	-185	RNP APCH	1.0
10	UTLIX	S 31°24'02.64" W 068°32'02.79"	IF	N	N/A	N/A	N/A	+5000	-220	RNP APCH	1.0
20	AKVUP	S 31°23'33.09" W 068°25'12.28"	TF	N	5.9	088 (085.2)	N/A	+4000	-185	RNP APCH	1.0
10	AKVUP	S 31°23'33.09" W 068°25'12.28"	IF	N	N/A	N/A	N/A	+4000	-185	RNP APCH	1.0
20	NEBEL	S 31°28'34.87" W 068°25'09.28"	TF	N	5.0	182 (179.5)	N/A	+3600	N/A	RNP APCH	1.0
30	RWY18	S 31°33'37.33" W 068°25'06.26"	TF	Y	5.0	182 (179.5)	N/A	@1998	N/A	RNP APCH	0.3
40	DILIX	S 31°50'02.42" W 068°24'56.39"	CF	N	16.4	182 (179.5)	N/A	+4500	-220	RNP APCH	1.0

2/2 DOMINGO F SARMIENTO (SANU) RNP RWY 18											
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	DILIX	S 31°50'02.42" W 068°24'56.39"	HM	Y	4.0	002 (359.4)	R	+5000	-210	RNP APCH	1.0

SAN JUAN CTL

119.35 118.05

SAN JUAN APP

119.35 118.05

SAN JUAN TWR

119.35 118.05

VOR JUA

113.1

FINAL APCH CRS

355°

MNM ALT 5,0 D

3350' (1409')

MDA (H)

2360' (419')

AD. Elev. 1949'

THR Elev. 1947'

1° W

2016

Aproximación frustrada: ASC para 5600 ft, hasta VOR JUA viraje derecha HDG 007° o seguir instrucciones del ATC.

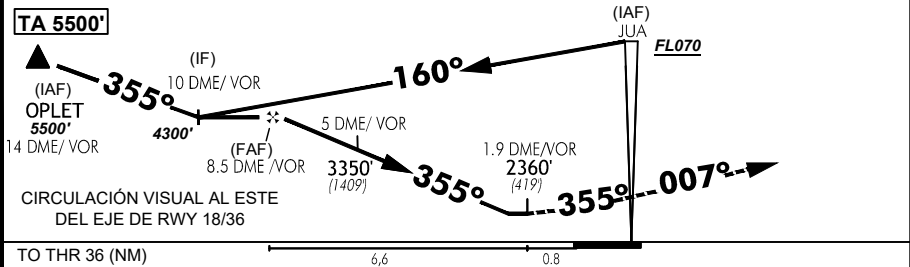
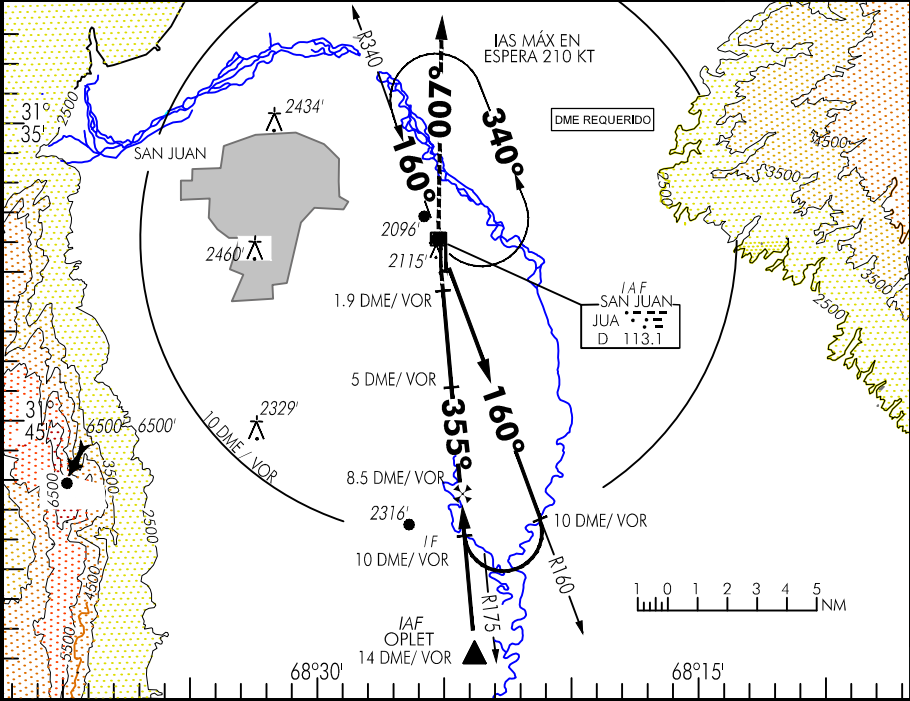
Missed approach: Climb until 5600 ft, to VOR JUA turn right HDG 007° or as directed by ATC.

11500'

100'

8000'

MSA 25 NM JUA

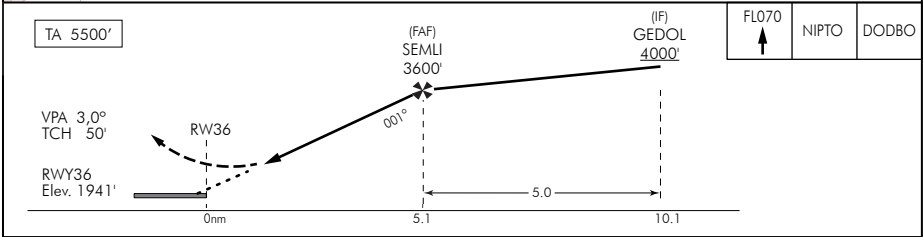
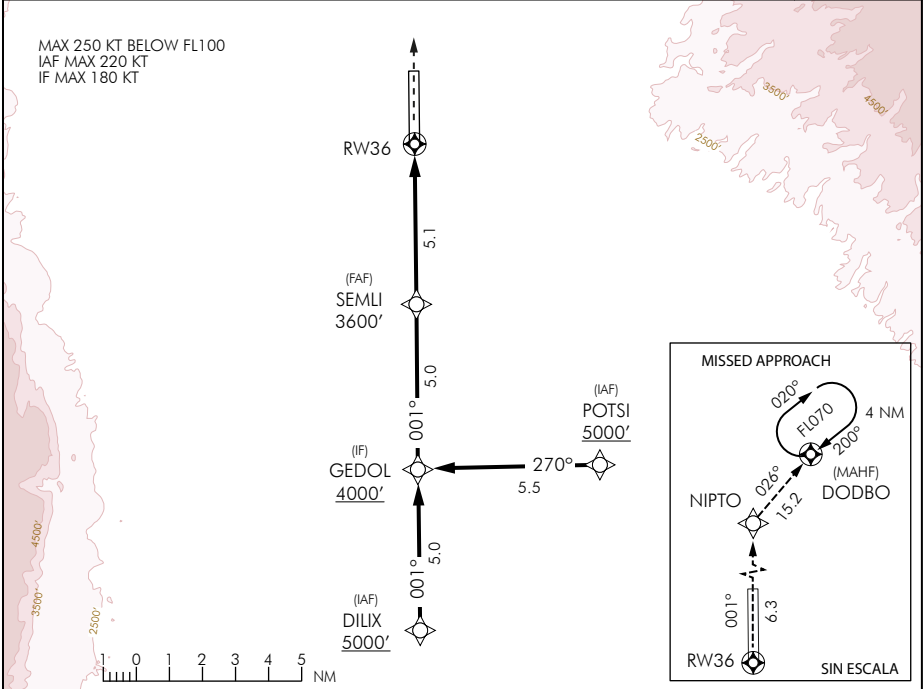


DIRECTA RWY 36 / <i>Straight in RWY 36</i>										Circulación visual <i>Circle to land</i>			
CAT	VOR DME												
	MDA 2360' MDH 419'												
	VIS												
	2400 M												
	2600 M												
A										CAT	M D A	MDH	V I S
B										A	2500'	551'	2400 M
										B			2800 M
C										C	2650'	701'	3700 M
D										D			4600 M
GS KT			90	100	110	120	130	140	150				
FAF - 1.9 DME/VOR 6.6 NM			4:24	3:58	3:36	3:18	3:03	2:50	2:38				

DOMINGO FAUSTINO SARMIENTO (SANU)
SAN JUAN

RNP RWY 36 (LNAV/VNAV)

ATIS -----		SAN JUAN CONTROL 119.35 118.05		SAN JUAN APP 119.35 118.05		SAN JUAN TWR 119.35 118.05		EMERG 121.50	
RNP		FINAL APCH CRS 001°		MNM ALTD SEMLI 3600' (1659')		LNAV/VNAV DA (H) 2230' (289')		AD Elev 1949' THR Elev 1941'	
Aprox. frustrada: Ascender a FL070 siguiendo trayectoria RNAV, esperar en DODBO o según instrucciones ATC. Missed approach: Climb to FL070 via RNAV path, hold in DODBO or as directed by ATC.									
Para sistemas Baro VNAV no compensados, debajo de -5°C o superior a 45°C N.A.					For uncompensated Baro VNAV systems, N/A below -5°C or above 45°C.				
1°W 2016 11500' 100' 2100' 8000' MSA 25NM ARP									



DIRECTA PISTA 36 / Straight in RWY 36										Circulación visual N.A. Circle to land: N.A. Se requiere certificación: Certification required: RNP APCH (LNAV), 6 RNP APCH (LNAV/VNAV)
CAT	LNAV / VNAV					LNAV				
	DA 2230' DH 289'					MDA 2360' MDH 419'				
	VIS					VIS				
A	1400 M					1900 M				
B										
C										
D										
GS KT		90	100	110	120	130	140	150		
FAF - THR36 5.1 NM		3:24	3:06	2:48	2:36	2:24	2:12	2:00		
FPM (3,0°)		477	530	583	636	689	742	795		

11 OCTUBRE 2018

DOMINGO FAUSTINO SARMIENTO (SANU) RNP RWY 36 LNAV / LNAV-VNAV														
N° Serie	Identif. WPT	Path Term.	Coordenada LAT	Coordenada LONG	FB/ FO	Dist. (NM)	Curso M° (°)	Dirección viraje	Altitud (FT)	Límite Vel (Kt)	Var Mag.	VPA	RNP	Especif. de Nav.
010	GEDOL	IF	S 31°45'01.796"	W 068°24'59.409"	FB	--	--	--	+ 4000'	-180	1°W	--	1.0	RNP APCH
020	SEMLI	TF	S 31°40'01.162"	W 068°25'02.421"	FB	5.00	000.5° (359.5°)	--	3600'	--	1°W	--	1.0	RNP APCH
030	RW36	TF	S 31°34'57.200"	W 068°25'05.460"	FO	5.06	000.5° (359.5°)	--	1990'	--	1°W	3°/50'	0.3	RNP APCH
040	NIPTO	TF	S 31°28'33.740"	W 068°25'09.290"	FB	6.38	000.5° (359.5°)	--	--	--	1°W	--	1.0	RNP APCH
050	DODBO	TF	S 31°1'44.1.854"	W 068°17'48.026"	FB	15.20	025.5° (024.5°)	--	FL070	--	1°W	--	1.0	RNP APCH
060	DODBO	HM	S 31°1'44.1.854"	W 068°17'48.026"	FO	4.00	200.0° (199.0°)	R	FL070	--	1°W	--	1.0	RNP APCH
010	POTSI	IF	S 31°44'58.790"	W 068°18'32.270"	FB	--	--	--	+ 5000'	-220	1°W	--	1.0	RNP APCH
020	GEDOL	TF	S 31°45'01.796"	W 068°24'59.409"	FB	5.50	270.5° (269.5°)	--	+ 4000'	-180	1°W	--	1.0	RNP APCH
010	DILUX	IF	S 31°50'02.425"	W 068°24'56.392"	FB	--	--	--	+ 5000'	-220	1°W	--	1.0	RNP APCH
020	GEDOL	TF	S 31°45'01.796"	W 068°24'59.409"	FB	5.00	000.5° (359.5°)	--	+ 4000'	-180	1°W	--	1.0	RNP APCH

DISEÑO EANA S.E. - NAVEGACIÓN AÉREA ARGENTINA

DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS DNINA