

EL CALAFATE (SAWC)
EL CALAFATE

Carta de aproximación por instrumentos
Instrument approach chart

ILS Z RWY 25

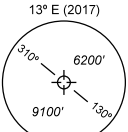
ATIS 127.85	EL CALAFATE APP 119.95 118.20		EL CALAFATE TWR 119.95 118.20		EMERG 121.50
ILS/LOC EC 108.9	FINAL APCH CRS 252°	ALTITUD AT FAP 2900' (2268')	ILS/DME DA (H) 832' (200')	AD Elev 647' THR Elev 632'	13° E (2017)

Aproximación frustrada: ASC sobre curso 252° hasta ATEXI alcanzando 5400 ft, HLDG y seguir instrucciones del ATC.

Missed approach: Climb on course 252° to ATEXI reaching 5400 ft, HLDG and proceed as directed by ATC.

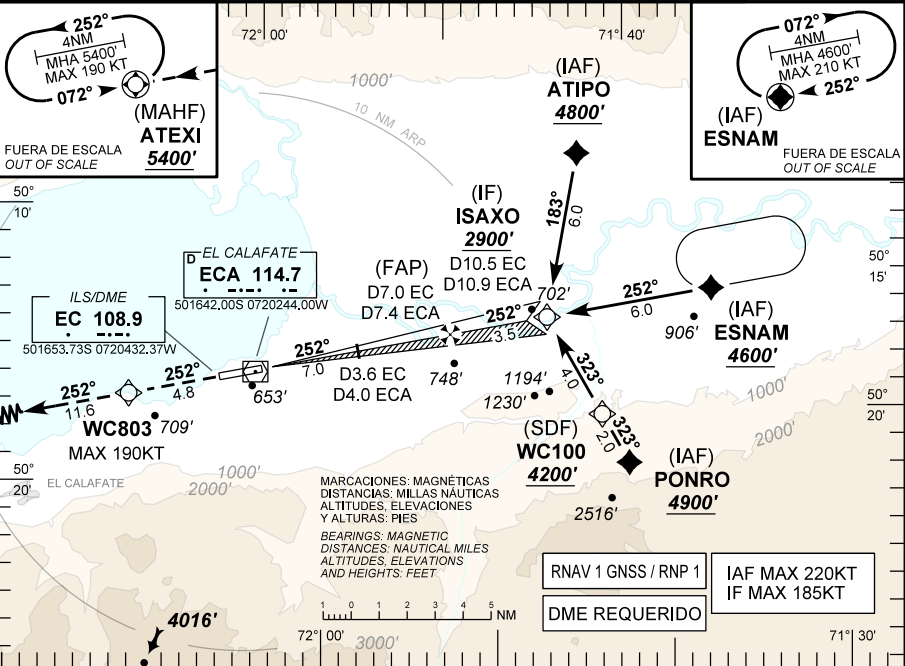
NOTA: NIL.

NOTE: NIL.

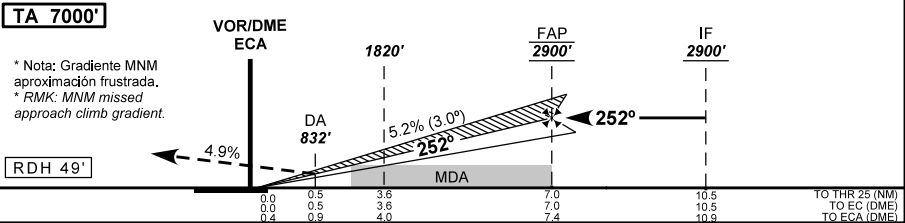


MSA 25 NM ARP

PANS OPS. Cambios: Altitud ATPO, altitud ATEXI, gradiente frustrada. FREQ COM. AD ELEV. Changes: Altitude ATPO, altitude ATEXI, missed approach gradient. FREQ COM. AD ELEV.



DISENO EANA S.E. - NAVEGACION AEREA ARGENTINA



DIRECCION REGULACION NORMAS Y PROCEDIMIENTOS - DNINA

CAT	DIRECTA RWY 25 / Straight in RWY 25			Circulación Visual Circle to land			
	DA 832'	ILS/DME	DH 200'	CAT	MDA	MDH	VIS
A	1200 M			A	Circulación Visual N.A. Circle to land N.A.		
B				B			
C				C			
D				D			

1/2 EL CALAFATE (SAWC) ILS Z RWY 25											
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	PONRO	S 50°21'11.22" W 071°41'52.37"	IF	N	N/A	N/A	N/A	+4900	-220	RNAV 1 or RNP 1	1.0
20	WC100	S 50°19'22.61" W 071°43'11.65"	TF	N	2.0	323 (335.0)	N/A	+4200	-220	RNAV 1 or RNP 1	1.0
30	ISAXO	S 50°15'45.36" W 071°45'49.92"	TF	N	4.0	323 (335.0)	N/A	+2900	-185	RNAV 1 or RNP 1	1.0
10	ATIPO	S 50°09'57.95" W 071°43'26.01"	IF	N	N/A	N/A	N/A	+4800	-220	RNAV 1 or RNP 1	1.0
20	ISAXO	S 50°15'45.36" W 071°45'49.92"	TF	N	6.0	183 (194.9)	N/A	+2900	-185	RNAV 1 or RNP 1	1.0
10	ESNAM	S 50°15'10.16" W 071°36'31.34"	IF	N	N/A	N/A	N/A	+4600	-220	RNAV 1 or RNP 1	1.0
20	ISAXO	S 50°15'45.36" W 071°45'49.92"	TF	N	6.0	252 (264.3)	N/A	+2900	-185	RNAV 1 or RNP 1	1.0
10	ISAXO	S 50°15'45.36" W 071°45'49.92"	IF	N	N/A	N/A	N/A	+2900	-185	N/A	N/A
20	FAP	S 50°16'05.71" W 071°51'18.51"	CF	N	3.5	252 (264.7)	N/A	@2900	N/A	N/A	N/A

21 ABRIL 2022

2/2 EL CALAFATE (SAWC) ILS Z RWY 25											
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
30	RW25	S 50°16'45,08" W 072°02'07,47"	CF	Y	7.0	252 (264.7)	N/A	@ 681	N/A	N/A	N/A
40	WC803	S 50°17'11,54" W 072°09'33,80"	CF	N	4.8	252 (264.7)	N/A	N/A	-190	RNAV 1 or RNP 1	1.0
50	ATEXI	S 50°18'13,54" W 072°27'33,61"	TF	N	11.6	252 (264.7)	N/A	+5400	-190	RNAV 1 or RNP 1	1.0
60	ATEXI	S 50°18'13,54" W 072°27'33,61"	HM	Y	4.0	072 (085)	L	+5400	-190	RNAV 1 or RNP 1	1.0

21 ABRIL 2022

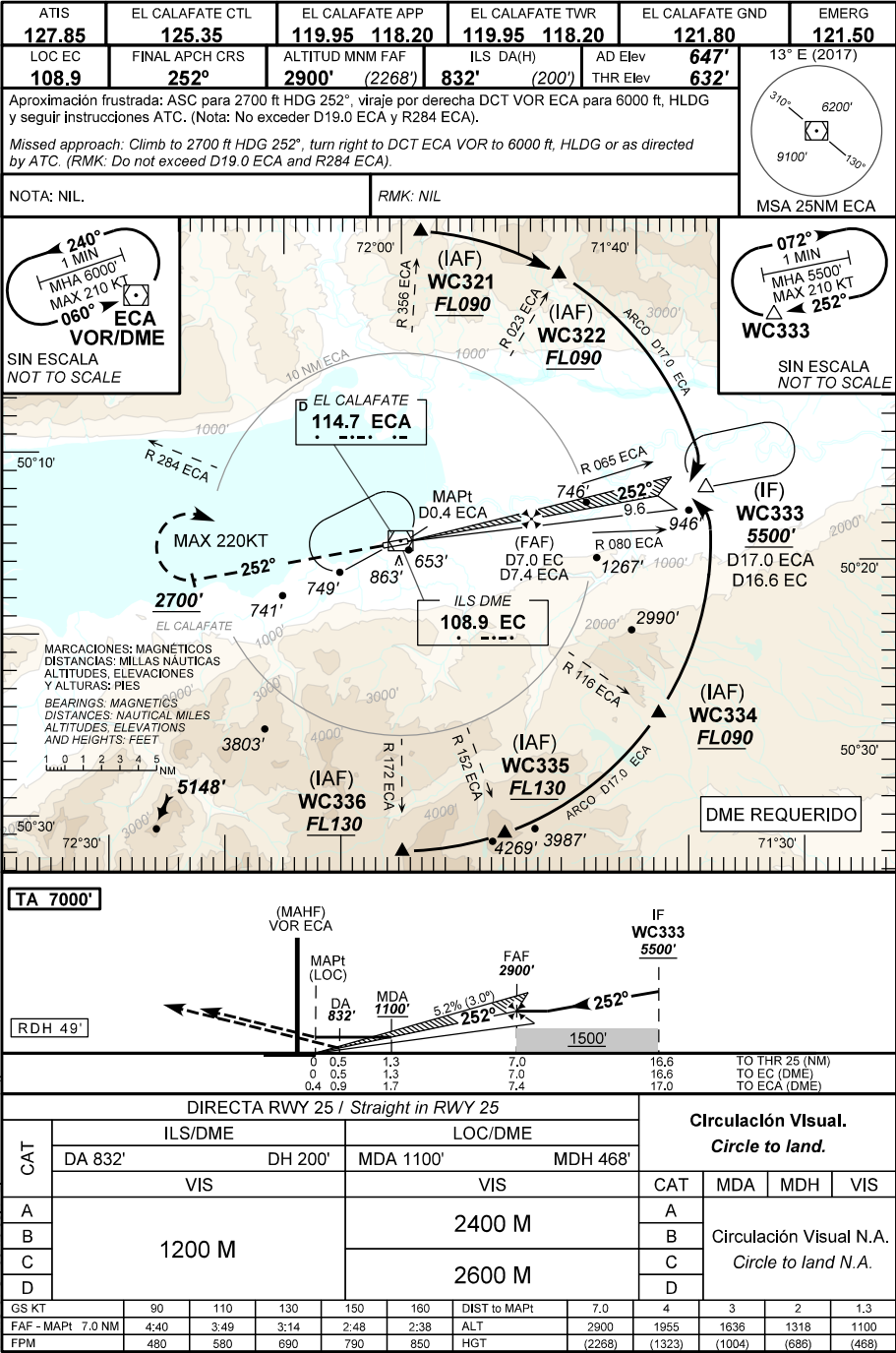
EL CALAFATE (SAWC)

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Carta de aproximación por instrumentos

Instrument approach chart

ILS Y RWY 25



EL CALAFATE (SAWC)
EL CALAFATE

Carta de aproximación por instrumentos
Instrument approach chart

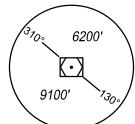
ILS X RWY 25

ATIS 127.85	EL CALAFATE CTL 125.35	EL CALAFATE APP 119.95 118.20	EL CALAFATE TWR 119.95 118.20	EL CALAFATE GND 121.80	EMERG 121.50
LOC EC 108.9	FINAL APCH CRS 252°	ALTITUD MNM FAF 2900' (2268')	ILS DA(H) 832' (200')	AD Elev 647' THR Elev 632'	13°E (2017)

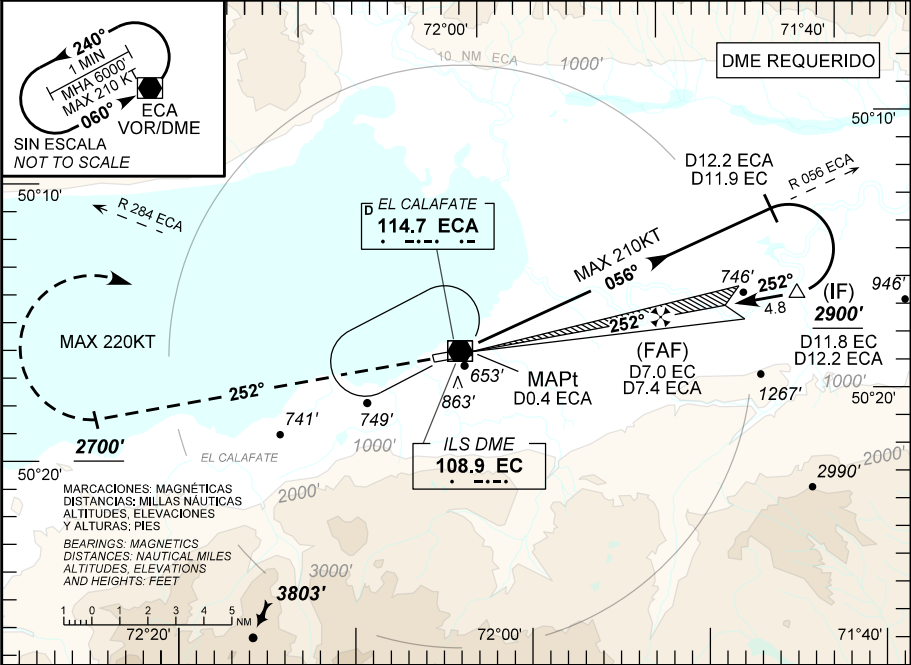
Aproximación frustrada: ASC para 2700 ft HDG 252°, viraje por derecha DCT VOR ECA para 6000 ft, HLDG y seguir instrucciones ATC. (Nota: No exceder D19.0 ECA y R284 ECA).
Missed approach: Climb to 2700 ft HDG 252°, turn right DCT ECA VOR to 6000 ft, HLDG or as directed by ATC. (RMK: Do not exceed D19.0 ECA and R284 ECA).

NOTA: NIL.

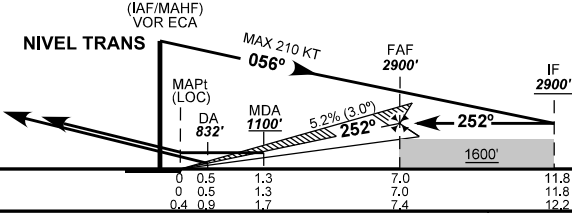
RMK: NIL.



MSA 25NM ECA



TA 7000'



Changes: NIL.

PANS OPS Cambios: NIL.

DIRECTA RWY 25 / <i>Straight in RWY 25</i>								Circulación Visual. <i>Circle to land.</i>					
CAT	ILS/DME				LOC/DME								
	DA 832'		DH 200'		MDA 1100'		MDH 468'						
	VIS				VIS				CAT	MDA	MDH	VIS	
A	1200 M				2400 M				A	Circulación Visual N.A. <i>Circle to land N.A.</i>			
B													
C													
D													
GS KT	90	110	130	150	160	DIST to MAPt	7,0	4	3	2	1,3		
FAF - MAPt 7,0 NM	4:40	3:49	3:14	2:48	2:38	ALT	2900	1955	1636	1318	1100		
FPM	480	580	690	800	850	HGT	(2268)	(1323)	(1004)	(686)	(468)		

11 OCTUBRE 2018

DISENO EANA S.E. - NAVEGACION AEREA ARGENTINA

EL CALAFATE

Carta de aproximación por instrumentos
Instrument approach chart

VOR Z RWY 25

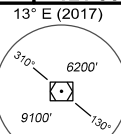
ATIS 127.85	EL CALAFATE CTL 125.35	EL CALAFATE APP 119.95 118.20	EL CALAFATE TWR 119.95 118.20	EL CALAFATE GND 121.80	EMERG 121.50
VOR ECA 114.7	FINAL APCD CRS 256°	ALTITUDE MNM FAF 2900' (2268')	MDA (H) 1110' (478')	AD Elev THR Elev 647' 632'	13° E (2017)

Aproximación frustrada: ASC para 2700 ft HDG 256°, viraje derecha DCT VOR ECA para 6000 ft, HLDG y seguir instrucciones ATC. (Nota: No exceder D14.0 ECA).

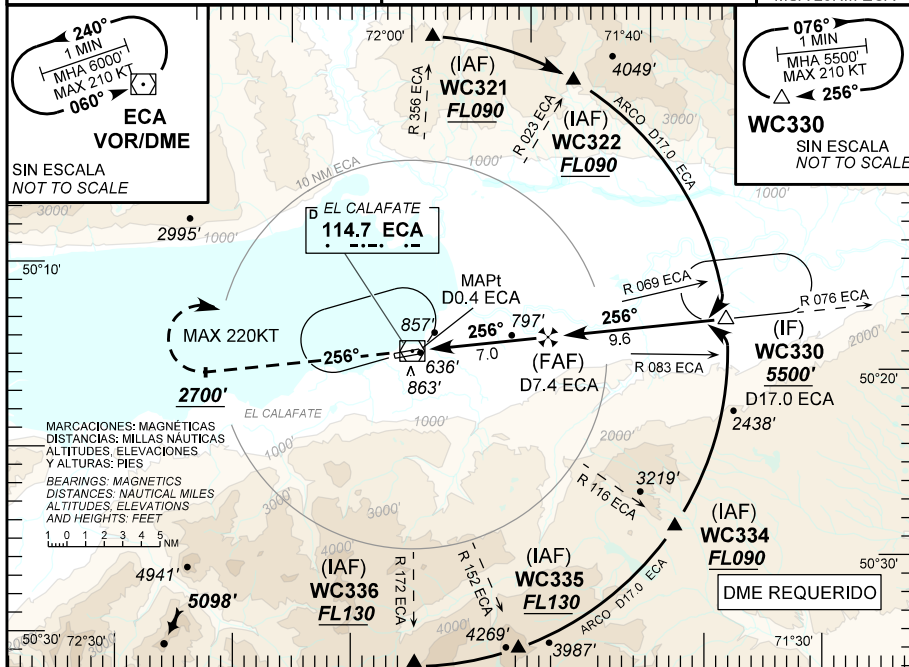
Missed approach: Climb to 2700 ft HDG 256°, turn right DCT ECA VOR to 6000 ft, HLDG or as directed by ATC. (RMK: Do not exceed D14.0 ECA).

NOTA: NIL.

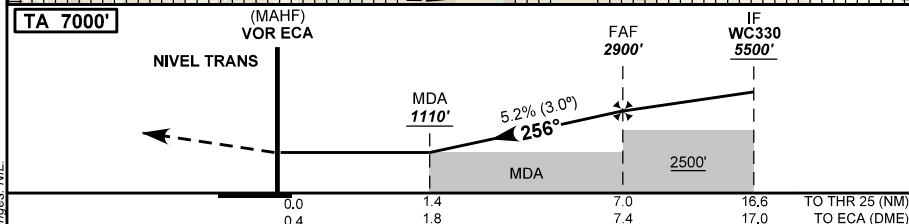
RMK: NIL.



MSA 25NM ECA



DEPARTAMENTO INFORMACIÓN AERONÁUTICA



DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS - DINA

DIRECTA RWY 25 / <i>Straight in RWY 25</i>								Circulación Visual <i>Circle to land</i>				
CAT	VOR/DME											
	MDA 1110' MDH 478'											
	VIS							CAT	MDA	MDH	VIS	
	A	2400 M							A	Circulación Visual N.A. <i>Circle to land N.A.</i>		
B	B											
C	2600 M							C				
D								D				
GS KT		90	110	130	150	160	DIST to MAPt	7,0	4	3	2	1,4
FAF - MAPt 7,0 NM		4:40	3:49	3:14	2:48	2:38	ALT	2900	1955	1636	1318	1110
FPM		480	580	690	790	850	HGT	(2268)	(1323)	(1004)	(686)	(478)

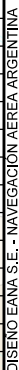
11 OCTUBRE 2018

Carta de aproximación por instrumentos
Instrument approach chart

VOR Y RWY 25

NOTA: NIL.

RMK: NIL.



DIRECTA RWY 25 / <i>Straight in RWY 25</i>								Circulación Visual. <i>Circle to land.</i>				
CAT	VOR/DME											
	MDA 1110'				MDH 478'							
	VIS							CAT	MDA	MDH	VIS	
A	2400 M							A	Circulación Visual N.A. <i>Circle to land N.A.</i>			
B								B				
C	2600 M							C				
D								D				
GS KT	90	110	130	150	160	DIST to MAPt	7,0	4	3	2	1,4	
FAF - MAPt 7,0 NM	4:40	3:49	3:14	2:48	2:38	ALT	2900	1955	1636	1318	1110	
FPM	480	580	690	790	850	HGT	(2268)	(1323)	(1004)	(686)	(478)	

11 OCTUBRE 2018

EL CALAFATE (SAWC)
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Carta de aproximación por instrumentos
Instrument approach chart

RNP RWY 25

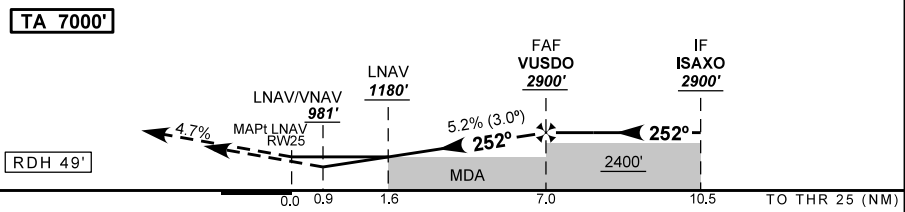
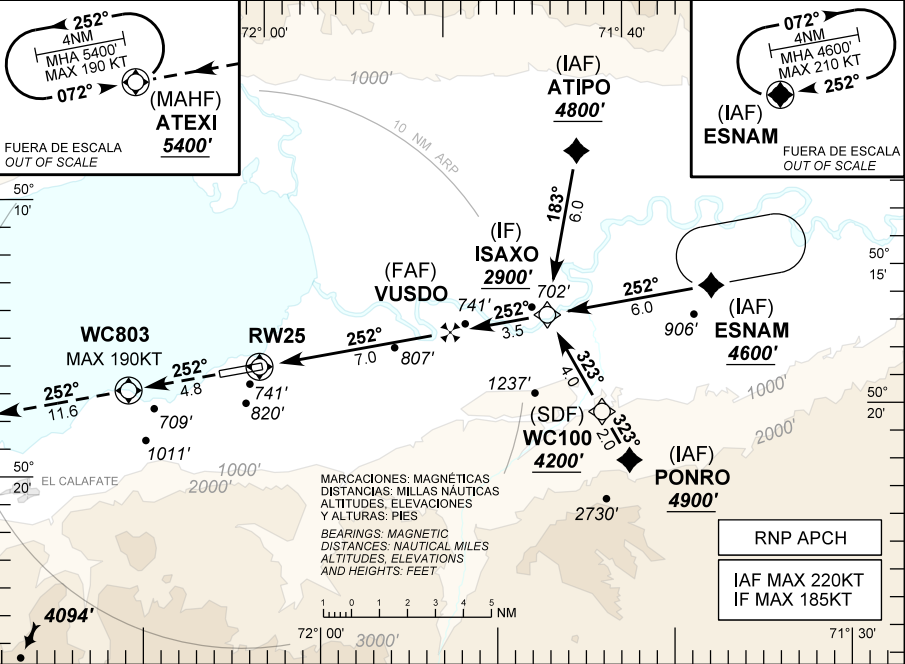
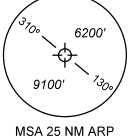
ATIS 127.85	EL CALAFATE APP 119.95 118.20		EL CALAFATE TWR 119.95 118.20		EMERG 121.50
RNP	FINAL APCH CRS 252°	ALTITUD MNM VUSDO 2900' (2268')	LNAV / VNAV DA(H) 981' (349')	AD Elev 647' THR Elev 632'	13° E (2017)

Aproximación frustrada: ASC sobre curso 252° hasta WC803, continuar hasta ATEXI alcanzando 5400 ft, HLDG y seguir instrucciones del ATC.

Missed approach: Climb on course 252° to WC803, continue to ATEXI reaching 5400 ft, HLDG and proceed as directed by ATC.

NOTA: Para sistemas Baro VNAV no compensados, debajo de -17° C o superior a 48° C N.A.

NOTE: For uncompensated Baro VNAV system N.A. below -17° C or above 48° C.



DIRECTA RWY 25 / <i>Straight in RWY 25</i>									Circulación Visual <i>Circle to land</i>			
CAT	LNAV / VNAV				LNAV							
	DA 981' DH 349'				MDA 1180' MDH 548'							
	VIS				VIS							
	1600 M				2700 M							
CAT									MDA	MDH	VIS	
A									Circulación Visual N.A. <i>Circle to land N.A.</i>			
B												
C												
D												
GS KT		90	110	130	150	160	DIST to MAPt	7.0	4.0	3.0	2.0	1.6
FAF - MAPt 7.0 NM		4:40	3:49	3:14	2:48	2:38	ALT	2900	1960	1630	1320	1180
FPM		480	580	690	790	840	HGT	(2268)	(1328)	(998)	(688)	(548)

21 ABRIL 2022

1/2 EL CALAFATE (SAWC) RNP RWY 25											
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	ATIPO	S 50°09'57.95" W 071°43'26.01"	IF	N	N/A	N/A	N/A	+4800	-220	RNP APCH	1.0
20	ISAXO	S 50°15'45.36" W 071°45'49.92"	TF	N	6.0	183 (194.9)	N/A	+2900	-185	RNP APCH	1.0
10	PONRO	S 50°21'11.22" W 071°41'52.37"	IF	N	N/A	N/A	N/A	+4900	-220	RNP APCH	1.0
20	WC100	S 50°19'22.61" W 071°43'11.65"	TF	N	2.0	323 (335.0)	N/A	+4200	-220	RNP APCH	1.0
30	ISAXO	S 50°15'45.36" W 071°45'49.92"	TF	N	4.0	323 (335.0)	N/A	+2900	-185	RNP APCH	1.0
10	ESNAM	S 50°15'10.16" W 071°36'31.34"	IF	N	N/A	N/A	N/A	+4600	-220	RNP APCH	1.0
20	ISAXO	S 50°15'45.36" W 071°45'49.92"	TF	N	6.0	252 (264.3)	N/A	+2900	-185	RNP APCH	1.0
10	ISAXO	S 50°15'45.36" W 071°45'49.92"	IF	N	N/A	N/A	N/A	+2900	-185	RNP APCH	1.0
20	VUSDO	S 50°16'05.75" W 071°51'18.57"	TF	N	3.5	252 (264.4)	N/A	+2900	N/A	RNP APCH	1.0

21 ABRIL 2022

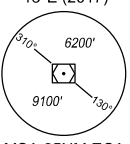
2/2 EL CALAFATE (SAWC) RNP RWY 25											
Seq Num	Fix Ident	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Alt / Descr (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP
30	RW25	S 50°16'45,08" W 072°02'07,47"	TF	Y	7.0	252 (264.5)	N/A	@681	N/A	RNP APCH	0.3
40	WC803	S 50°17'11,54" W 072°09'33,80"	TF	N	4.8	252 (264.7)	N/A	N/A	-190	RNP APCH	1.0
50	ATEXI	S 50°18'13,54" W 072°27'33,61"	TF	N	11.6	252 (264.8)	N/A	+5400	-190	RNP APCH	1.0
60	ATEXI	S 50°18'13,54" W 072°27'33,61"	HM	Y	4.0	072 (085.0)	L	+5400	-190	RNP APCH	1.0

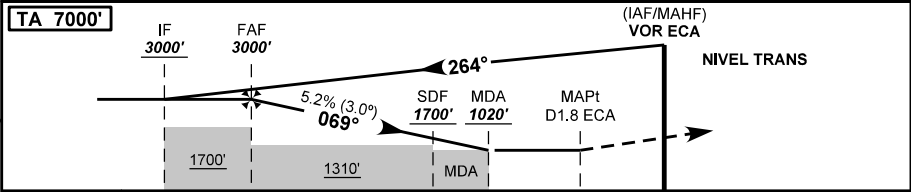
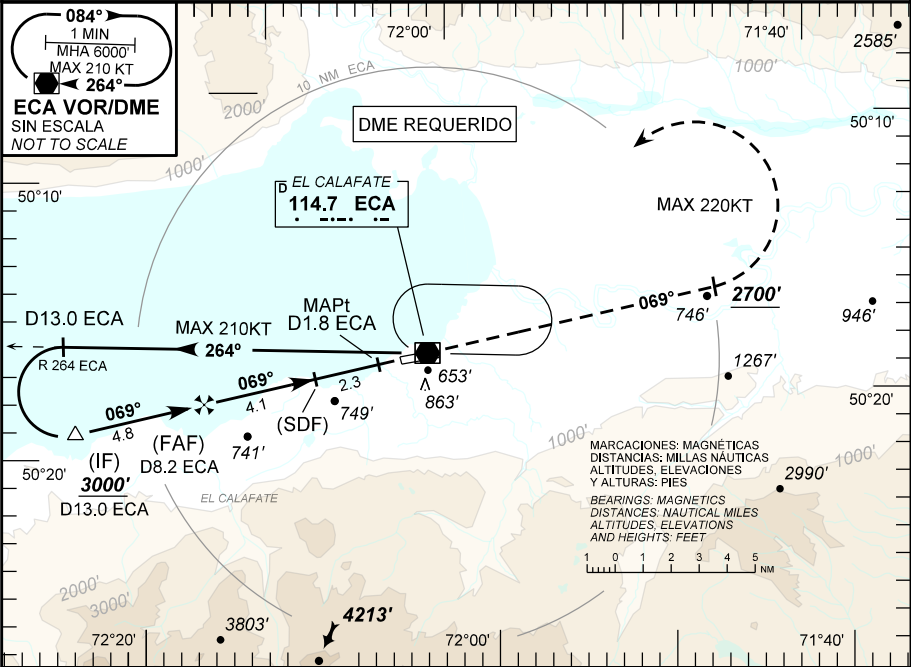
21 ABRIL 2022

EL CALAFATE (SAWC)
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Carta de aproximación por instrumentos
Instrument approach chart

VOR RWY 07

ATIS 127.85	EL CALAFATE CTL 125.35	EL CALAFATE APP 119.95 118.20	EL CALAFATE TWR 119.95 118.20	EL CALAFATE GND 121.80	EMERG 121.50
VOR ECA 114.7	FINAL APCH CRS 069°	ALTITUD MNM FAF 3000' (2353')	MDA (H) 1020' (373')	AD Elev 647' THR Elev 647'	13°E (2017)
Aproximación frustrada: ASC para 2700 ft HDG 069°, vtraje por Izquierda DCT VOR ECA para 6000 ft, HLDG y seguir instrucciones ATC. Missed approach: Climb to 2700 ft HDG 069°, turn left to ECA VOR reaching 6000 ft, HLDG or as directed by ATC.					
NOTA: NIL.		RMK: NIL.			



TO THR 07 (NM) 12.0 7.2 3.1 1.0 0.8 0									
TO ECA (DME) 13.0 8.2 4.1 2.0 1.8 1.0									
DIRECTA RWY 07 / Straight in RWY 07									
CAT	VOR/DME					Circulación Visual			
	MDA 1020'					Circle to land			
	VIS					CAT	MDA	MDH	VIS
	MDH 373'					A			
A	1900 M					B	Circulación Visual N.A.		
B						C			
C						D			
D									
GS KT	90	110	130	150	160	DIST to MAPt	6,4	4	3
FAF - MAPt 6,4 NM	4:17	3:30	2:58	2:34	2:25	ALT	3000	2225	1907
FPM	480	580	690	800	850	HGT	(2353)	(1578)	(1260)

11 OCTUBRE 2018

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Carta de aproximación por instrumentos
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RNP RWY 07

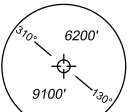
ATIS 127.85	EL CALAFATE APP 119.95 118.20		EL CALAFATE TWR 119.95 118.20		EMERG 121.50
RNP	FINAL APCH CRS 072°	ALTITUD MNM TODLO 2290' (1643')	LNAV / VNAV DA(H) 981' (334')	AD Elev 647' THR Elev 647'	13°E (2017)

Aproximación frustrada: ASC sobre curso 072° hasta ESNAM alcanzando 4600 ft, HLDG y seguir instrucciones del ATC.

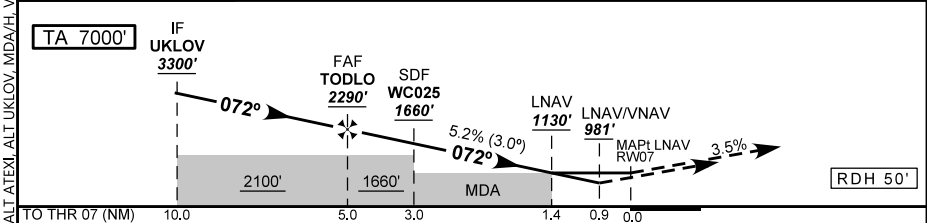
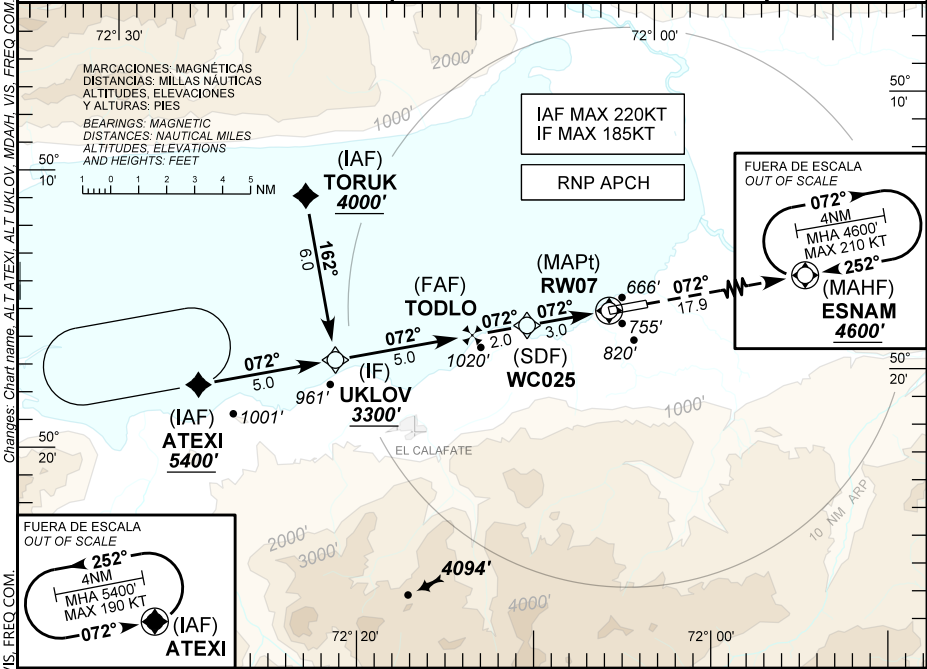
Missed approach: Climb on course 072° until ESNAM reaching 4600 ft, HLDG and proceed as directed by ATC.

NOTA: Para sistemas Baro VNAV no compensados, debajo de -17° C o superior a 48° C N.A.

NOTE: For uncompensated Baro VNAV systems N.A. below -17° C or above 48° C.



MSA 25 NM ARP



DIRECTA RWY 07 / <i>Straight in RWY 07</i>										Circulación Visual <i>Circle to land</i>			
CAT	LNAV / VNAV				LNAV								
	DA 981'		DH 334'		MDA 1130'		MDH 483'						
	VIS				VIS					CAT	MDA	MDH	VIS
	1500 M				2500 M					A	Circulación Visual N.A. <i>Circle to land N.A.</i>		
B													
C													
2700 M					D								
					D								
GS KT	90	110	130	150	160	DIST to MAPt	5.0	4.0	3.0	2.0	1.4		
FAF - MAPt 5.0 NM	3:20	2:44	2:18	2:00	1:52	ALT	2290	1970	1650	1330	1130		
FPM	480	580	690	800	850	HGT	(1643)	(1323)	(1003)	(683)	(483)		

21 ABRIL 2022

1/2 EL CALAFATE (SAWC) RNP RWY 07

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	ATEXI	S 50°18'13.54" W 072°27'33.61"	IF	N	N/A	N/A	N/A	+5400	-220	RNP APCH	1.0
20	UKLOV	S 50°17'47.13" W 072°19'47.55"	TF	N	5.0	072 (085.0)	N/A	+3300	-185	RNP APCH	1.0
10	TORUK	S 50°11'48.92" W 072°20'37.41"	IF	N	N/A	N/A	N/A	+4000	-220	RNP APCH	1.0
20	UKLOV	S 50°17'47.13" W 072°19'47.55"	TF	N	6.0	162 (174.9)	N/A	+3300	-185	RNP APCH	1.0
10	UKLOV	S 50°17'47.13" W 072°19'47.55"	IF	N	N/A	N/A	N/A	+3300	N/A	RNP APCH	1.0
20	TODLO	S 50°17'20.19" W 072°12'01.63"	TF	N	5.0	072 (084.9)	N/A	+2290	N/A	RNP APCH	1.0
30	WC025	S 50°17'09.27" W 072°08'55.30"	TF	N	2.0	072 (084.8)	N/A	+1660	N/A	RNP APCH	0.3
40	RW07	S 50°16'52.74" W 072°04'15.86"	TF	Y	3.0	072 (084.8)	N/A	@697	N/A	RNP APCH	0.3
50	ESNAM	S 50°15'10.16" W 071°36'31.34"	CF	N	17.9	072 (084.7)	N/A	+4600	N/A	RNP APCH	1.0

21 ABRIL 2022

2/2 EL CALAFATE (SAWC) RNP RWY 07

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
60	ESNAM	S 50°15'10.16" W 071°36'31.34"	HM	Y	4.0	252 (264.2)	R	+4600	-210	RNP APCH	1.0

21 ABRIL 2022