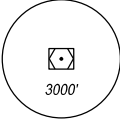
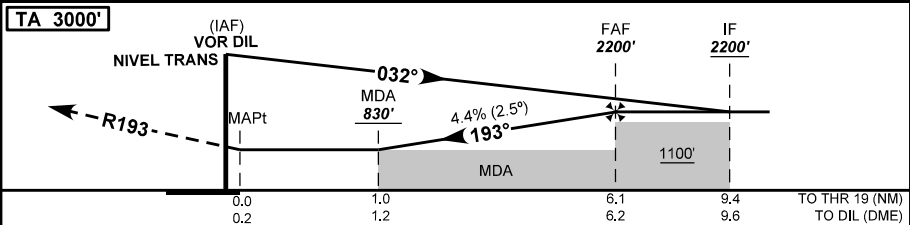
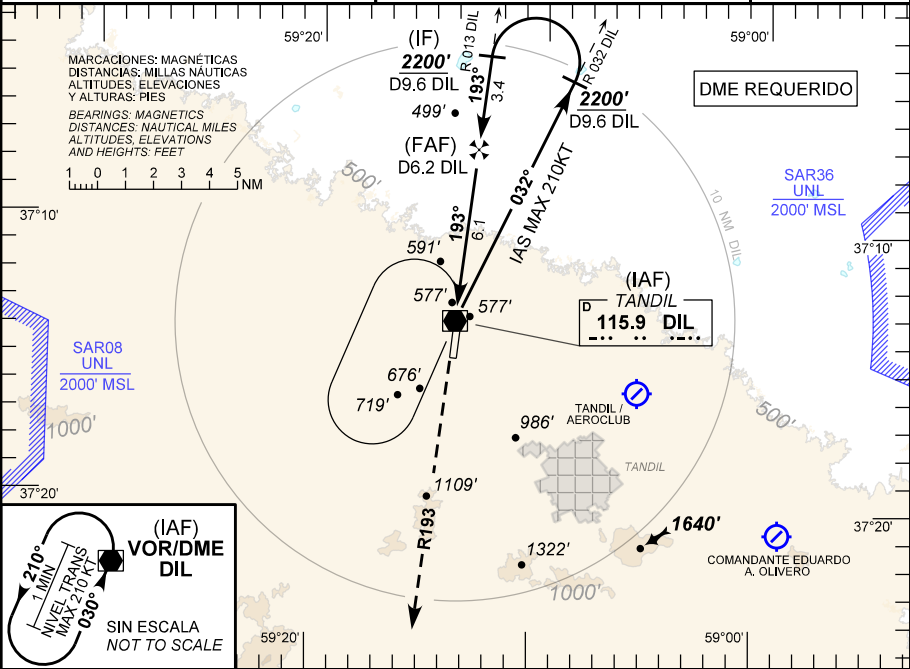


HÉROES DE MALVINAS (SAZT)
TANDIL

Carta de aproximación por instrumentos
Instrument approach chart

VOR Z RWY 19

TANDIL CTL 120.90 119.40		TANDIL APP / TVR 120.90 119.40		TANDIL GND 119.40		EMERG 121.50
VOR DIL 115.9	FINAL APCH CRS 193°	ALTITUD MNM FAF 2200' (1652')	MDA (H) 830' (282')	AD Elev 576'	THR Elev 548'	07° W (2018)
Aproximación frustrada: ASC sobre R193 DIL para 3000 ft y seguir instrucciones del ATC. Missed approach: Climb on R193 DIL to 3000 ft and proceed as directed by ATC.						 3000' MSA 25 NM DIL
NOTA: NIL.			RMK: NIL.			



DIRECTA RWY 19 / <i>Straight in RWY 19</i>								Circulación Visual <i>Circle to land</i>			
CAT	VOR/DME										
	MDA 830'			MDH 282'							
VIS								CAT	MDA	MDH	VIS
A	1600 M							A	980'	404'	1900 M
B								B	1060'	494'	2800 M
C								C	1380'	804'	3700 M
D	1800 M							D	1510'	934'	4600 M
GS KT	90	110	130	150	160	DIST to MAPt	6.1	5	3	2	1.0
FAF - MAPt 6.1 NM	4:02	3:18	2:48	2:25	2:16	ALT	2200	1910	1380	1120	830
FPM	400	490	580	660	710	HGT	(1652)	(1362)	(832)	(572)	(282)

HÉROES DE MALVINAS (SAZT)
TANDIL

Carta de aproximación por instrumentos
Instrument approach chart

RNP RWY 19

TANDIL TWR
120.90 119.40

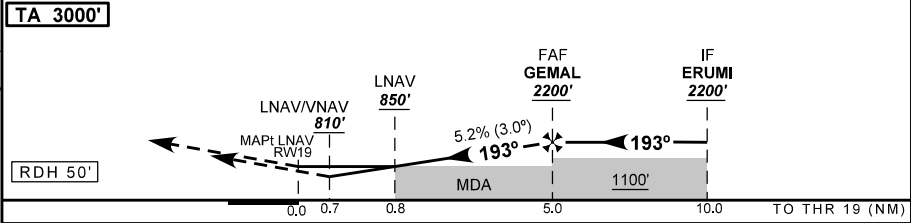
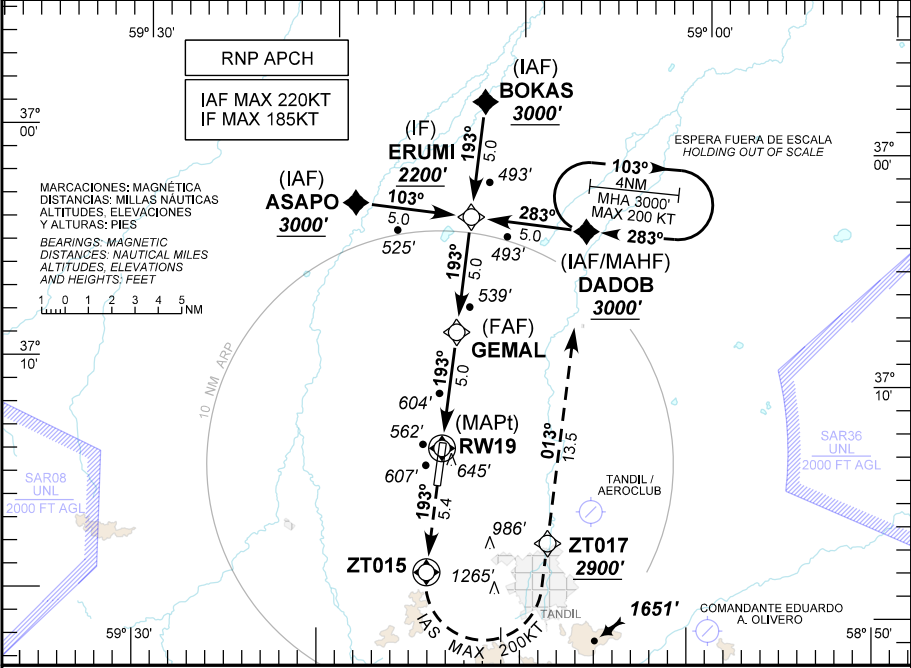
EMERG
121.50

RNP	FINAL APCH CRS 193°	ALTITUD MNM GEMAL 2200' (1652')	LNAV / VNAV DA(H) 810' (262')	AD Elev 576'	THR Elev 548'	08° W (2025)
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Aproximación frustrada: ASC sobre curso 193° hasta ZT015, viraje izquierda DCT ZT017 alcanzando MNM 2900 ft, luego seguir sobre curso 013° hasta DADOB a 3000 ft, HLDG y seguir instrucciones del ATC.
Missed approach: Climb on track 193° to ZT015, turn left DCT ZT017 reaching MNM 2900 ft, then continue on track 013° to DADOB at 3000 ft, HLDG and proceed as directed by ATC.

Para sistemas Baro VNAV no compensados, debajo de -10° C superior a 50° C N.A.
For uncompensated Baro VNAV system N.A. below -10° C or above 50° C.

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 810' OCA 810'		DH 262' OCH 262'		MDA 850' OCA 850'		MDH 302' OCH 302'					
	VIS				VIS							
A	1300 M				1400 M							
B												
C												
D												
GS KT	90	110	130	150	160	DIST to MAPt	5.0	4.0	3.0	2.0	0.8	
FAF - MAPt 5.0 NM	3:20	2:44	2:18	2:00	1:53	ALT	2200	1870	1550	1230	850	
FPM	480	590	690	800	850	HGT	(1652)	(1322)	(1002)	(682)	(302)	

1/2 HEROES DE MALVINAS (SAZT) RNP RWY 19

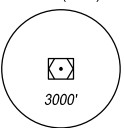
Seq Num	Fix Ident	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Alt / Descr	Speed Limit (Kt)	Navigation Specification	RNP
10	BOKAS	S 36°58'23.12" W 059°11'58.78"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	ERUMI	S 37°03'22.35" W 059°12'31.55"	TF	N	5.0	193 (185.0)	N/A	+2200	-185	RNP APCH	1.0
10	DADOB	S 37°03'48.81" W 059°06'18.20"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	ERUMI	S 37°03'22.35" W 059°12'31.55"	TF	N	5.0	283 (275.0)	N/A	+2200	-185	RNP APCH	1.0
10	ASAPO	S 37°02'55.57" W 059°18'44.83"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	ERUMI	S 37°03'22.35" W 059°12'31.55"	TF	N	5.0	103 (095.1)	N/A	+2200	-185	RNP APCH	1.0
10	ERUMI	S 37°03'22.35" W 059°12'31.55"	IF	N	N/A	N/A	N/A	+2200	-185	RNP APCH	1.0
20	GEMAL	S 37°08'21.55" W 059°13'04.80"	TF	N	5.0	193 (185.1)	N/A	+2200	N/A	RNP APCH	1.0
30	RW19	S 37°13'22.56" W 059°13'38.32"	TF	N	5.0	193 (185.1)	N/A	@598	N/A	RNP APCH	0.3
40	ZT015	S 37°18'44.31" W 059°14'14.24"	CF	Y	5.4	193 (185.1)	N/A	N/A	N/A	RNP APCH	1.0

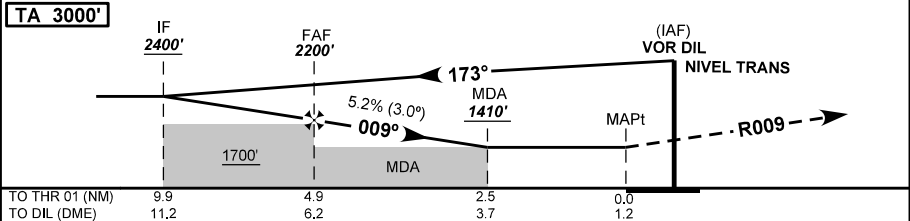
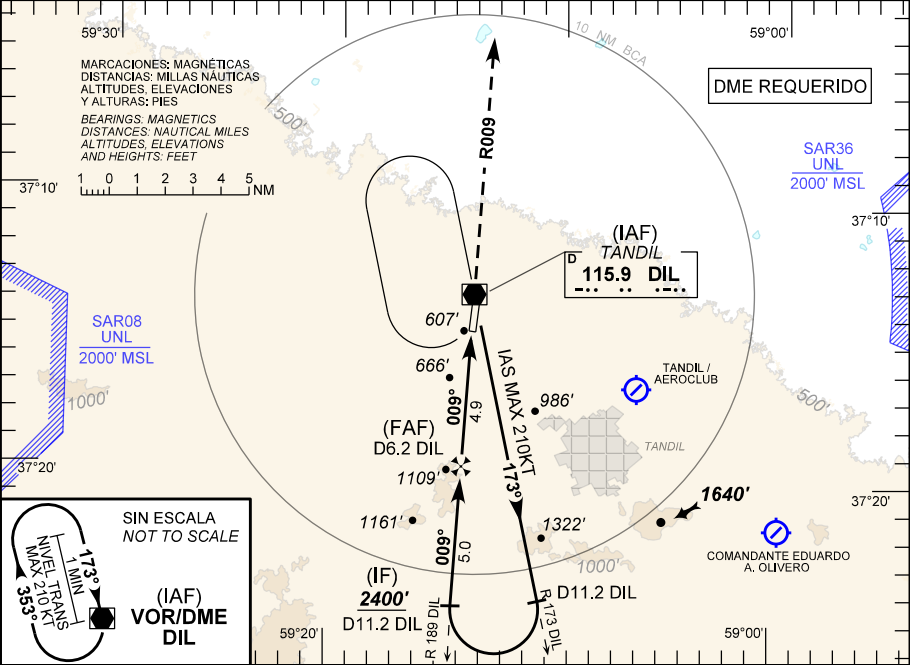
2/2 HEROES DE MALVINAS (SAZT) RNP RWY 19											
Seq Num	Fix Ident	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Alt / Descr	Speed Limit (Kt)	Navigation Specification	RNP
50	ZT017	S 37°17'18.65" W 059°07'46.90"	DF	N	N/A	N/A	L	+2900	-200	RNP APCH	1.0
60	DADOB	S 37°03'48.81" W 059°06'18.20"	TF	N	13.5	013 (005.0)	N/A	+3000	N/A	RNP APCH	1.0
70	DADOB	S 37°03'48.81" W 059°06'18.20"	HM	Y	4.0	283 (275.1)	R	+3000	-210	RNP APCH	1.0

HÉROES DE MALVINAS (SAZT)
TANDIL

Carta de aproximación por instrumentos
Instrument approach chart

VOR Z RWY 01

TANDIL CTL 120.90 119.40		TANDIL APP / TWR 120.90 119.40		TANDIL GND 119.40		EMERG 121.50
VOR DIL 115.9	FINAL APCH CRS 009°	ALTITUD MNM FAF 2200' (1624')	MDA (H) 1410' (834')	AD Elev 576'	THR Elev 575'	07° W (2018)
Aproximación frustrada: ASC sobre R009 DIL hasta 3000 ft y seguir instrucciones del ATC. Missed approach: Climb on R009 DIL to 3000 ft and proceed as directed by ATC.						
NOTA: NIL.			RMK: NIL.			MSA 25 NM DIL



CAT	DIRECTA RWY 01 / <i>Straight in RWY 01</i>							Circulación Visual <i>Circle to land</i>				
	VOR/DME											
	MDA 1410'			MDH 834'								
	VIS							CAT	MDA	MDH	VIS	
A	4000 M							A	1410'	834'	4000 M	
B								B	1410'	834'	4000 M	
C	4200 M							C	1410'	834'	4200 M	
D								D	1510'	934'	4600 M	
GS KT		90	110	130	150	160	DIST to MAPt	4,9	4,5	4,0	3,0	2,5
FAF - MAPt 4,9 NM		3:18	2:42	2:17	1:59	1:51	ALT	2200	2059	1900	1581	1410
FPM		480	580	690	800	850	HGT	(1624)	(1483)	(1324)	(1005)	(834)

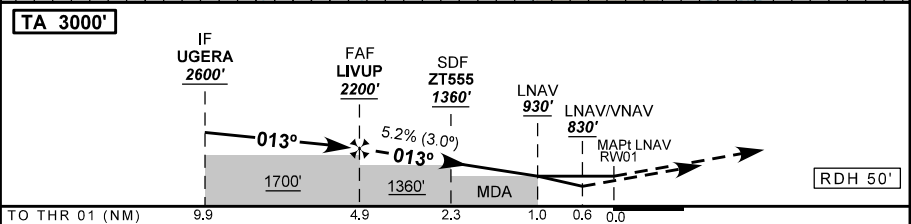
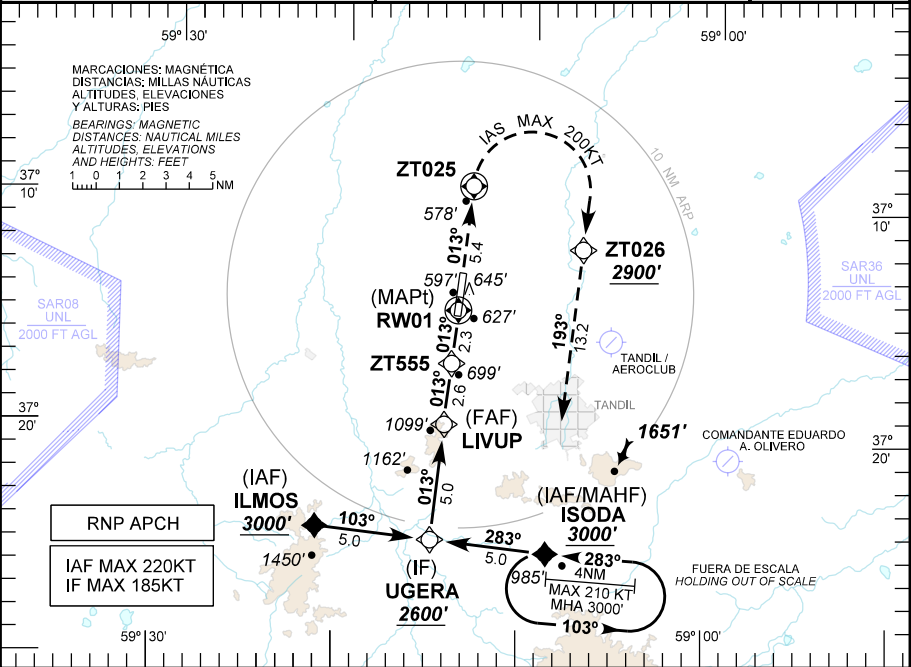
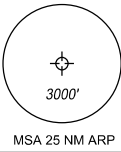
31 ENERO 2019

HÉROES DE MALVINAS (SAZT)
TANDIL

Carta de aproximación por instrumentos
Instrument approach chart

RNP RWY 01
EMERG
121.50

TANDIL TWR 120.90 119.40					
RNP	FINAL APCH CRS 013°	ALTITUD MNM LIVUP 2200' (1624')	LNAV / VNAV DA(H) 830' (254')	AD Elev 576' THR Elev 576'	08° W (2025)
Aproximación frustrada: ASC sobre curso 013° hasta ZT025, virar a la derecha DCT ZT026 alcanzando MNM 2900 ft, continuar sobre curso 193° hasta ISODA MNM 3000 ft, HLDG y seguir instrucciones del ATC. Missed approach: Climb on course 013° to ZT025, turn right DCT ZT026 reaching MNM 2900 ft, continue on course 193° to ISODA MNM 3000 ft, HLDG and proceed as directed by ATC.					
Para sistemas Baro VNAV no compensados, debajo de -10 °C superior a 50 °C N.A.			For uncompensated Baro VNAV system N.A. below -10 °C or above 50 °C.		



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 830' OCA 830'		DH 254' OCH 254'		MDA 930' OCA 930'		MDH 354' OCH 354'							
	VIS					VIS								
	A	1300 M					1600 M							
B														
C														
D														
GS KT		90	110	130	150	160	DIST to MAPt	4.9	4.0	3.0	2.0	1.0		
FAF - MAPt 4.9 NM		3:16	2:40	2:16	1:58	1:50	ALT	2200	1900	1580	1280	930		
FPM		480	580	690	800	850	HGT	(1624)	(1324)	(1004)	(684)	(354)		

1/2 HEROES DE MALVINAS (SAZT)

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	ISODA	S 37°25'06.56" W 059°08'38.95"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	UGERA	S 37°24'39.99" W 059°14'54.04"	TF	N	5.0	283 (275.0)	N/A	+2600	-185	RNP APCH	1.0
10	ILMOS	S 37°24'13.08" W 059°21'09.06"	IF	N	N/A	N/A	N/A	+3000	-220	RNP APCH	1.0
20	UGERA	S 37°24'39.99" W 059°14'54.04"	TF	N	5.0	103 (095.2)	N/A	+2600	-185	RNP APCH	1.0
10	UGERA	S 37°24'39.99" W 059°14'54.04"	IF	N	N/A	N/A	N/A	+2600	-185	RNP APCH	1.0
20	LIVUP	S 37°19'40.81" W 059°14'20.55"	TF	N	5.0	013 (005.1)	N/A	+2200	N/A	RNP APCH	1.0
30	ZT555	S 37°17'02.99" W 059°14'02.92"	TF	N	2.6	013 (005.1)	N/A	+1360	N/A	RNP APCH	0.3
40	RW01	S 37°14'44.96" W 059°13'47.51"	TF	Y	2.3	013 (005.1)	N/A	@626	N/A	RNP APCH	0.3
50	ZT025	S 37°09'23.22" W 059°13'11.66"	CF	Y	5.4	013 (005.1)	N/A	N/A	N/A	RNP APCH	1.0
60	ZT026	S37°11'58.10" W 059°07'11.04"	DF	N	N/A	N/A	R	+2900	-200	RNP APCH	1.0

2/2 HEROES DE MALVINAS (SAZT)
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
70	ISODA	S 37°25'06.56" W 059°08'38.95"	TF	N	13.2	193 (185.1)	N/A	+3000	N/A	RNP APCH	1.0
80	ISODA	S 37°25'06.56" W 059°08'38.95"	HM	Y	4.0	283 (275.1)	L	+3000	-210	RNP APCH	1.0