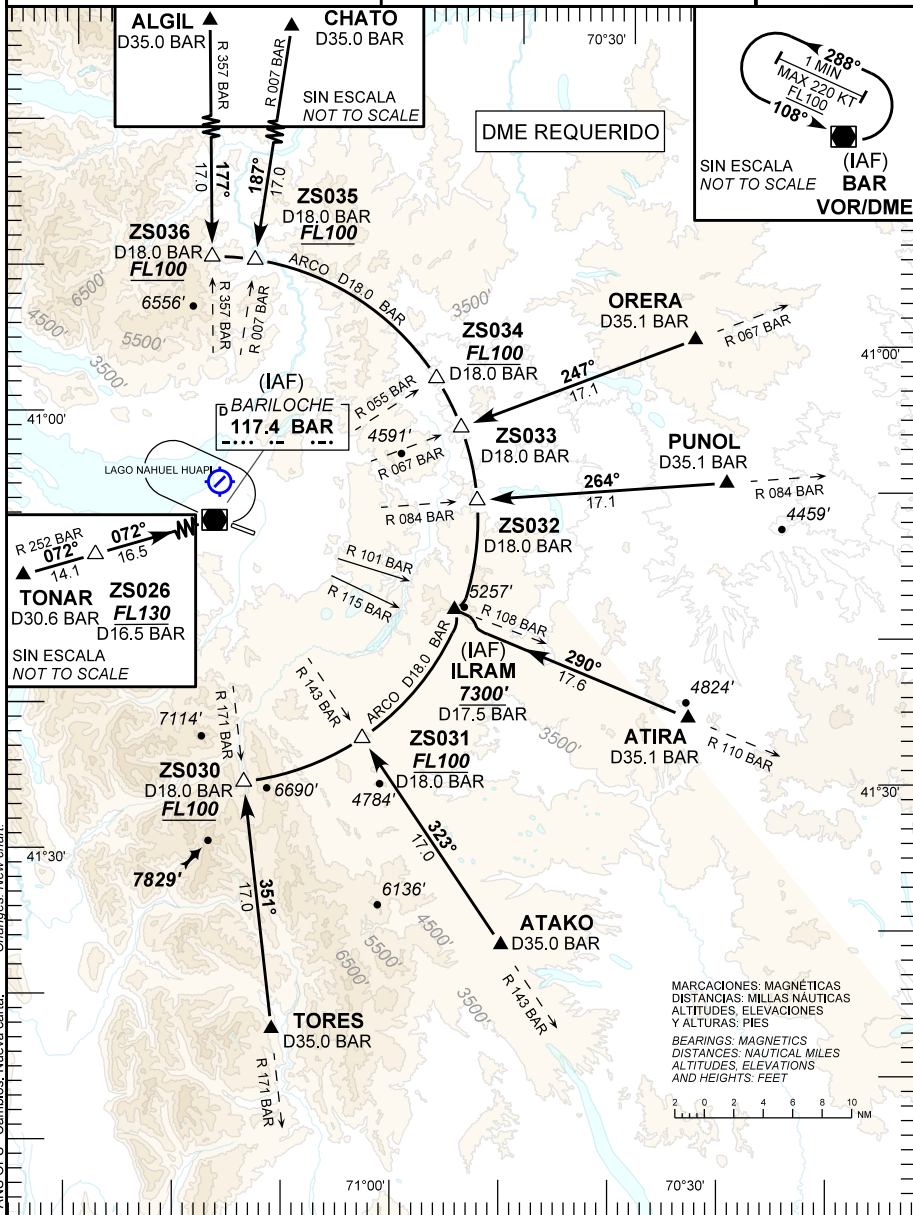
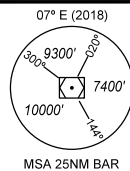


SAN CARLOS DE BARILOCHE (SAZS)**RÍO NEGRO**

ALGIL 1N - ATAKO 1N - ATIRA 1N - CHATO 1N - ORERA 1N - PUNOL 1N - TONAR 1N - TORES 1N

STAR RWY 29

Requiere Certificación Certification required				AD ELEV	2761'
N/A				TRANS ALT	8000'
ATIS 127.90	BARILOCHE CTL 119.10 118.65	BARILOCHE APP 119.10 118.65	BARILOCHE TWR 119.10 118.65	EMERG	121.50
NOTA: Nivel de Transición asignado por ATC.				RMK: Transition level assigned by ATC.	



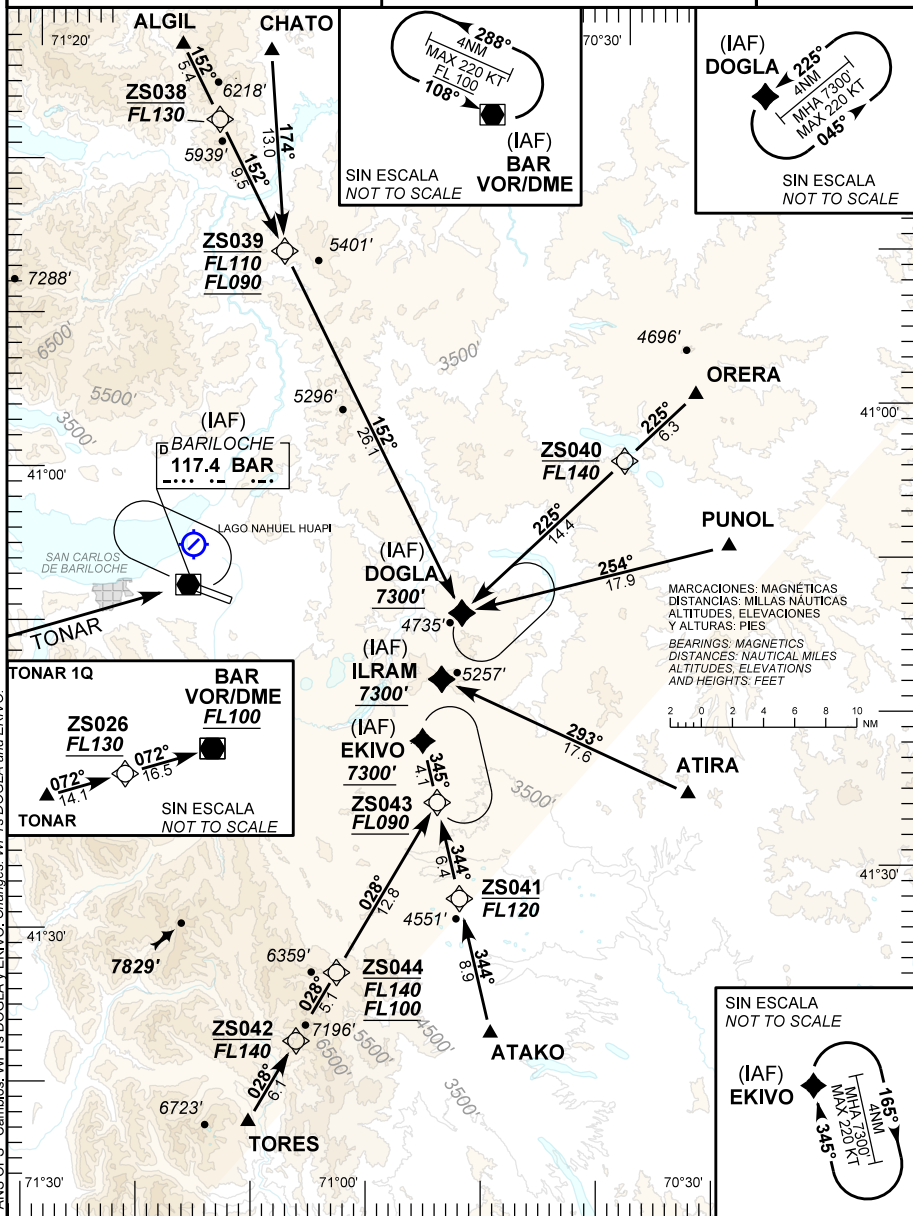
DISEÑO EANA S.E. - NAVEGACIÓN AEREA ARGENTINA

DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS - DINA

STAR RNP RWY 29

ALGIL 1Q - ATA KO 1Q - ATIRA 1Q - CHATO 1Q - ORERA 1Q - PUNOL 1Q - TONAR 1Q - TORES 1Q

Requiere Certificación <i>Certification required</i>						AD ELEV 2761'	
RNP 1 / RNAV 1 GNSS						TRANS ALT 8000'	
ATIS 127.90	BARILOCHE CTL 119.10 118.65	BARILOCHE APP 119.10 118.65	BARILOCHE TWR 119.10 118.65	EMERG 121.50			
NOTA: Nivel de Transición asignado por ATC.			RMK: Transition level assigned by ATC.			MSA 25NM ARP	



DISÑO EANA S.E. - NAVEGACIÓN AÉREA ARGENTINA

DIRECCIÓN REGUIACIÓN NORMAS Y PROCEDIMIENTOS - DNINA

SAN CARLOS DE BARILOCHE (SAZS) STAR RNP RWY 29	
ALGIL 1Q - ATAKO 1Q - ATIRA 1Q - CHATO 1Q - ORERA 1Q - PUNOL 1Q - TONAR 1Q - TORES 1Q	
FIX IDENT	COORDINATES
BAR	41°08'24.94" S 071°11'20.38" W
ALGIL	40°33'29.00" S 071°08'19.00" W
ZS038	40°38'30.46" S 071°05'40.50" W
ZS039	40°47'19.14" S 071°01'01.47" W
DOGLA	41°11'31.78" S 070°48'07.88" W
CHATO	40°34'19.00" S 071°00'53.00" W
ORERA	40°58'26.00" S 070°26'51.00" W
ZS040	41°02'25.89" S 070°33'19.24" W
PUNOL	41°08'22.00" S 070°24'52.00" W
ATIRA	41°24'13.00" S 070°29'47.00" W
ILRAM	41°15'43.00" S 070°50'16.00" W
ATAKO	41°38'49.00" S 070°48'13.00" W
ZS041	41°29'58.77" S 070°50'04.71" W
EKIVO	41°19'37.10" S 070°52'15.02" W
TORES	41°43'24.00" S 071°09'40.00" W
ZS042	41°38'24.88" S 071°05'01.89" W
ZS044	41°34'11.29" S 071°01'06.80" W
ZS043	41°23'39.86" S 070°51'24.21" W
TONAR	41°14'30.00" S 071°51'00.00" W
ZS026	41°11'43.38" S 071°32'41.86" W

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1/4 SAN CARLOS DE BARILOCHE (SAZS) STAR RNP RWY 29												
ALGIL 1Q - ATAKO 1Q - ATIRA 1Q - CHATO 1Q - ORERA 1Q - PUNOL 1Q - TONAR 1Q - TORES 1Q												
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Altitude Description	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2018)
010	ALGIL	IF	N	N/A	N/A	N/A	N/A	N/A	N/A	RNAV1 or RNP1	1.0	7 E
020	ZS038	TF	N	5.4	152 (158.1)	N/A	FL 130	-	N/A	RNAV1 or RNP1	1.0	7 E
030	ZS039	TF	N	9.5	152 (158.1)	N/A	FL 110 FL 090	- +	N/A	RNAV1 or RNP1	1.0	7 E
040	DOGLA	TF	N	26.1	152 (158.0)	N/A	7300	+	N/A	RNAV1 or RNP1	1.0	7 E
010	CHATO	IF	N	N/A	N/A	N/A	N/A	N/A	N/A	RNAV1 or RNP1	1.0	7 E
020	ZS039	TF	N	13.0	174 (180.5)	N/A	FL 110 FL 090	- +	N/A	RNAV1 or RNP1	1.0	7 E
030	DOGLA	TF	N	26.1	152 (158.0)	N/A	7300	+	N/A	RNAV1 or RNP1	1.0	7 E

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2/4 SAN CARLOS DE BARILOCHE (SAZS) STAR RNP RWY 29												
ALGIL 1Q - ATAKO 1Q - ATIRA 1Q - CHATO 1Q - ORERA 1Q - PUNOL 1Q - TONAR 1Q - TORES 1Q												
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Altitude Description	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2018)
010	ORERA	IF	N	N/A	N/A	N/A	N/A	N/A	N/A	RNAV1 or RNP1	1.0	7 E
020	ZS040	TF	N	6.3	225 (230.8)	N/A	FL 140	-	N/A	RNAV1 or RNP1	1.0	7 E
030	DOGLA	TF	N	14.4	225 (231.0)	N/A	7300	+	N/A	RNAV1 or RNP1	1.0	7 E
010	PUNOL	IF	N	N/A	N/A	N/A	N/A	N/A	N/A	RNAV1 or RNP1	1.0	7 E
020	DOGLA	TF	N	17.9	254 (259.9)	N/A	7300	+	N/A	RNAV1 or RNP1	1.0	7 E
010	ATIRA	IF	N	N/A	N/A	N/A	N/A	N/A	N/A	RNAV1 or RNP1	1.0	7 E
020	ILRAM	TF	N	17.6	293 (298.9)	N/A	7300	+	N/A	RNAV1 or RNP1	1.0	7 E
010	ATAKO	IF	N	N/A	N/A	N/A	N/A	N/A	N/A	RNAV1 or RNP1	1.0	7 E

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3/4 SAN CARLOS DE BARILOCHE (SAZS) STAR RNP RWY 29												
ALGIL 1Q - ATAKO 1Q - ATIRA 1Q - CHATO 1Q - ORERA 1Q - PUNOL 1Q - TONAR 1Q - TORES 1Q												
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Altitude Description	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2018)
020	ZS041	TF	N	8.9	344 (351.0)	N/A	FL 120	-	N/A	RNAV1 or RNP1	1.0	7 E
030	ZS043	TF	N	6.4	344 (351.0)	N/A	FL 090	+	N/A	RNAV1 or RNP1	1.0	7 E
040	EKIVO	TF	N	4.1	345 (351.0)	N/A	7300	+	N/A	RNAV1 or RNP1	1.0	7 E
010	TORES	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV1 or RNP1	1.0	7 E
020	ZS042	TF	N	6.1	028 (034.9)	N/A	FL 140	-	N/A	RNAV1 or RNP1	1.0	7 E
030	ZS044	TF	N	5.1	028 (034.8)	N/A	FL 140 FL 100	- +	N/A	RNAV1 or RNP1	1.0	7 E
040	ZS043	TF	N	12.8	028 (034.7)	N/A	FL 090	+	N/A	RNAV1 or RNP1	1.0	7 E
050	EKIVO	TF	N	4.1	345 (351.0)	N/A	7300	+	N/A	RNAV1 or RNP1	1.0	7 E

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4/4 SAN CARLOS DE BARILOCHE (SAZS) STAR RNP RWY 29												
ALGIL 1Q - ATAKO 1Q - ATIRA 1Q - CHATO 1Q - ORERA 1Q - PUNOL 1Q - TONAR 1Q - TORES 1Q												
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Altitude Description	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2018)
010	TONAR	IF	N	N/A	N/A	N/A	N/A	N/A	N/A	RNAV1 or RNP1	1.0	7 E
020	ZS026	TF	N	14.1	072 (078.5)	N/A	FL 130	+	N/A	RNAV1 or RNP1	1.0	7 E
030	BAR	TF	N	16.5	072 (078.3)	N/A	FL 100	+	N/A	RNAV1 or RNP1	1.0	7 E

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