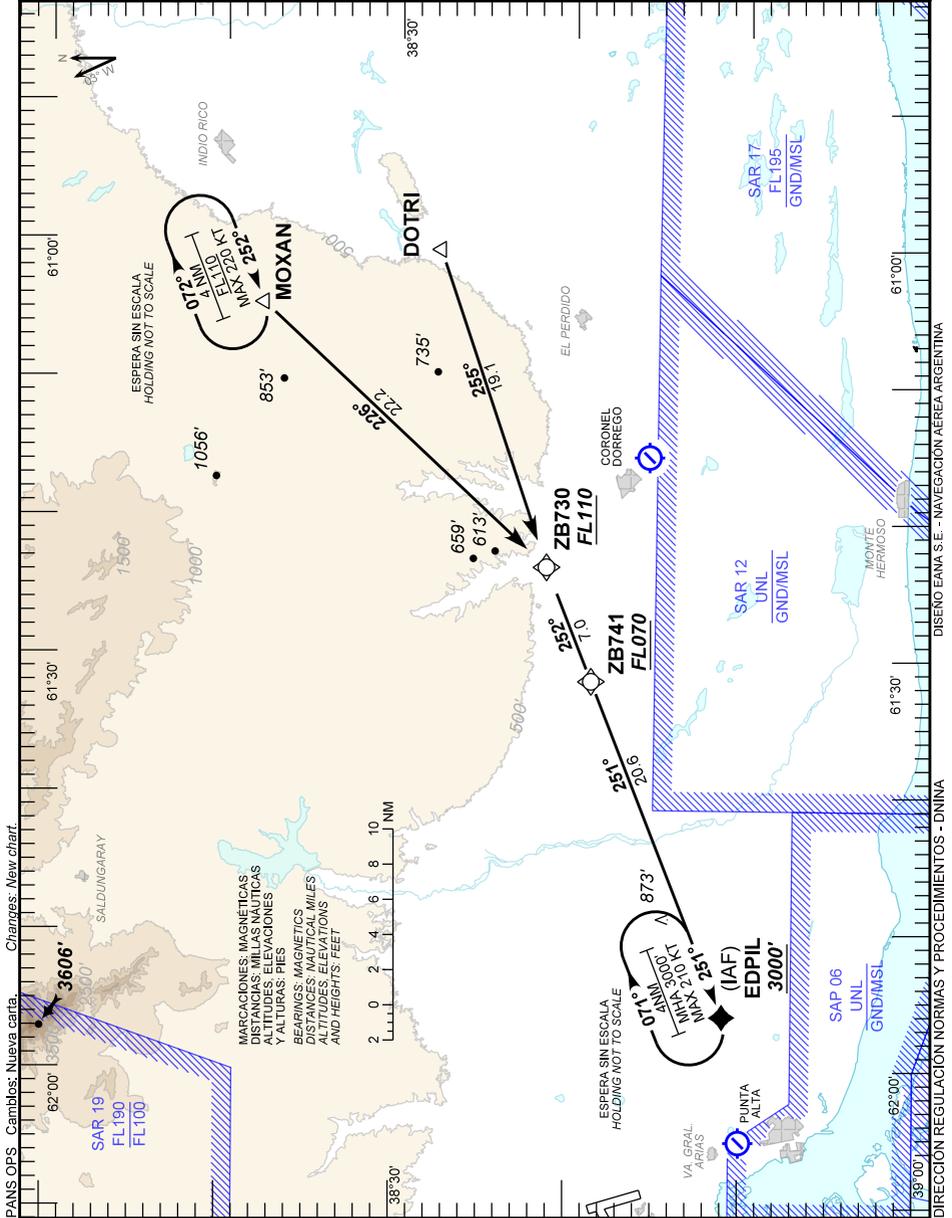
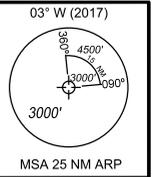


COMANDANTE ESPORA (SAZB)
BAHÍA BLANCA

STAR RNP RWY 35 R
DOTRI 1U - MOXAN 1U

Requiere Certificación Certification required			AD ELEV	248'
RNP 1 / RNAV 1 GNSS			TRANS ALT	3000'
BAHÍA CTL	BAHÍA APP	BAHÍA TWR	EMERG	
124.80	119.15 118.10	119.15 118.10	121.50	
NOTA: Nivel de Transición asignado por ATC.		RMK: Transition level assigned by ATC.		



Changes: New chart.

31 ENERO 2019

COMANDANTE ESPORA (SAZB) STAR RNP RWY 35R

DOTRI 1U – MOXAN 1U

FIX IDENT	COORDINATES
DOTRI	38°32'24.00" S 061°00'28.00" W
MOXAN	38°22'18.00" S 061°04'27.00" W
ZB730	38°38'43.06" S 061°23'26.84" W
EDPIL	38°49'02.74" S 061°56'05.90" W
ZB741	38°41'21.35" S 061°31'43.63" W

31 ENERO 2019

1/1 COMANDANTE ESPORA (SAZB) STAR RNP RWY 35R**DOTRI 1U – MOXAN 1U**

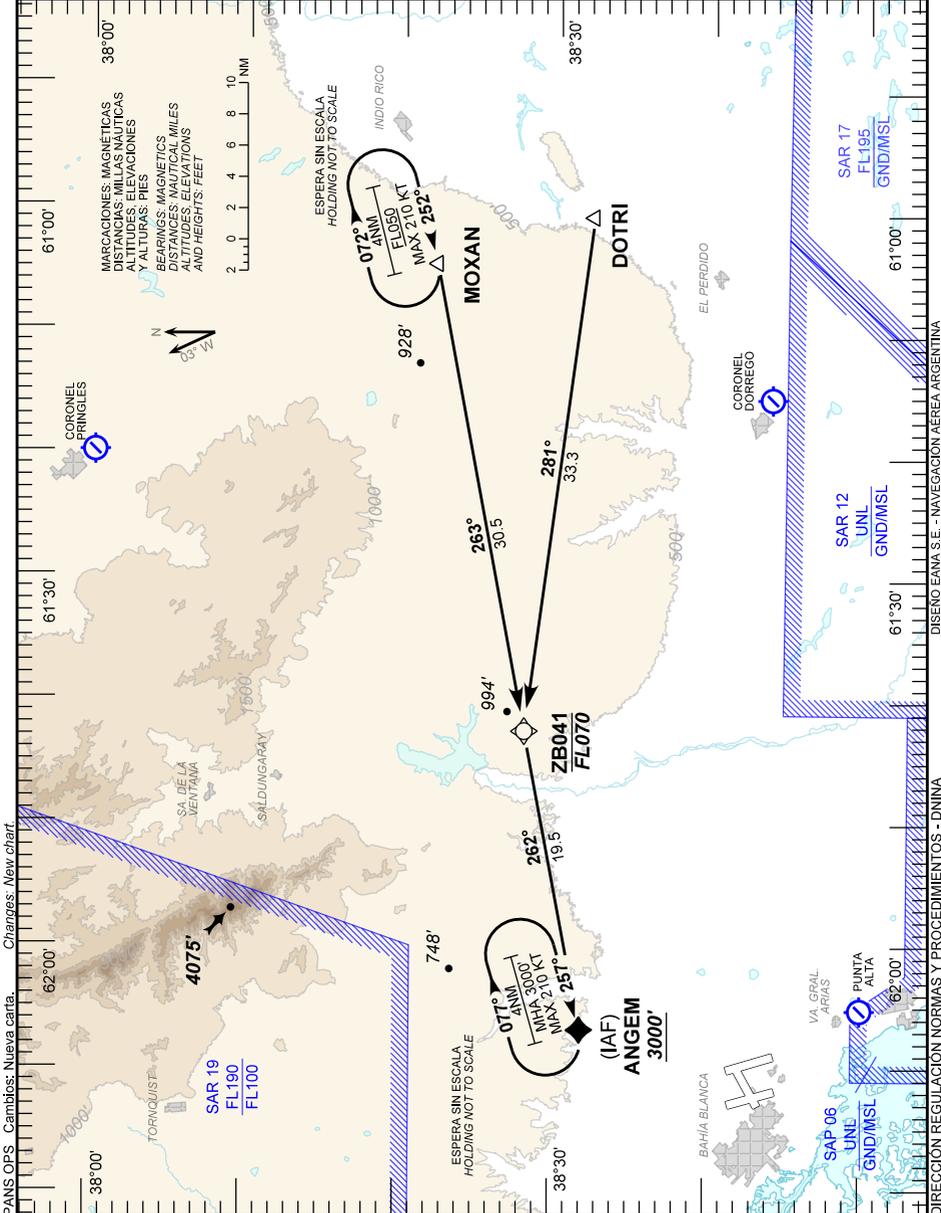
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Altitude Description	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2017)
010	MOXAN	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB730	TF	N	22.2	226 (222.4)	N/A	FL 110	+	N/A	RNAV 1 or RNP1	1.0	3 W
030	ZB741	TF	N	7.0	252(247.9)	N/A	FL 070	+	N/A	RNAV 1 or RNP1	1.0	3 W
040	EDPIL	TF	N	20.6	251(248.2)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	DOTRI	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB730	TF	N	19.1	255 (250.8)	N/A	FL 110	+	N/A	RNAV 1 or RNP1	1.0	3 W
030	ZB741	TF	N	7.0	252(247.9)	N/A	FL 070	+	N/A	RNAV 1 or RNP1	1.0	3 W
040	EDPIL	TF	N	20.6	251(248.2)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

COMANDANTE ESPORA (SAZB)
BAHÍA BLANCA

STAR RNP RWY 17L
DOTRI 1Q - MOXAN 1Q

Requiere Certificación <i>Certification required</i>			AD ELEV	248'
RNP 1 / RNAV 1 GNSS			TRANS ALT	3000'
BAHÍA CTL	BAHÍA APP		BAHÍA TWR	EMERG
124.80	119.15 118.10		119.15 118.10	121.50
NOTA: Nivel de Transición asignado por ATC.		RMK: Transition level assigned by ATC.		
				03° W (2017) MSA 25 NM ARP



PANS OPS Cambios: Nueva carta.

31 ENERO 2019

COMANDANTE ESPORA (SAZB) STAR RNP RWY 17L
DOTRI 1Q - MOXAN 1Q

FIX IDENT	COORDINATES
DOTRI	38°32'24.00" S 061°00'28.00" W
MOXAN	38°22'18.00" S 061°04'27.00" W
ANGEM	38°31'59.25" S 062°06'54.12" W
ZB041	38°28'16.47" S 061°42'30.41" W

31 ENERO 2019

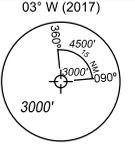
COMANDANTE ESPORA (SAZB) STAR RNP RWY 17L**DOTRI 1Q - MOXAN 1Q**

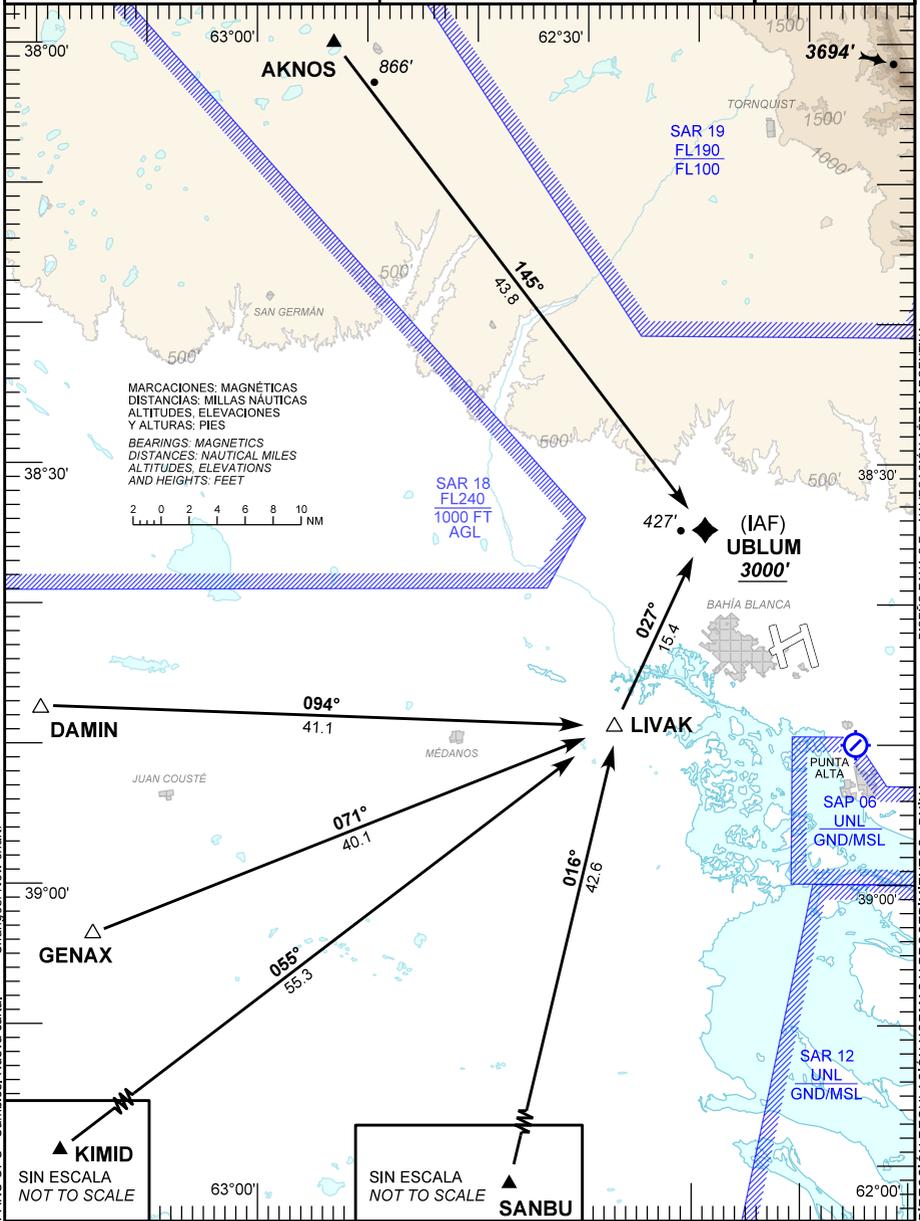
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Altitude Description	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2017)
010	MOXAN	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB041	TF	N	30.5	263 (258.9)	N/A	FL 070	-	N/A	RNAV 1 or RNP1	1.0	3 W
030	ANGEM	TF	N	19.5	262 (259.2)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	DOTRI	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB041	TF	N	33.3	281 (277.3)	N/A	FL 070	-	N/A	RNAV 1 or RNP1	1.0	3 W
030	ANGEM	TF	N	19.5	262 (259.2)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

COMANDANTE ESPORA (SAZB)
BAHÍA BLANCA

STAR RNP RWY 17L
AKNOS 1Q - DAMIN 1Q - GENAX 1Q - KIMID 1Q - SANBU 1Q

Requiere Certificación <i>Certification required</i>			AD ELEV 248'	03° W (2017) 
RNP 1 / RNAV 1 GNSS			TRANS ALT 3000'	
BAHÍA CTL 124.80	BAHÍA APP 119.15 118.10	BAHÍA TWR 119.15 118.10	EMERG 121.50	MSA 25 NM ARP
NOTA: Nivel de Transición asignado por ATC.		RMK: Transition level assigned by ATC.		



COMANDANTE ESPORA (SAZB) STAR RNP RWY 17L
AKNOS 1Q - DAMIN 1Q - GENAX 1Q - KIMID 1Q - SANBU 1Q

FIX IDENT	COORDINATES
DAMIN	38°47'21.00" S 063°19'50.00" W
AKNOS	38°00'05.00" S 062°53'04.00" W
LIVAK	38°48'50.00" S 062°27'20.00" W
GENAX	39°03'37.00" S 063°15'07.00" W
KIMID	39°22'22.00" S 063°23'52.00" W
SANBU	39°30'19.00" S 062°39'58.00" W
UBLUM	38°34'47.38" S 062°19'08.43" W

31 ENERO 2019

1/2 COMANDANTE ESPORA (SAZB) STAR RNP RWY 17L
AKNOS 1Q - DAMIN 1Q - GENAX 1Q - KIMID 1Q - SANBU 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 2017)
010	DAMIN	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	LIVAK	TF	N	41.1	094 (091.8)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
030	UBLUM	TF	N	15.4	027 (024.5)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	GENAX	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	LIVAK	TF	N	40.1	071 (068.1)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
030	UBLUM	TF	N	15.4	027 (024.5)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	KIMID	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	LIVAK	TF	N	55.3	055 (052.4)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

2/2 COMANDANTE ESPORA (SAZB) STAR RNP RWY 17L
AKNOS 1Q - DAMIN 1Q - GENAX 1Q - KIMID 1Q - SANBU 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 2017)
030	UBLUM	TF	N	15.4	027 (024.5)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	SANBU	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	LIVAK	TF	N	42.6	016 (013.3)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
030	UBLUM	TF	N	15.4	027 (024.5)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	AKNOS	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	UBLUM	TF	N	43.8	145 (142.2)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

COMANDANTE ESPORA (SAZB) STAR RNP RWY 06

DOTRI 1X – MOXAN 1X – MOXAN 2X

FIX IDENT	COORDINATES
MOXAN	38°22'18.00" S 061°04'27.00" W
ZB730	38°38'43.06" S 061°23'26.84" W
ZB001	38°47'41.04" S 062°07'35.29" W
NILVU	38°52'54.32" S 062°18'52.50" W
DOTRI	38°32'24.00" S 061°00'28.00" W
ZB041	38°28'16.47" S 061°42'30.41" W
DAPKI	38°44'09.81" S 062°25'06.42" W

31 ENERO 2019

1/2 COMANDANTE ESPORA (SAZB) STAR RNP RWY 06**DOTRI 1X – MOXAN 1X – MOXAN 2X**

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 2017)
010	MOXAN	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB730	TF	N	22.2	226 (222.4)	N/A	FL 050	+	N/A	RNAV 1 or RNP1	1.0	3 W
030	ZB001	TF	N	35.7	259 (255.7)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
040	NILVU	TF	N	10.2	242 (239.5)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	DOTRI	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB730	TF	N	19.1	255 (250.8)	N/A	FL 050	+	N/A	RNAV 1 or RNP1	1.0	3 W
030	ZB001	TF	N	35.7	259 (255.7)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
040	NILVU	TF	N	10.2	242 (239.5)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

2/2 COMANDANTE ESPORA (SAZB) STAR RNP RWY 06

DOTRI 1X – MOXAN 1X – MOXAN 2X

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 2017)
010	MOXAN	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB041	TF	N	30.5	263 (258.9)	N/A	FL 050	+	N/A	RNAV 1 or RNP1	1.0	3 W
030	DAPKI	TF	N	37.0	248 (244.8)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

COMANDANTE ESPORA (SAZB) STAR RNP RWY 06	
AKNOS 1X - DAMIN 1X - GENAX 1X - KIMID 1X - SANBU 1X	
FIX IDENT	COORDINATES
GENAX	39°03'37.00" S 063°15'07.00" W
UGONO	38°50'58.26" S 062°27'35.02" W
KIMID	39°22'22.00" S 063°23'52.00" W
SANBU	39°30'19.00" S 062°39'58.00" W
NILVU	38°52'54.32" S 062°18'52.50" W
AKNOS	38°00'05.00" S 062°53'04.00" W
ZB713	38°29'07.77" S 062°23'50.58" W
DAPKI	38°44'09.81" S 062°25'06.42" W
DAMIN	38°47'21.00" S 063°19'50.00" W

31 ENERO 2019

1/2 COMANDANTE ESPORA (SAZB) STAR RNP RWY 06**AKNOS 1X - DAMIN 1X - GENAX 1X - KIMID 1X - SANBU 1X**

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 2017)
010	GENAX	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	UGONO	TF	N	39.2	074 (070.9)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	KIMID	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	UGONO	TF	N	53.9	057 (054.1)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	SANBU	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	NILVU	TF	N	40.8	026 (023.6)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	AKNOS	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB713	TF	N	37.0	144 (141.4)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

2/2 COMANDANTE ESPORA (SAZB) STAR RNP RWY 06

AKNOS 1X - DAMIN 1X - GENAX 1X - KIMID 1X - SANBU 1X

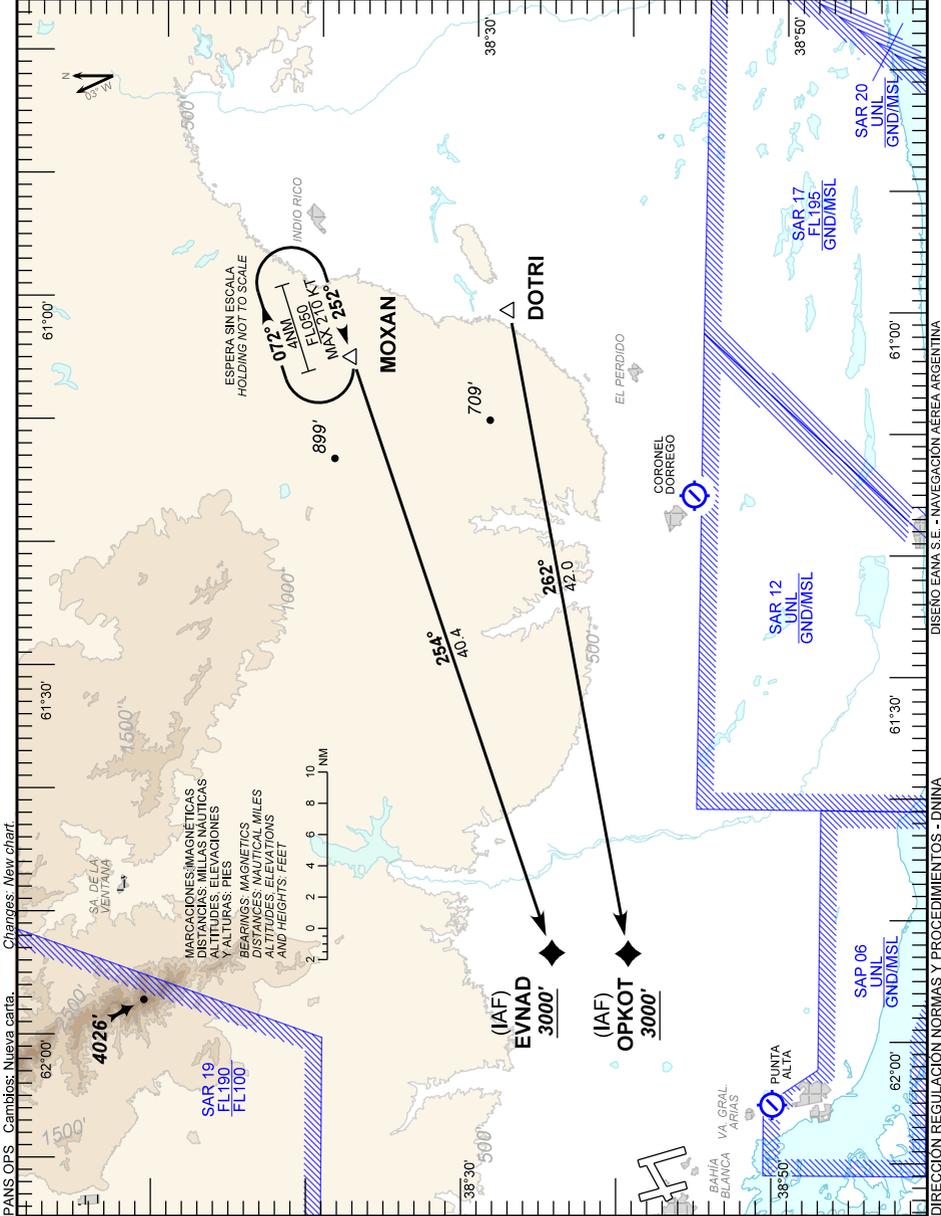
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Altitude Description	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2017)
030	DAPKI	CF	N	15.1	187 (183.8)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	DAMIN	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	DAPKI	TF	N	42.9	088 (085.5)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

COMANDANTE ESPORA (SAZB)
BAHIA BLANCA

STAR RNP RWY 24
DOTRI 1Z - MOXAN 1Z

Requiere Certificación <i>Certification required</i>				AD ELEV	248'
RNP 1 / RNAV 1 GNSS				TRANS ALT	3000'
BAHIA CTL	BAHIA APP		BAHIA TWR	EMERG	
124.80	119.15 118.10		119.15 118.10	121.50	
NOTA: Nivel de Transición asignado por ATC.			RMK: Transition level assigned by ATC.		
					03° W (2017) 3000' MSA 25 NM ARP



31 ENERO 2019

COMANDANTE ESPORA (SAZB) STAR RNP RWY 24
DOTRI 1Z – MOXAN 1Z

FIX IDENT	COORDINATES
MOXAN	38°22'18.00" S 061°04'27.00" W
EVNAD	38°35'45.76" S 061°52'57.25" W
DOTRI	38°32'24.00" S 061°00'28.00" W
OPKOT	38°40'40.64" S 061°52'56.92" W

31 ENERO 2019

COMANDANTE ESPORA (SAZB) STAR RNP RWY 24**DOTRI 1Z – MOXAN 1Z**

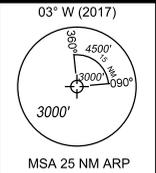
Seq Num	Fix Ident	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Altitude (ft/FL)	Altitude Description	Speed Limit (Kt)	Navigation Specification	RNP	Dec (ARP 2017)
010	MOXAN	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	EVNAD	TF	N	40.4	254 (250.8)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	DOTRI	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	OPKOT	TF	N	42.0	262 (258.9)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

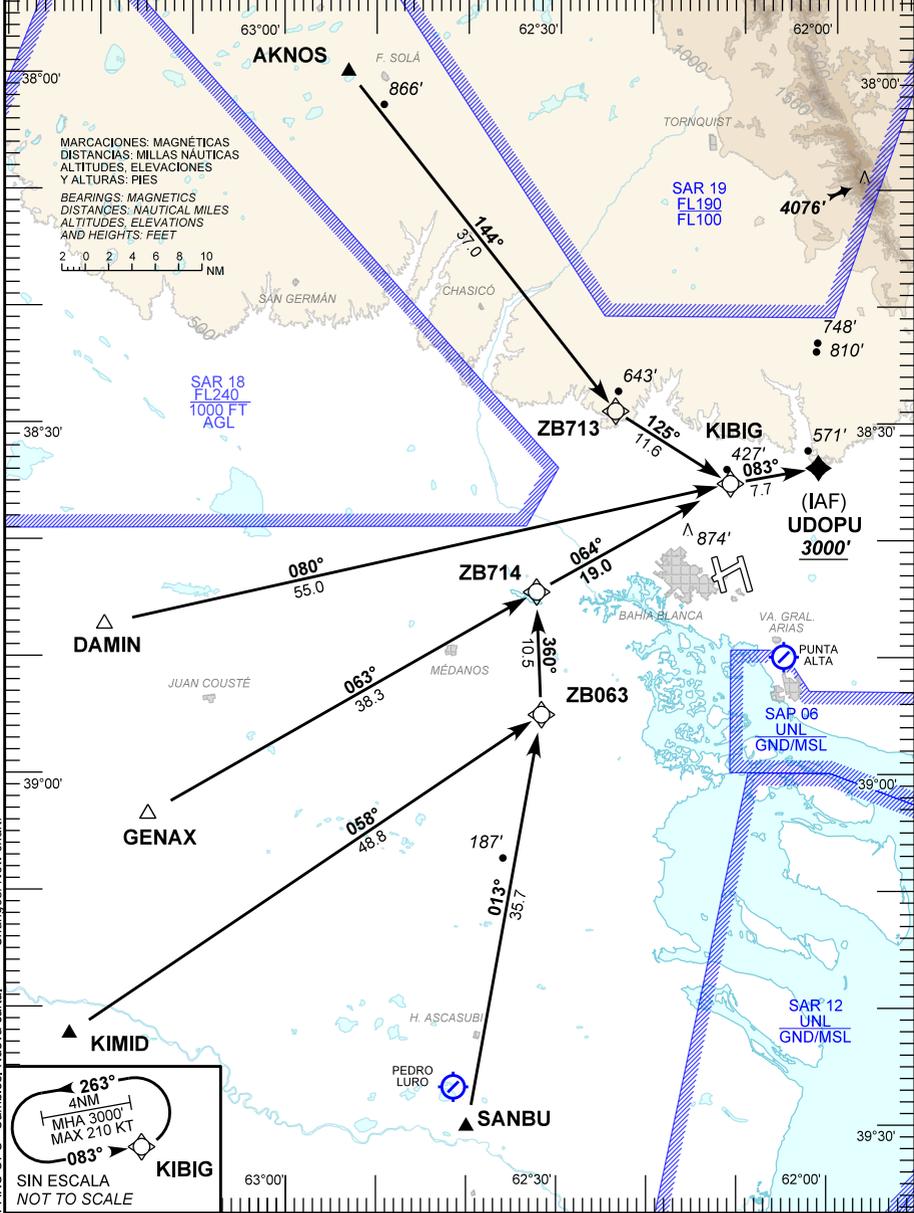
COMANDANTE ESPORA (SAZB)
BAHÍA BLANCA

STAR RNP RWY 24
AKNOS 1Z - DAMIN 1Z - GENAX 1Z - KIMID 1Z - SANBU 1Z

Requiere Certificación Certification required			AD ELEV	248'
RNP 1 / RNAV 1 GNSS			TRANS ALT	3000'
BAHÍA CTL	BAHÍA APP	BAHÍA TWR	EMERG	
124.80	119.15 118.10	119.15 118.10	121.50	



NOTA: Nivel de Transición asignado por ATC. RMK: Transition level assigned by ATC.



Changes: New chart.
PANS OPS: Cambios: Nueva carta.SIN ESCALA
NOT TO SCALE

31 ENERO 2019

DISEÑO EANA S.E. - NAVEGACION AEREA ARGENTINA
DIRECCION REGULACION NORMAS Y PROCEDIMIENTOS - DINA

COMANDANTE ESPORA (SAZB) STAR RNP RWY 24
AKNOS 1Z – DAMIN 1Z – GENAX 1Z – KIMID 1Z – SANBU 1Z

FIX IDENT	COORDINATES
AKNOS	38°00'05.00" S 062°53'04.00" W
DAMIN	38°47'21.00" S 063°19'50.00" W
GENAX	39°03'37.00" S 063°15'07.00" W
KIMID	39°22'22.00" S 063°23'52.00" W
SANBU	39°30'19.00" S 062°39'58.00" W
UDOPU	38°33'51.62" S 062°01'38.38" W
ZB063	38°55'07.76" S 062°31'50.85" W
KIBIG	38°35'16.42" S 062°11'15.68" W
ZB713	38°29'07.77" S 062°23'50.58" W
ZB714	38°44'37.88" S 062°32'25.82" W

31 ENERO 2019

1/3 COMANDANTE ESPORA (SAZB) STAR RNP RWY 24
AKNOS 1Z – DAMIN 1Z – GENAX 1Z – KIMID 1Z – SANBU 1Z

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 2017)
010	SANBU	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB063	TF	N	35.7	013 (010.1)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
030	ZB714	TF	N	10.5	360 (357.5)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
040	KIBIG	TF	N	19.0	064 (060.5)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
050	UDOPU	TF	N	7.7	083 (079.4)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	KIMID	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB063	TF	N	48.8	058 (055.8)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
030	ZB714	TF	N	10.5	360 (357.5)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W

31 ENERO 2019

2/3 COMANDANTE ESPORA (SAZB) STAR RNP RWY 24
AKNOS 1Z – DAMIN 1Z – GENAX 1Z – KIMID 1Z – SANBU 1Z

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 2017)
040	KIBIG	TF	N	19.0	064 (060.5)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
050	UDOPU	TF	N	7.7	083 (079.4)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	DAMIN	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	KIBIG	TF	N	55.0	080 (077.0)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
030	UDOPU	TF	N	7.7	083 (079.4)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	AKNOS	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB713	TF	N	37.0	144 (141.4)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
030	KIBIG	TF	N	11.6	125 (121.8)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W

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3/3 COMANDANTE ESPORA (SAZB) STAR RNP RWY 24
AKNOS 1Z – DAMIN 1Z – GENAX 1Z – KIMID 1Z – SANBU 1Z

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 2017)
040	UDOPU	TF	N	7.7	083 (079.4)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W
010	GENAX	IF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
020	ZB714	TF	N	38.3	063 (060.1)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
030	KIBIG	TF	N	19.0	064 (060.5)	N/A	N/A	N/A	N/A	RNAV 1 or RNP1	1.0	3 W
040	UDOPU	TF	N	7.7	083 (079.4)	N/A	3000	+	N/A	RNAV 1 or RNP1	1.0	3 W

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