

1/3 TENIENTE BENJAMÍN MATIENZO (SANT) STAR RNP RWY 02 DILAL 1M - PONPI 2M - SORTI 2M - IMBOL 2M - ANGEN 1M/1N - BITIS 2M

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	ANGEN	S 27°20'44.00" W 064°36'16.00"	IF	N	N/A	N/A	N/A	-FL140 +FL120	N/A	RNAV 1 or RNP 1	1.0
20	NT874	S 27°19'26.15" W 064°57'16.60"	TF	N	18.8	281 (274.0)	N/A	-FL100 +FL080	N/A	RNAV 1 or RNP 1	1.0
30	ILMEV	S 27°10'33.00" W 065°10'09.00"	TF	N	14.5	314 (307.7)	N/A	-5600	N/A	RNAV 1 or RNP 1	1.0
40	ROKAT	S 27°07'02.41" W 065°09'28.83"	TF	N	3.6	016 (009.7)	N/A	+4500	N/A	RNAV 1 or RNP 1	1.0
10	ANGEN	S 27°20'44.00" W 064°36'16.00"	IF	N	N/A	N/A	N/A	-FL140 +FL120	N/A	RNAV 1 or RNP 1	1.0
20	NT899	S 27°14'23.73" W 064°44'57.93"	TF	N	10.0	316 (309.2)	N/A	-FL110 +FL080	N/A	RNAV 1 or RNP 1	1.0
30	POSMO	S 27°02'07.89" W 065°01'43.00"	TF	N	19.3	316 (309.4)	N/A	+4500	N/A	RNAV 1 or RNP 1	1.0
10	SORTI	S 27°43'05.00" W 065°25'34.00"	IF	N	N/A	N/A	N/A	-FL160 +FL120	N/A	RNAV 1 or RNP 1	1.0
20	NT872	S 27°19'38.38" W 065°14'26.47"	TF	N	25.4	029 (022.9)	N/A	-FL090 +6500	N/A	RNAV 1 or RNP 1	1.0
30	ILMEV	S 27°10'33.00" W 065°10'09.00"	TF	N	9.8	030 (022.9)	N/A	-5600	N/A	RNAV 1 or RNP 1	1.0

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2/3 TENIENTE BENJAMÍN MATIENZO (SANT) STAR RNP RWY 02 DILAL 1M - PONPI 2M - SORTI 2M - IMBOL 2M - ANGEN 1M/1N - BITIS 2M

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
40	ROKAT	S 27°07'02.41" W 065°09'28.83"	TF	N	3.6	016 (009.7)	N/A	+4500	N/A	RNAV 1 or RNP 1	1.0
10	DILAL	S 26°08'02.34" W 065°45'18.57"	IF	N	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
20	NT999	S 26°23'32.84" W 065°31'11.93"	TF	N	20.0	147 (140.6)	N/A	+FL160	N/A	RNAV 1 or RNP 1	1.0
30	LOLAR	S 26°40'35.00" W 065°15'36.01"	TF	N	22.0	147 (140.5)	N/A	+FL90	N/A	RNAV 1 or RNP 1	1.0
40	NT885	S 26°50'36.72" W 065°15'31.05"	TF	N	10.0	186 (179.6)	N/A	+6000	N/A	RNAV 1 or RNP 1	1.0
50	VUSAB	S 27°00'00.64" W 065°15'26.39"	TF	N	9.4	186 (179.6)	N/A	+4600	N/A	RNAV 1 or RNP 1	1.0
10	PONPI	S 25°45'22.00" W 065°18'55.00"	IF	N	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
20	NT879	S 26°01'19.00" W 065°15'55.00"	TF	N	16.1	178 (170.4)	N/A	+FL130	N/A	RNAV 1 or RNP 1	1.0
30	NT888	S 26°18'30.82" W 065°15'46.71"	TF	N	17.1	187 (179.6)	N/A	+FL120	N/A	RNAV 1 or RNP 1	1.0
40	LOLAR	S 26°40'35.00" W 065°15'36.01"	TF	N	22.0	186 (179.6)	N/A	+FL090	N/A	RNAV 1 or RNP 1	1.0

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3/3 TENIENTE BENJAMÍN MATIENZO (SANT) STAR RNP RWY 02 DILAL 1M - PONPI 2M - SORTI 2M - IMBOL 2M - ANGEN 1M/1N - BITIS 2M

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	NT885	S 26°50'36.72" W 065°15'31.05"	TF	N	10.0	186 (179.6)	N/A	+6000	N/A	RNAV 1 or RNP 1	1.0
60	VUSAB	S 27°00'00.64" W 065°15'26.39"	TF	N	9.4	186 (179.6)	N/A	+4600	N/A	RNAV 1 or RNP 1	1.0
10	BITIS	S 26°58'20.00" W 064°05'22.00"	IF	N	N/A	N/A	N/A	-FL200 +FL160	N/A	RNAV 1 or RNP 1	1.0
20	NT876	S 27°00'21.05" W 064°34'35.86"	TF	N	26.2	273 (265.7)	N/A	-FL120 +FL080	N/A	RNAV 1 or RNP 1	1.0
30	POSMO	S 27°02'07.89" W 065°01'43.00"	TF	N	24.3	273 (265.9)	N/A	+4500	N/A	RNAV 1 or RNP 1	1.0
10	IMBOL	S 27°44'56.00" W 064°55'54.00"	IF	N	N/A	N/A	N/A	-FL170 +FL130	N/A	RNAV 1 or RNP 1	1.0
20	NT873	S 27°20'32.22" W 065°06'01.67"	TF	N	25.9	346 (339.7)	N/A	-FL090 +6500	N/A	RNAV 1 or RNP 1	1.0
30	ILMEV	S 27°10'33.00" W 065°10'09.00"	TF	N	10.6	346 (339.8)	N/A	-5600	N/A	RNAV 1 or RNP 1	1.0
40	ROKAT	S 27°07'02.41" W 065°09'28.83"	TF	N	3.6	016 (009.7)	N/A	+4500	N/A	RNAV 1 or RNP 1	1.0

11 AGOSTO 2022

TTE. BENJAMIN MATIENZO (SANT)
SAN MIGUEL DE TUCUMÁN

STAR RWY 20
ILPAR 1P

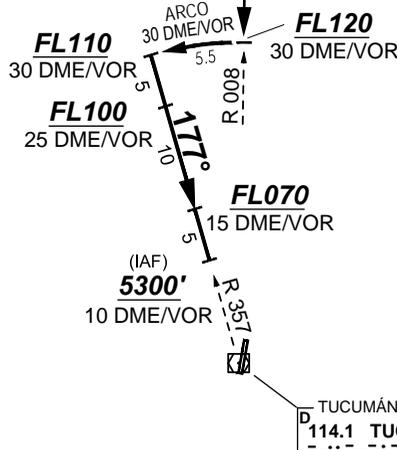
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N/A				TRANS ALT	6500'	
ATIS 127.70	TUCUMÁN GND 121.75	TUCUMÁN TWR 119.50 118.35	TUCUMÁN CTL 123.85 122.50	EMERG	121.50	

MSA 25 NM TUC

DME REQUERIDO

ILPAR
69 DME/VOR

SIN ESCALA
NOT TO SCALE



Cambios: VAR
Changes: VAR

31 ENERO 2019

DISEÑO EANA S.E. - NAVEGACIÓN AÉREA ARGENTINA

DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS-DNINA

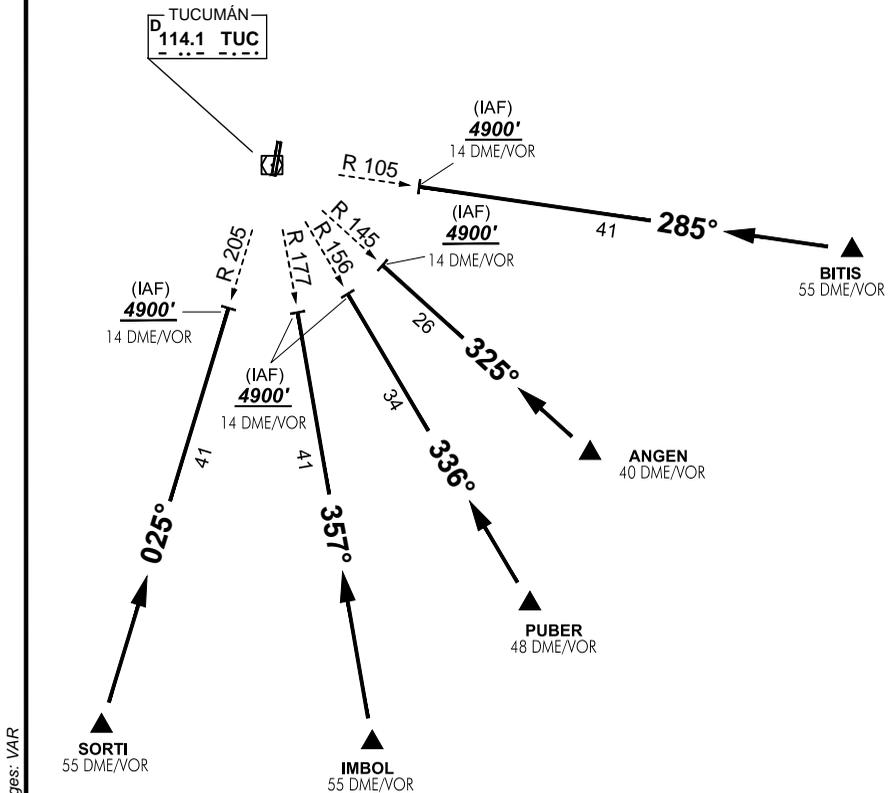
TTE. BENJAMIN MATIENZO (SANT)
SAN MIGUEL DE TUCUMÁN

STAR RWY 20
ANGEN 1P - PUBER 3P - IMBOL 3P - SORTI 3P

Requiere Certificación Certification required				AD ELEV	1494'	
N/A				TRANS ALT	6500'	
ATIS 127.70	TUCUMÁN GND 121.75	TUCUMÁN TWR 119.50 118.35	TUCUMÁN CTL 123.85 122.50	EMERG 121.50		

MSA 25 NM TUC

DME REQUERIDO



Cambios: VAR
Changes: VAR

SIN ESCALA
NOT TO SCALE

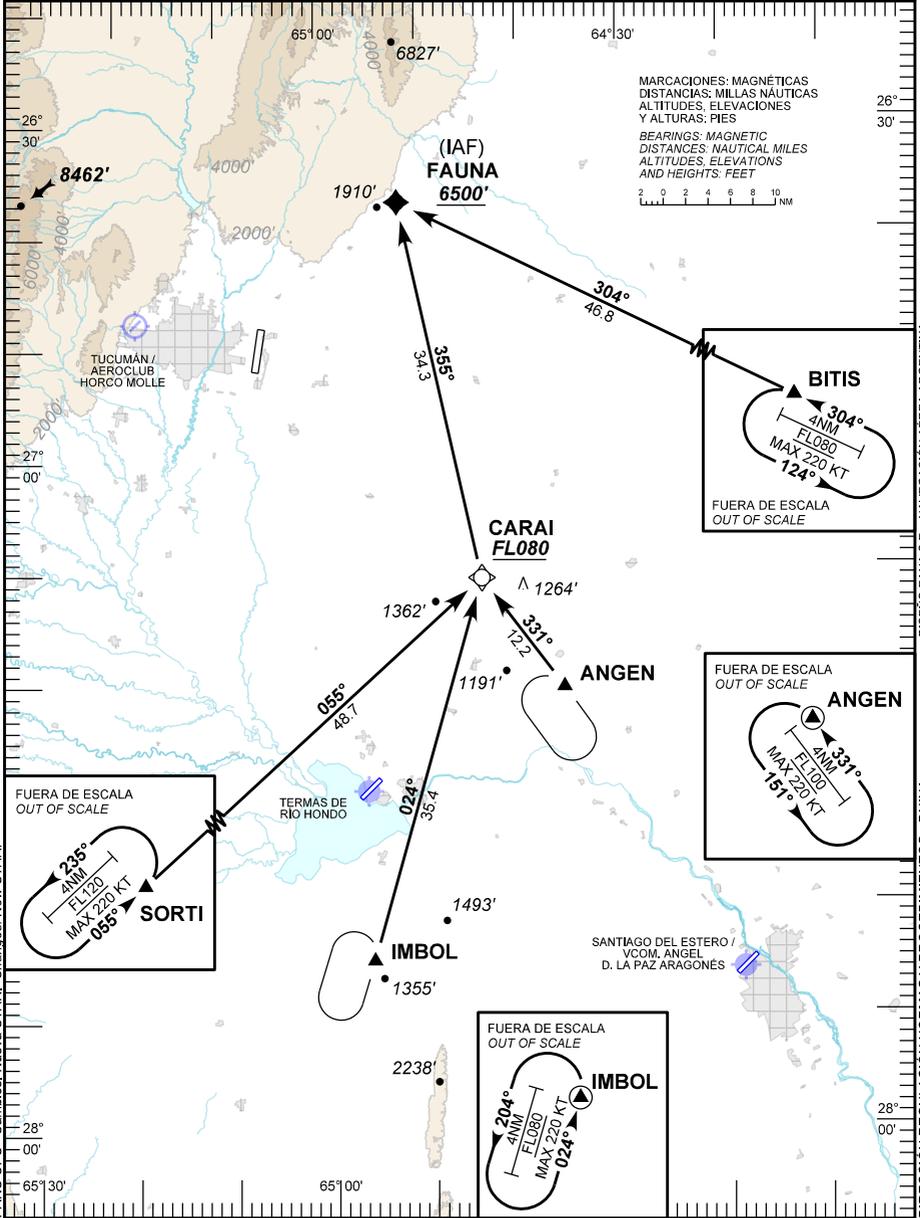
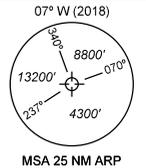
DISEÑO EANA S.E. - NAVEGACION AEREA ARGENTINA
DIRECCION REGULACION NORMAS Y PROCEDIMIENTOS-ADNINA

31 ENERO 2019

TENIENTE BENJAMÍN MATIENZO (SANT)
SAN MIGUEL DE TUCUMÁN

STAR RNP RWY 20
BITIS 1U - IMBOL 1U - SORTI 1U - ANGEN 1U

Requiere Certificación Certification required					AD ELEV	1494'
RNP 1 / RNAV 1 GNSS					TRANS ALT	6500'
ATIS	TUCUMÁN CTL		TUCUMÁN APP		TUCUMÁN TWR	EMERG
127.70	123.85	122.50	119.50	118.35	119.50	118.35
NOTA: Nivel de Transición asignado por ATC.			NOTE: Transition level assigned by ATC.			



PANS OPS Cambios: Nueva STAR. - Changres - New STAR.

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

11 AGOSTO 2022

1/2 TENIENTE BENJAMIN MATIENZO (SANT) STAR RNP RWY 20 BITIS 1U - IMBOL 1U - SORTI 1U - ANGEN 1U

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	BITIS	S 26°58'20.00" W 064°05'22.00"	IF	N	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
20	FAUNA	S 26°37'16.36" W 064°52'10.15"	TF	N	46.8	304 (296.4)	N/A	+6500	N/A	RNAV 1 or RNP 1	1.0
10	ANGEN	S 27°20'44.00" W 064°36'16.00"	IF	N	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
20	CARAI	S 27°10'55.58" W 064°44'23.88"	TF	N	12.2	331 (323.4)	N/A	+FL80	N/A	RNAV 1 or RNP 1	1.0
30	FAUNA	S 26°37'16.36" W 064°52'10.15"	TF	N	34.3	355 (348.3)	N/A	+6500	N/A	RNAV 1 or RNP 1	1.0
10	IMBOL	S 27°44'56.00" W 064°55'54.00"	IF	N	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
20	CARAI	S 27°10'55.58" W 064°44'23.88"	TF	N	35.4	024 (016.8)	N/A	0	N/A	RNAV 1 or RNP 1	1.0
30	FAUNA	S 26°37'16.36" W 064°52'10.15"	TF	N	34.3	355 (348.3)	N/A	+6500	N/A	RNAV 1 or RNP 1	1.0
10	SORTI	S 27°43'05.00" W 065°25'34.00"	IF	N	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
20	CARAI	S 27°10'55.58" W 064°44'23.88"	TF	N	48.7	055 (049.0)	N/A	+FL80	N/A	RNAV 1 or RNP 1	1.0

11 AGOSTO 2022

2/2 TENIENTE BENJAMIN MATIENZO (SANT) STAR RNP RWY 20 BITIS 1U - IMBOL 1U - SORTI 1U - ANGEN 1U

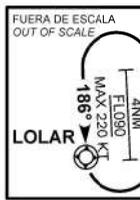
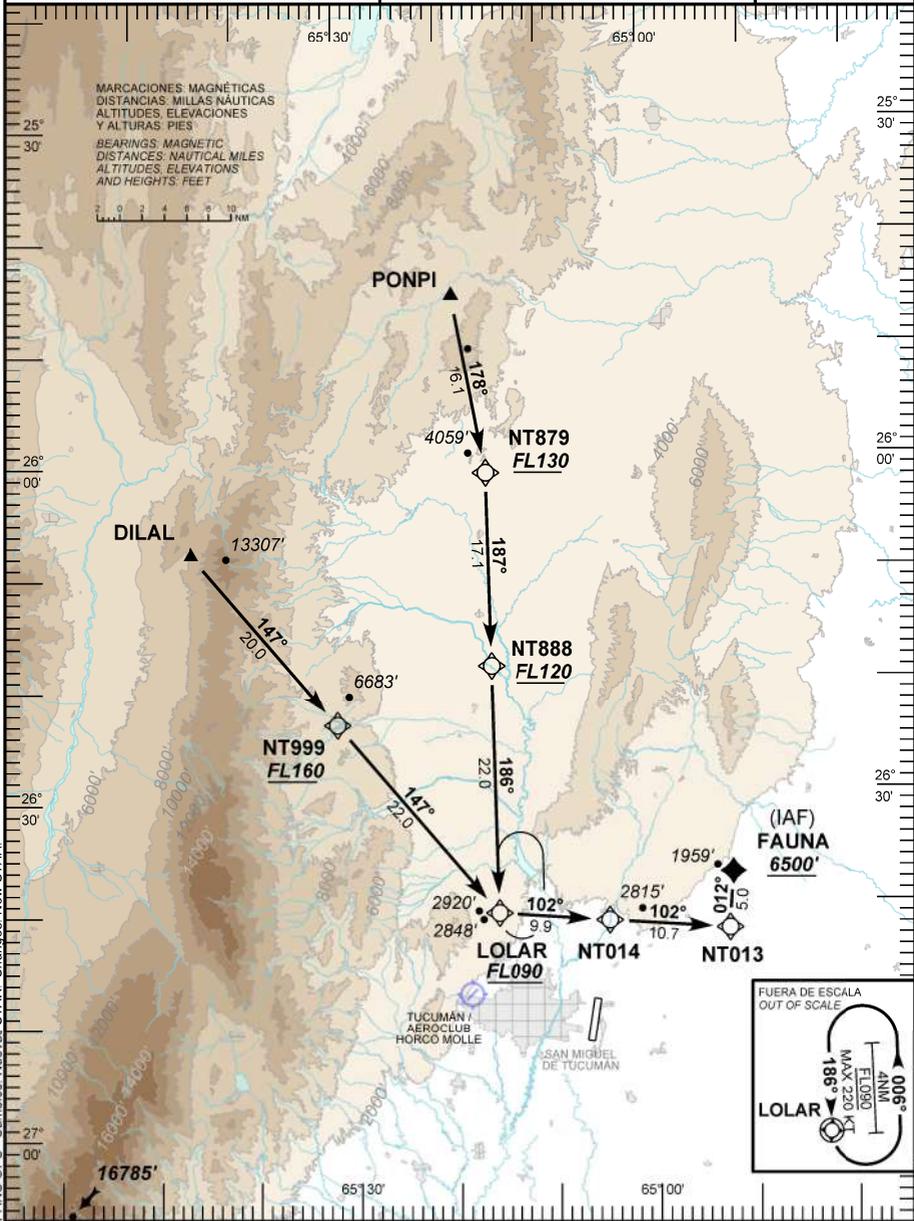
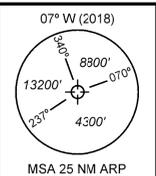
Seq Num	Fix Ident	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course M°(T°)	Turn	Alt / Descr (ft/FL)	Speed Limit (Kt)	Navigation Specification	RNP
30	FAUNA	S 26°37'16.36" W 064°52'10.15"	TF	N	34.3	355 (348.3)	N/A	+6500	N/A	RNAV 1 or RNP 1	1.0

11 AGOSTO 2022

TENIENTE BENJAMÍN MATIENZO (SANT)
SAN MIGUEL DE TUCUMÁN

STAR RNP RWY 20
DILAL 1V - PONPI 1U

Requiere Certificación Certification required					AD ELEV	1494'
RNP 1 / RNAV 1 GNSS					TRANS ALT	6500'
ATIS	TUCUMÁN CTL		TUCUMÁN APP		TUCUMÁN TWR	EMERG
127.70	123.85	122.50	119.50	118.35	119.50	118.35
						121.50
NOTA: Nivel de Transición asignado por ATC.			NOTE: Transition level assigned by ATC.			



DISEÑO EANA S.E. - NAVEGACIÓN AEREA ARGENTINA

DIRECCIÓN REGULACIÓN NDRMAS Y PROCEDIMIENTOS - DINA

1/2 TENIENTE BENJAMIN MATIENZO (SANT) STAR RNP RWY 20 DILAL 1V - PONPI 1U

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	DILAL	S 26°08'02.34" W 065°45'18.57"	IF	N	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
20	NT999	S 26°23'32.84" W 065°31'11.93"	TF	N	20.0	147 (140.6)	N/A	+FL160	N/A	RNAV 1 or RNP 1	1.0
30	LOLAR	S 26°40'35.00" W 065°15'36.01"	TF	N	22.0	147 (140.5)	N/A	+FL090	N/A	RNAV 1 or RNP 1	1.0
40	NT014	S 26°41'25.01" W 065°04'33.45"	TF	N	9.9	102 (094.8)	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
50	NT013	S 26°42'16.30" W 064°52'36.47"	TF	N	10.7	102 (094.5)	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
60	FAUNA	S 26°37'16.36" W 064°52'10.15"	TF	N	5.0	012 (004.5)	N/A	+6500	N/A	RNAV 1 or RNP 1	1.0
10	PONPI	S 25°45'22.00" W 065°18'55.00"	IF	N	N/A	N/A	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
20	NT879	S 26°01'19.00" W 065°15'55.00"	TF	N	16.1	177 (170.3)	N/A	+FL130	N/A	RNAV 1 or RNP 1	1.0
30	NT888	S 26°18'30.82" W 065°15'46.71"	TF	N	17.1	187 (179.6)	N/A	+FL120	N/A	RNAV 1 or RNP 1	1.0
40	LOLAR	S 26°40'35.00" W 065°15'36.01"	TF	N	22.0	186 (179.6)	N/A	+FL090	N/A	RNAV 1 or RNP 1	1.0

11 AGOSTO 2022

2/2 TENIENTE BENJAMIN MATIENZO (SANT) STAR RNP RWY 20 DILAL 1V - PONPI 1U

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	NT014	S 26°41'25.01" W 065°04'33.45"	TF	N	9.9	102 (094.8)	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
60	NT013	S 26°42'16.30" W 064°52'36.47"	TF	N	10.7	102 (094.5)	N/A	N/A	N/A	RNAV 1 or RNP 1	1.0
70	FAUNA	S 26°37'16.36" W 064°52'10.15"	TF	N	5.0	012 (004.5)	N/A	+6500	N/A	RNAV 1 or RNP 1	1.0

11 AGOSTO 2022