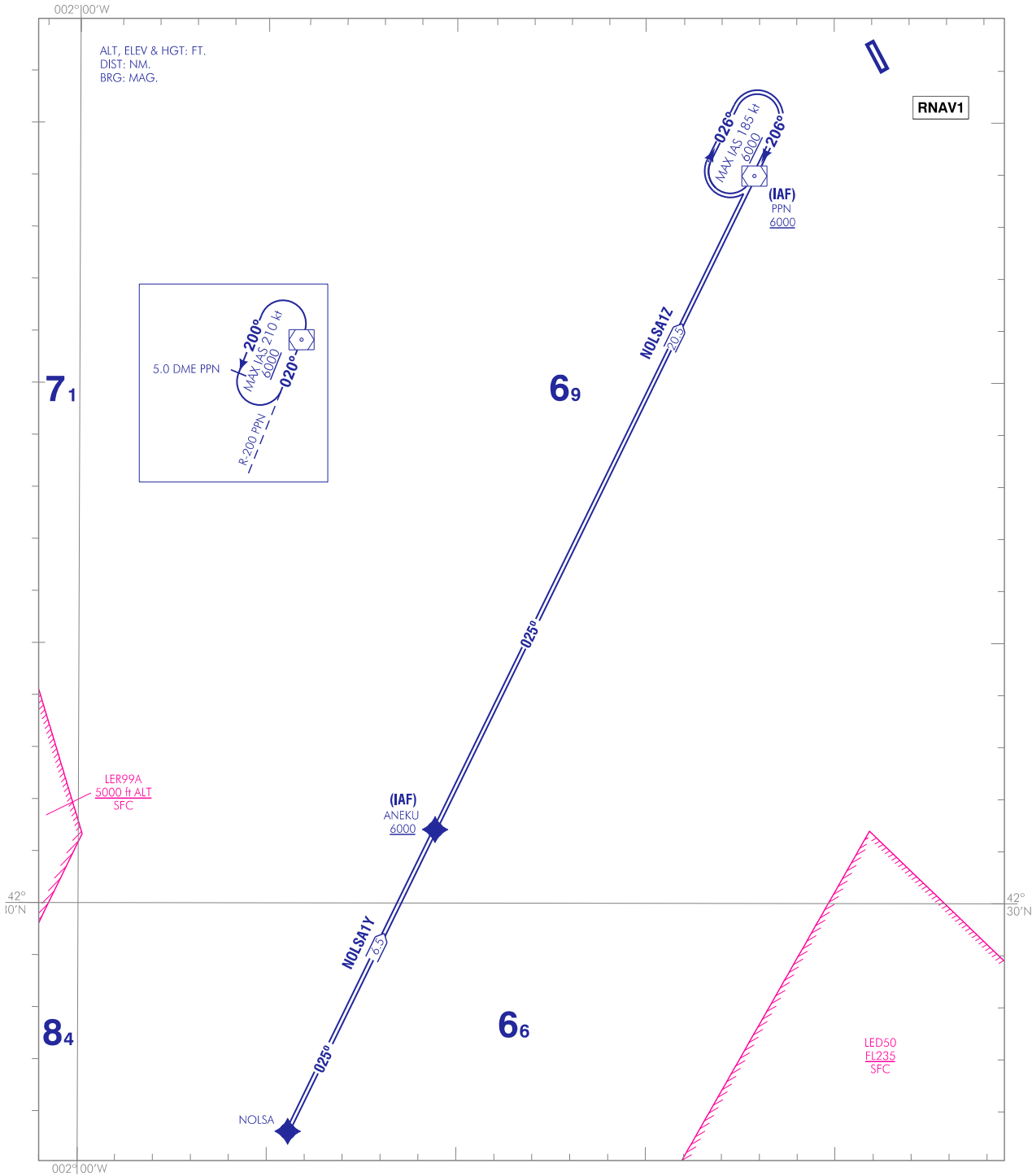


CARTA DE LLEGADA NORMALIZADA
VUELO POR INSTRUMENTOS (STAR) - OACI

TA 6000 ft
VAR 1°E (2025)

APP/TWR 118.200 MHz

PAMPLONA
RNAV RWY 33 RWY 15/33
NOLSA1Y NOLSA1Z



EDITORIAL CHANGE:

NOTAS:
- NOLSA1Z: (DME/DME): LPA, PAP Y PPN CRÍTICOS.
(DME/DME/IRU): LPA CRÍTICO.

NOTES:
- NOLSA1Z: (DME/DME): LPA, PAP AND PPN CRITICAL.
(DME/DME/IRU): LPA CRITICAL.

CHANGES:

WAYPOINTS COORDINATES

WPT	COORD
ANEKU	423127.6N 00150 34.0W
NOLSA	422539.4N 0015426.7W
PPN	424401.5N 0014207.2W

CRITICAL DME

FACILITY (ID)	FREQ/CH	COORD
LOGROÑO (LPA)	115.45 MHz CH 101Y	422737.4651N 0021937.1096W
PAMPLONA (PPN)	113.55 MHz CH 82Y	424401.7124N 0014206.5564W
PAMPLONA SUR (PAP)	113.55 MHz CH 82Y	424117.7861N 0013939.1807W

RUNWAYS 15 AND 33

STANDARD INSTRUMENT ARRIVALS (STAR)

NOTE APPLICABLE TO ALL STAR AND HOLDING:

- RNAV1.

RWY 15/33

PROCEDURE TABULAR DESCRIPTION

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
NOLSA1Z (DME/DME): DME LPA, PAP & PPN critical. (DME/DME/IRU): DME LPA critical.											
001	IF	NOLSA	-	-	-1.0	-	-	-	-	-	RNAV1
002	TF	PPN	-	026 (026.3)	-1.0	20.5	-	+6000	-	-	RNAV1

RWY 33

PROCEDURE TABULAR DESCRIPTION

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
NOLSA1Y											
001	IF	NOLSA	-	-	-1.0	-	-	-	-	-	RNAV1
002	TF	ANEKU	-	025 (026.3)	-1.0	6.5	-	+6000	-	-	RNAV1

HOLDING PATTERN

Path terminator	Waypoint identifier	Course/Track °M (°T)	Magnetic variation	Distance/ Outbound time	Turn direction	MNM altitude (ft)	MAX altitude (ft)	Speed (kt)	Navigation specification
HM	PPN	206 (207.0)	-1.0	1 MIN	R	+6000	-	-185	RNAV1