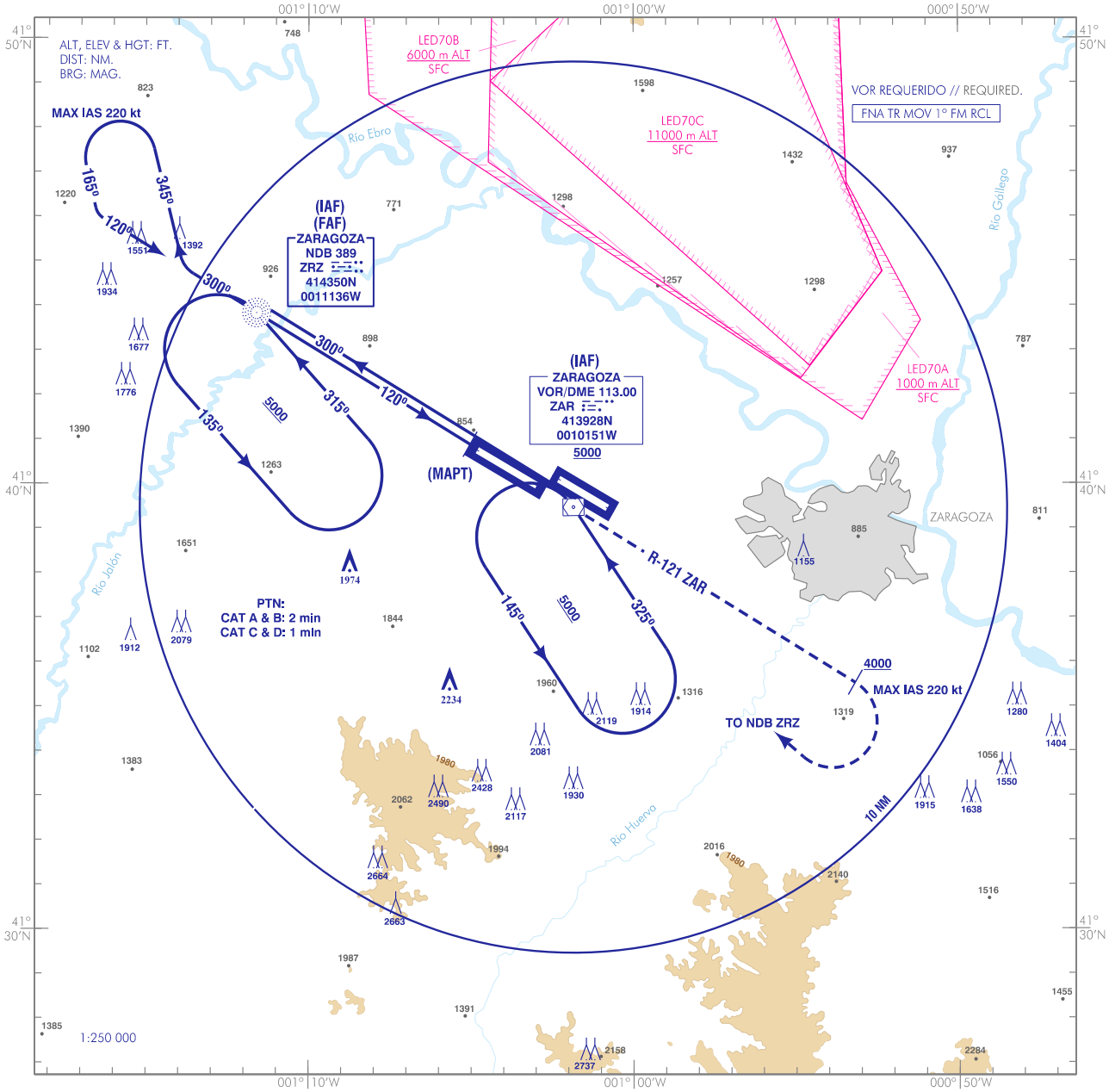
CARTA DE APROXIMACIÓN
POR INSTRUMENTOS-OACI

ELEV AD
862 ft
VAR 1°E (2025)

APP 119.305 C
296.750 MHz
TWR 122.105 C
292.200 MHz
GCA 130.025 MHz

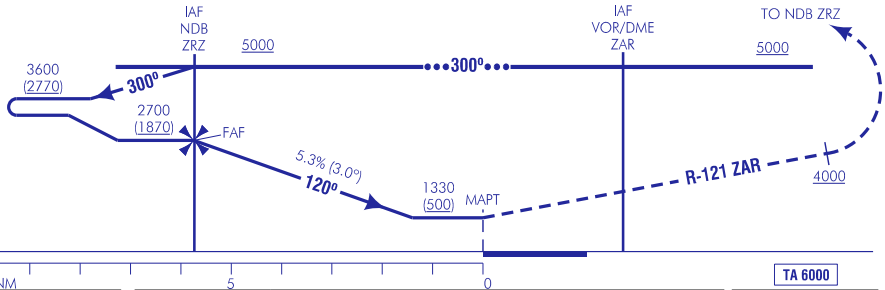
ZARAGOZA
NBD Z
RWY 12R



FRUSTRADA: SUBIR DIRECTO AL VOR/DME ZAR. PROCEDER POR EL R-121 ZAR ASCENDIENDO A 4000 . VIRAR A LA DERECHA (IAS MAX 220 kt) DIRECTO AL NDB ZRZ ASCENDIENDO A 5000 PARA INTEGRARSE A LA ESPERA.
MISSED APCH: STRAIGHT AHEAD TO VOR/DME ZAR. PROCEED ON R-121 ZAR CLIMBING TO 4000. TURN RIGHT (MAX IAS 220 kt) DIRECT TO NDB ZRZ CLIMBING TO 5000 AND HOLD.

NOTAS:
- PRECAUCIÓN: A PARTIR DE FL070 EXISTEN INTERFERENCIAS ENTRE LAS ÁREAS DE ESPERA Y LA ZONA LED70.
- NO SE HA CONSIDERADO EL ÁREA TOPE AL DETERMINAR LA ALTITUD MÍNIMA DE ESPERA.

NOTES:
- CAUTION: STARTING FROM FL070 THERE IS INTERFERENCE BETWEEN HOLDING AREAS AND LED70.
- BUFFER AREA NOT CONSIDERED TO ESTABLISH HOLDING MINIMUM ALTITUDE.



HGT REF ELEV THR RWY 12R

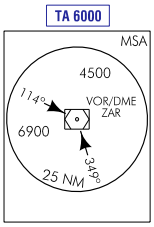
	A	B	C	D
S-NDB	1330-1.5 500 (500-1.5)		1330-1.8* 500 (500-1.8)	
CIRCUITO **CIRCLING**	1500-2.9 640 (700-2.9)	1610-3.5 750 (800-3.5)	2370-5.0 1510 (1600-5.0)	2630-5.0 1770 (1800-5.0)

*** CUANDO ALS U/S INCREMENTAR VIS EN 0.5 km**
*** WHEN ALS U/S INCREASE VIS IN 0.5 km**

GS	kt	80	100	120	140	160	180
FAF-THR:	min:s						
FAF-MAPT: 5.8 NM	ft/min	4:22	3:30	2:55	2:30	2:11	1:57
ROD: 5.3%	ft/min	427	534	640	747	854	960

ALT/HGT DME ( ) FNA												
13	12	11	10	9	8	7	6	5	4	3	2	1

TA 6000



REPRINT

CHANGES:

AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

NDB Z RWY 12R

POINT	LAT	LONG	TRUE BEARING	DME DISTANCE (NM)
VOR/DME ZAR (IAF)	413928.4N	0010151.1W	–	–
NDB ZRZ (IAF/FAF)	414349.9N	0011136.0W	–	–
MAPT	414048.7N	0010456.5W	–	THR 12R
Non-precision final approach - Slope (Descent angle)				5.27% (3.02º)