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
VOR
RWY 12R

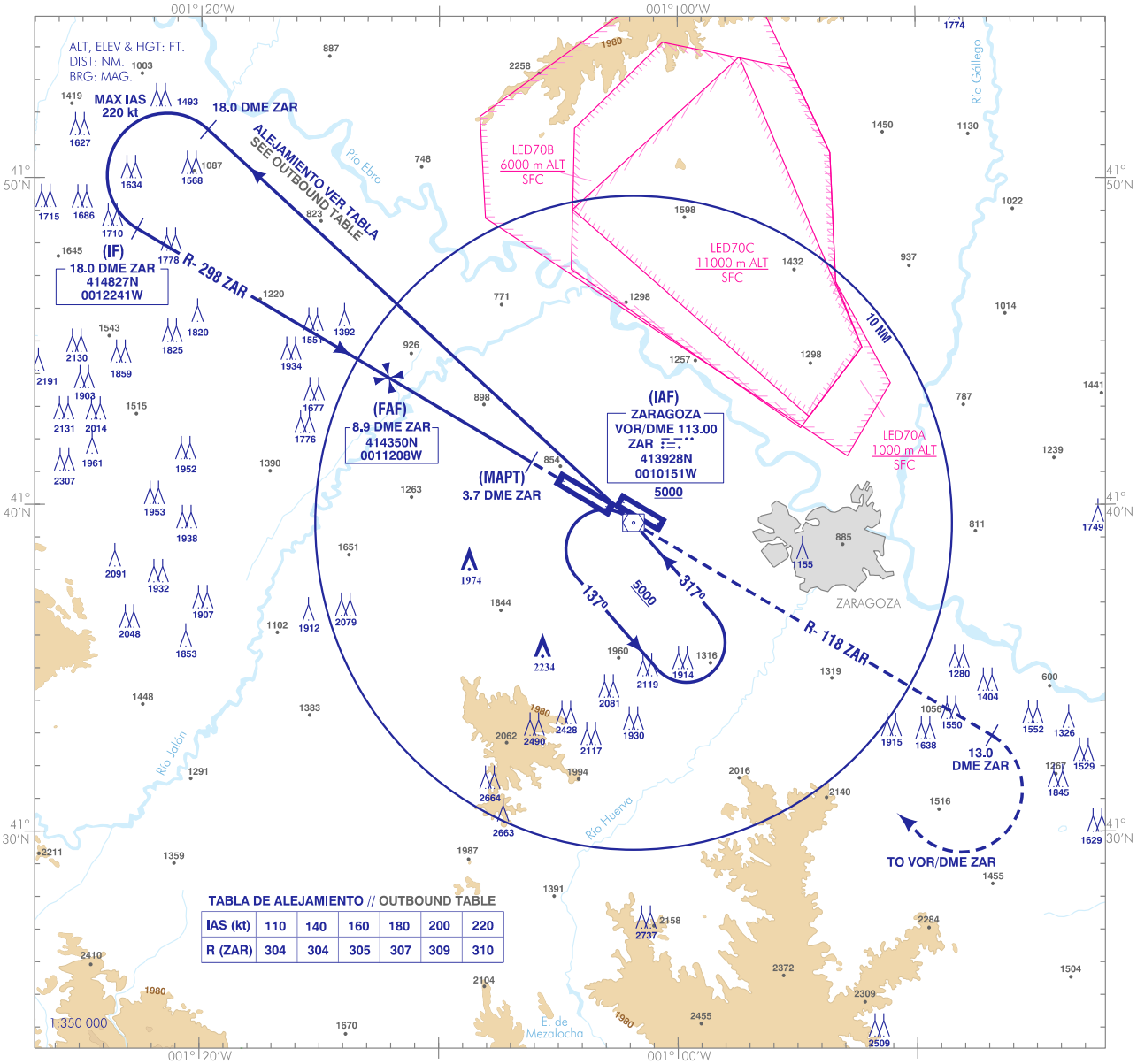
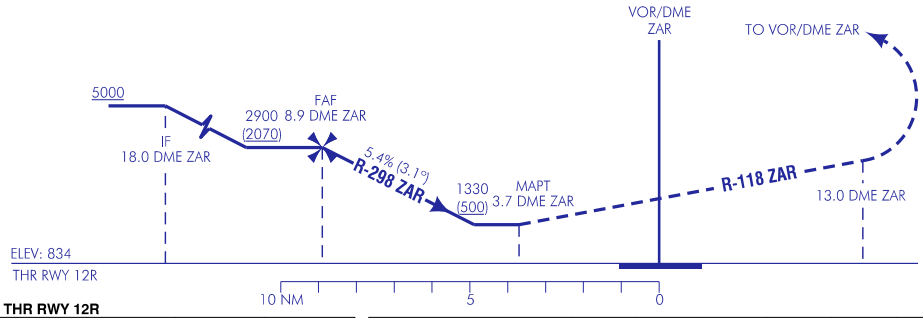


TABLA DE ALEJAMIENTO // OUTBOUND TABLE

IAS (kt)	110	140	160	180	200	220
R (ZAR)	304	304	305	307	309	310

FRUSTRADA: SUBIR EN R-298 ZAR HASTA VOR/DME ZAR. SUBIR EN R-118 ZAR HASTA 13.0 DME ZAR. VIRAR A LA DERECHA DIRECTO AL VOR/DME ZAR ASCENDIENDO A 5000 PARA INTEGRARSE A LA ESPERA.
MISSED APCH: CLIMB ON R-298 ZAR TO VOR/DME ZAR. CLIMB ON R-118 ZAR UNTIL 13.0 DME ZAR. TURN RIGTH DIRECT TO VOR/DME ZAR CLIMBING UP TO 5000 TO JOIN THE HOLDING.

NOTAS:
- PRECAUCIÓN: A PARTIR DE 5000 ft EXISTEN INTERFERENCIAS ENTRE LAS ÁREAS DE ESPERA Y LA ZONA LED70.
NOTES:
- CAUTION: STARTING FROM 5000 ft THERE IS INTERFERENCE BETWEEN HOLDING AREAS AND LED70.



HGT REF ELEV THR RWY 12R

	A	B	C	D
S-VOR	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)

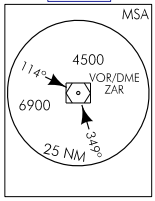
*** CUANDO ALS U/S INCREMENTAR VIS EN 0.5 km**
*** WHEN ALS U/S INCREASE VIS IN 0.5 km**

GS	kt	80	100	120	140	160	180
FAF-THR:	min:s						
FAF-MAPT: 5.2 NM	ft/min	3:54	3:07	2:36	2:13	1:57	1:44
ROD: 5.4%	ft/min	434	542	650	759	867	975

ALT/DME (ZAR) FNA

13	12	11	10	9	8	7	6	5	4	3	2	1
					2610 (1780)	2290 (1450)	1960 (1130)	1640 (800)				

TA 6000



OBSTACLES.

CHANGES:

AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

VOR RWY 12R

POINT	LAT	LONG	TRUE BEARING	DME DISTANCE (NM)
VOR/DME ZAR (IAF)	413928.4N	0010151.1W	–	–
IF	414826.6N	0012241.4W	300.00° (ZAR)	18.00 DME ZAR
FAF	414349.8N	0011208.2W	300.00° (ZAR)	8.85 DME ZAR
MAPT	414119.2N	0010607.4W	300.00° (ZAR)	3.70 DME ZAR
Non-precision final approach - Slope (Descent angle)				5.37% (3.10°)