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/DME
RWY 30R

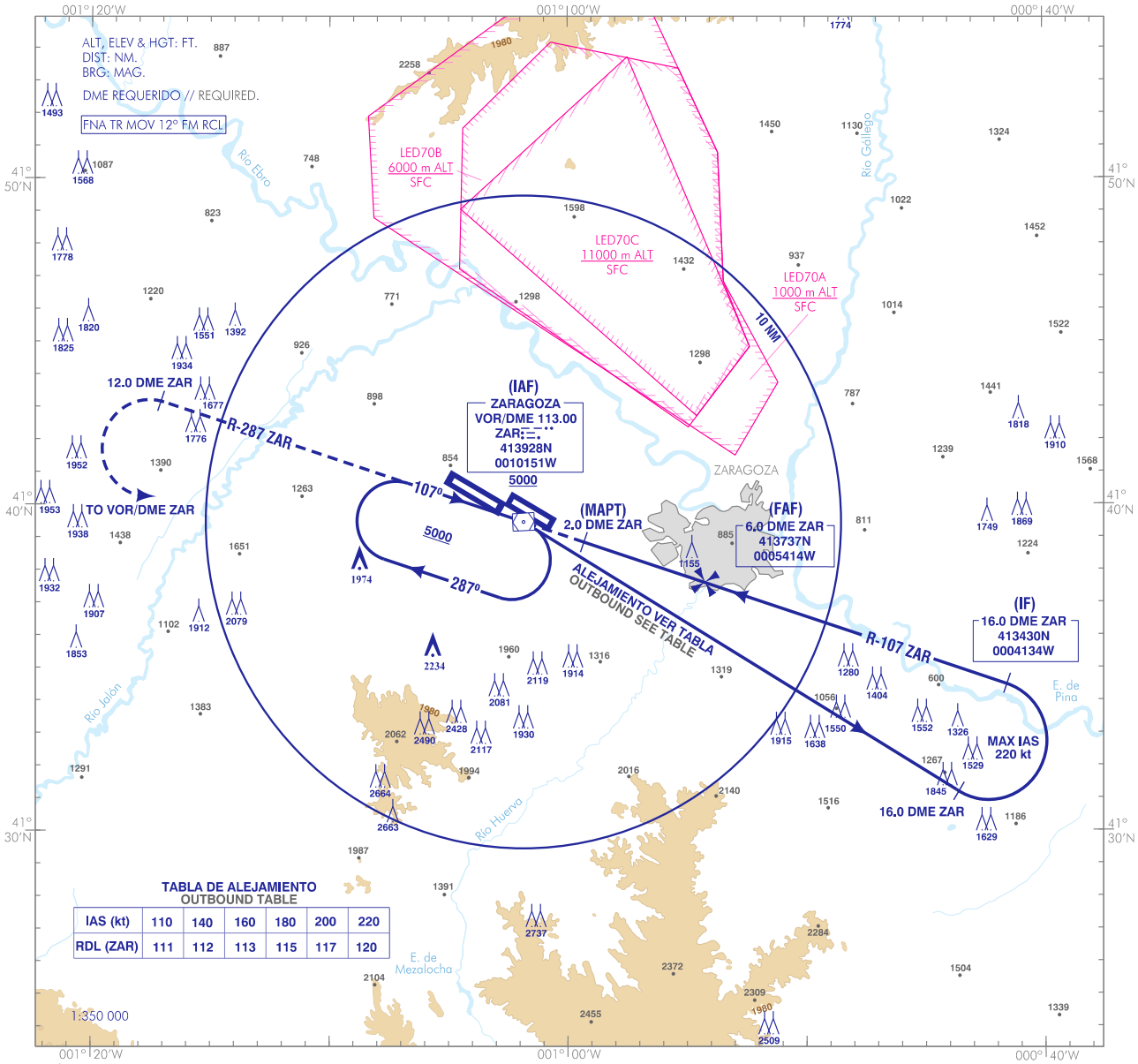


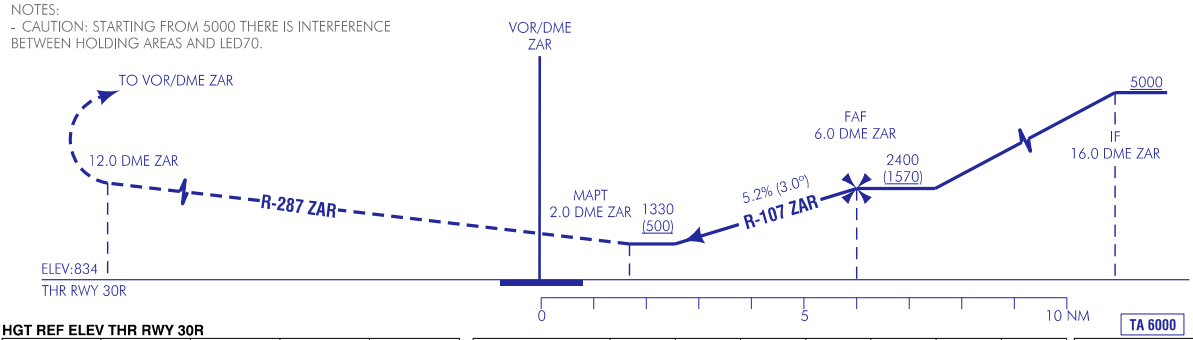
TABLA DE ALEJAMIENTO
OUTBOUND TABLE

IAS (kt)	110	140	160	180	200	220
RDL (ZAR)	111	112	113	115	117	120

FRUSTRADA: SUBIR EN R-107 ZAR HASTA VOR/DME ZAR. SUBIR EN R-287 ZAR HASTA 12.0 DME ZAR. VIRAR A LA IZQUIERDA DIRECTO AL VOR/DME ZAR ASCENDIENDO A 5000 PARA INTEGRARSE A LA ESPERA.
MISSED APCH: CLIMB ON R-107 ZAR TO VOR/DME ZAR. CLIMB ON R-287 ZAR TO 12.0 DME ZAR. TURN LEFT DIRECT TO VOR/DME ZAR CLIMBING TO 5000 AND HOLD.

NOTAS:
- PRECAUCIÓN: A PARTIR DE 5000 EXISTEN INTERFERENCIAS ENTRE LAS ÁREAS DE ESPERA Y LA ZONA LED70.

NOTES:
- CAUTION: STARTING FROM 5000 THERE IS INTERFERENCE BETWEEN HOLDING AREAS AND LED70.



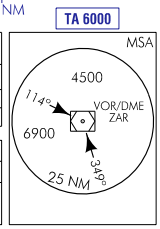
HGT REF ELEV THR RWY 30R

	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: 4.0 NM	ft/min	3:00	2:24	2:00	1:43	1:30	1:20
ROD: 5.2%	ft/min	418	522	627	731	835	940

ALT DME (ZAR) FNA												
13	12	11	10	9	8	7	6	5	4	3	2	1
								2140 (1310)	1830 (1000)	1520 (690)		



OBSTACLES, RENUMBERING.

CHANGES:

AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

VOR RWY 30R

POINT	LAT	LONG	TRUE BEARING	DME DISTANCE (NM)
VOR/DME ZAR (IAF)	413928.4N	0010151.1W	–	–
IF	413429.7N	0004134.2W	108.00° (ZAR)	16.00 DME ZAR
FAF	413736.8N	0005414.2W	108.00° (ZAR)	6.00 DME ZAR
MAPT	413851.2N	0005918.5W	108.00° (ZAR)	2.00 DME ZAR
Non-precision final approach - Slope (Descent angle)				5.16% (2.95°)