

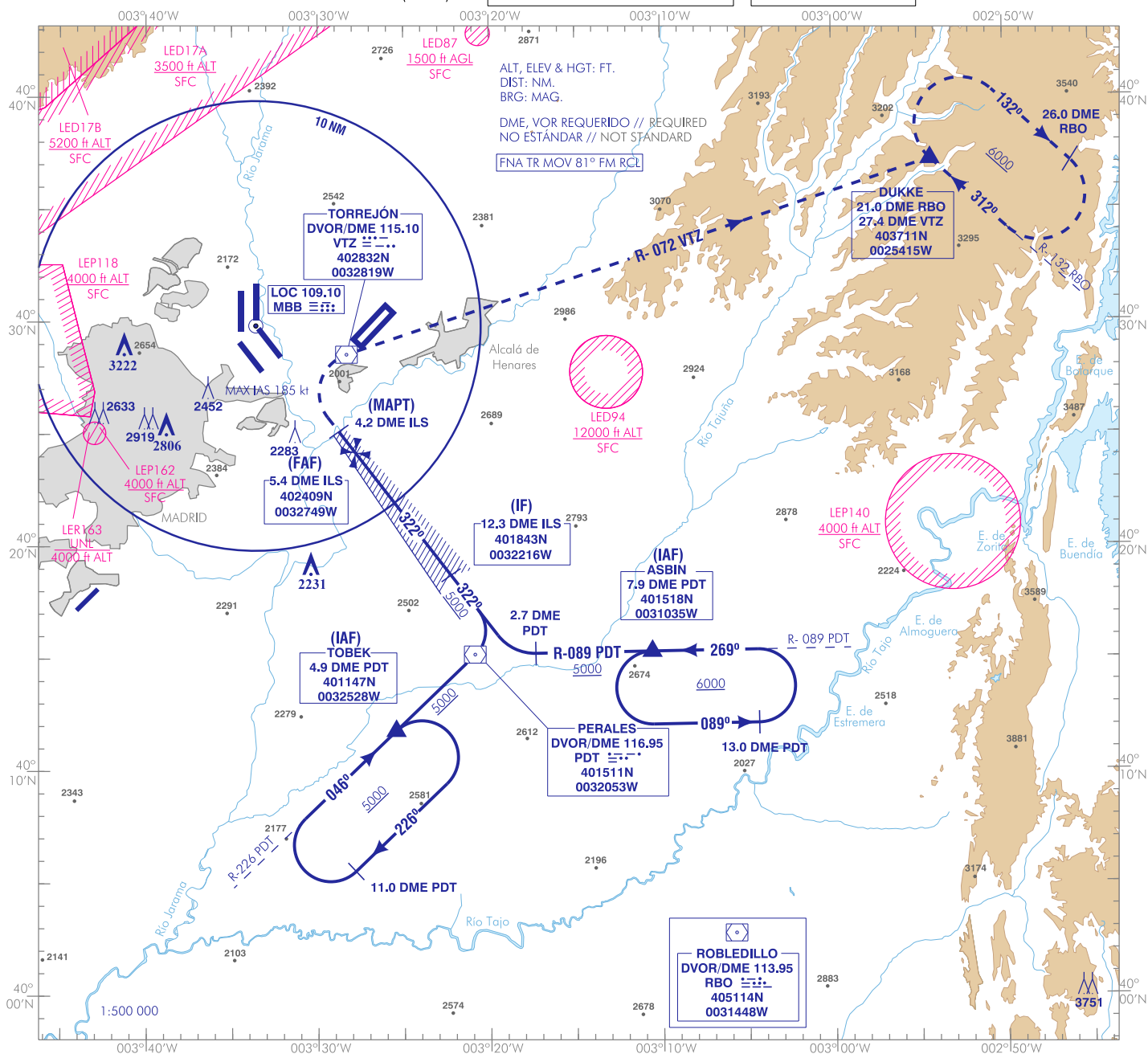
CARTA DE APROXIMACIÓN POR INSTRUMENTOS-MIPS

ELEV AD
2026
VAR 0° (2020)

TORREJÓN APP 119.950 MHz
MADRID APP 127.505 MHz
MADRID APP 127.100 MHz

TWR 122.100 MHz
GMC 118.300 MHz
GMC 396.900 MHz

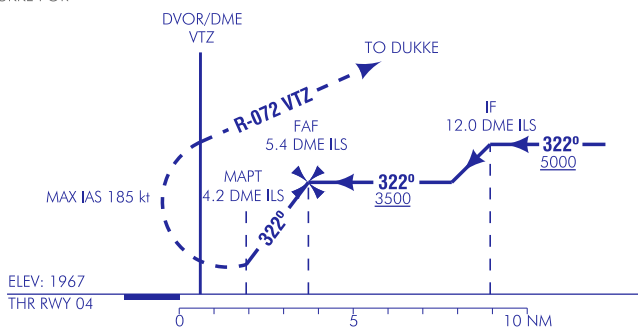
MADRID/Torrejón
LOC B



FRUSTRADA: VIRAR A LA DERECHA LO ANTES POSIBLE (IAS MAX EN VIRAJE 185 kt / HPMA 250 kt)
DIRECTO AL DVOR/DME VTZ PARA INTERCEPTAR Y SEGUIR R-072VTZ DIRECTO A DUKKE PARA
INTEGRARSE A LA ESPERA A 6000.
MISSED APPROACH: TURN RIGHT AS SOON AS POSSIBLE (MAX IAS ON TURN 185 kt / HPMA 250 kt)
DIRECT TO DVOR/DME VTZ TO INTERCEPT AND FOLLOW R-072 VTZ DIRECT TO DUKKE FOR
JOIN TO HOLDING TO 6000.

NOTAS:
- DISTANCIA MAPT -THR RWY 04: 5.0 NM

NOTES:
- DISTANCE MAPT -THR RWY 04: 5.0 NM

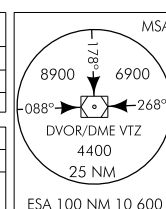


HGT REF ELEV AD

CAT	A	B	C	D	HPMA
S-LOC	RESTRINGIDA A CIRCUITO RESTRICTED TO CIRCLING				
CIRCUITO CIRCLING	3480/5.0 (1460) (1500-5.0)				

GS	kt	80	100	120	140	160	180
FAF-THR:							
FAF-MAPT:	min:s						
ROD:	ft/min						
ALT/HGT DME () FNA							
13	12	11	10	9	8	7	6
5	4	3	2	1			

TA 13000



MADRID/Torrejón AD

REQUISITOS DE LA BASE DE DATOS AERONÁUTICA
AERONAUTICAL DATABASE REQUIREMENTS

PROCEDIMIENTOS DE APROXIMACIÓN POR INSTRUMENTOS // INSTRUMENT APPROACH PROCEDURES

LOC B

PUNTO POINT	LAT	LONG	AZIMUT VERDADERO TRUE BEARING	DISTANCIA DME DME DISTANCE (NM)
ASBIN (IAF)	401518.3N	0031034.8W	089.00 (PDT)	7.88 DME PDT
TOBEK (IAF)	401146.7N	0032528.0W	226.00 (PDT)	4.89 DME PDT
IF	401842.6N	0032216.1W	142.03 (LOC MBB)	12.30 DME ILS
FAF	402409.3N	0032749.1W	142.03 (LOC MBB)	5.40 DME ILS
MAPT	402506.1N	0032847.1W	142.03 (LOC MBB)	4.20 DME ILS
DUKKE (MAHWP)	403711.2N	0025415.0W	131.83 (RBO) 071.41 (VTZ)	21.00 DME RBO 27.37 DME VTZ
Aproximación final de no precisión - Pendiente (Ángulo de descenso) // Non-precision final approach - Slope (Descent angle)				—