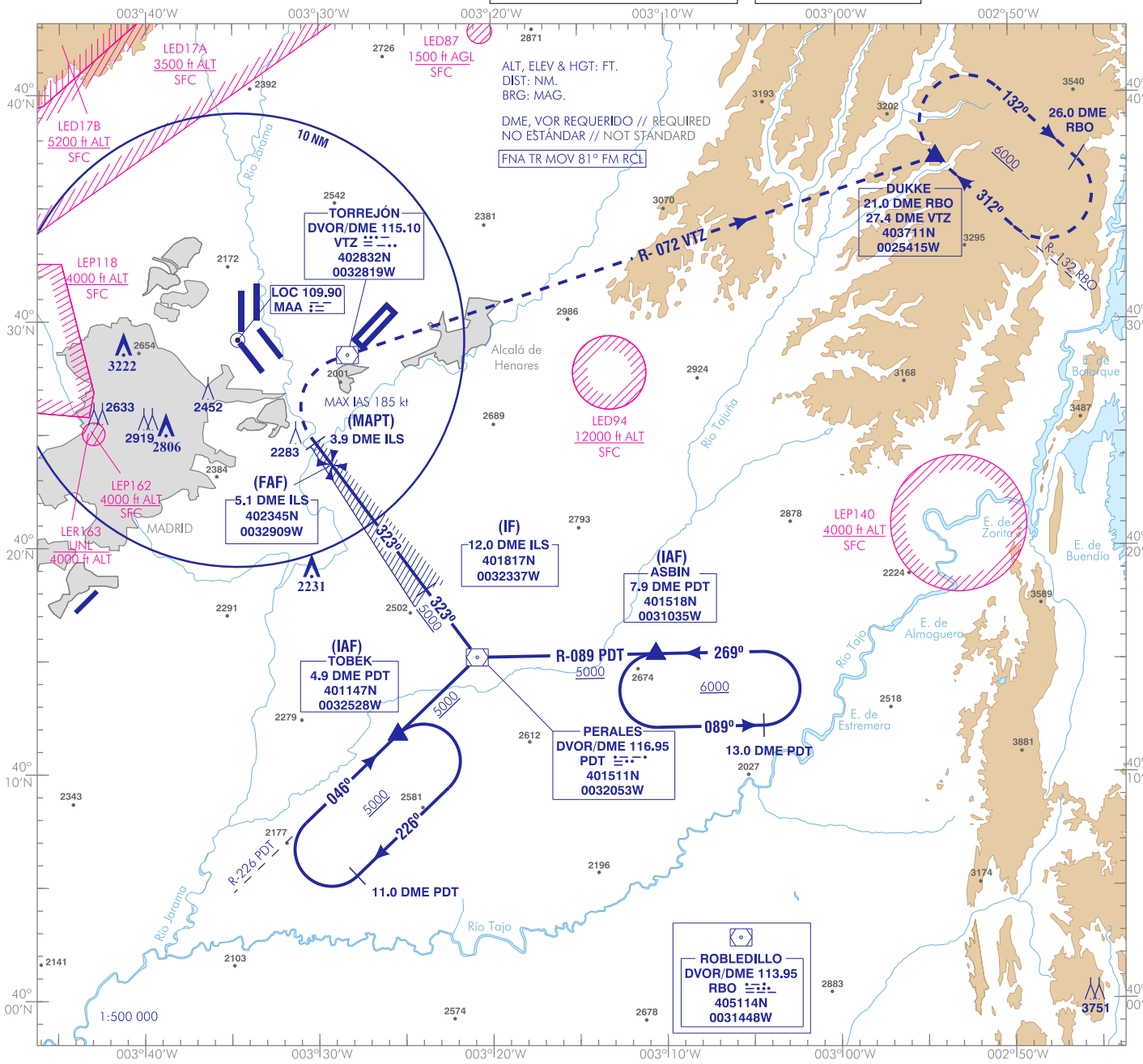
CARTA DE APROXIMACIÓN POR INSTRUMENTOS-MIPS

ELEV AD
2026
VAR 0° (2020)

TORREJÓN APP	119.950 MHz 258.925 MHz
MADRID APP	127.505 MHz 127.100 MHz

TWR	122.100 MHz 339.600 MHz
GMC	118.300 MHz 396.900 MHz

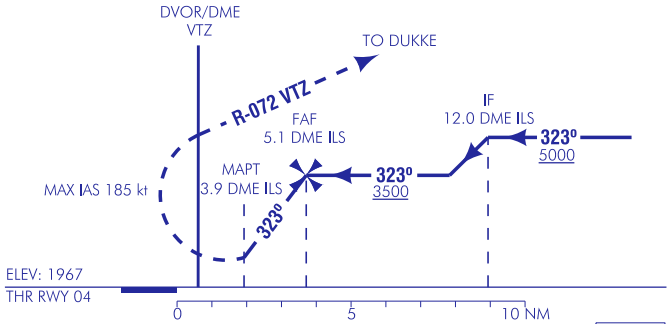
MADRID/Torrejón
LOC A



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-072 VTZ 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.



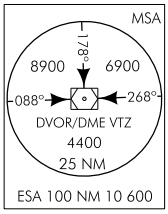
TA 13000

HGT REF ELEV AD

CAT	A	B	C	D	HPMA
S-LOC	RESTRINGIDA A CIRCUITO RESTRICTED TO CIRCLING				
CIRCUITO CIRCLING	3380/5.0 (1360) (1400-5.0)			3480/5.0 (1460) (1500-5.0)	3380/5.0 (1360) (1400-5.0)

GS	kt	80	100	120	140	160	180
FAP-THR:							
FAP-MAPT:	min:s						
ROD:	ft/min						

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



CAMBIOS: CAMBIO EDITORIAL.
CHANGES: EDITORIAL CHANGE.

MADRID/Torrejón AD

REQUISITOS DE LA BASE DE DATOS AERONÁUTICA
AERONAUTICAL DATABASE REQUIREMENTS

PROCEDIMIENTOS DE APROXIMACIÓN POR INSTRUMENTOS // INSTRUMENT APPROACH PROCEDURES

LOC A

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	401817.4N	0032337.1W	142.18 (LOC MAA)	12.00 DME ILS
FAF	402345.1N	0032908.5W	142.18 (LOC MAA)	5.10 DME ILS
MAPT	402442.0N	0033006.2W	142.18 (LOC MAA)	3.90 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)				–