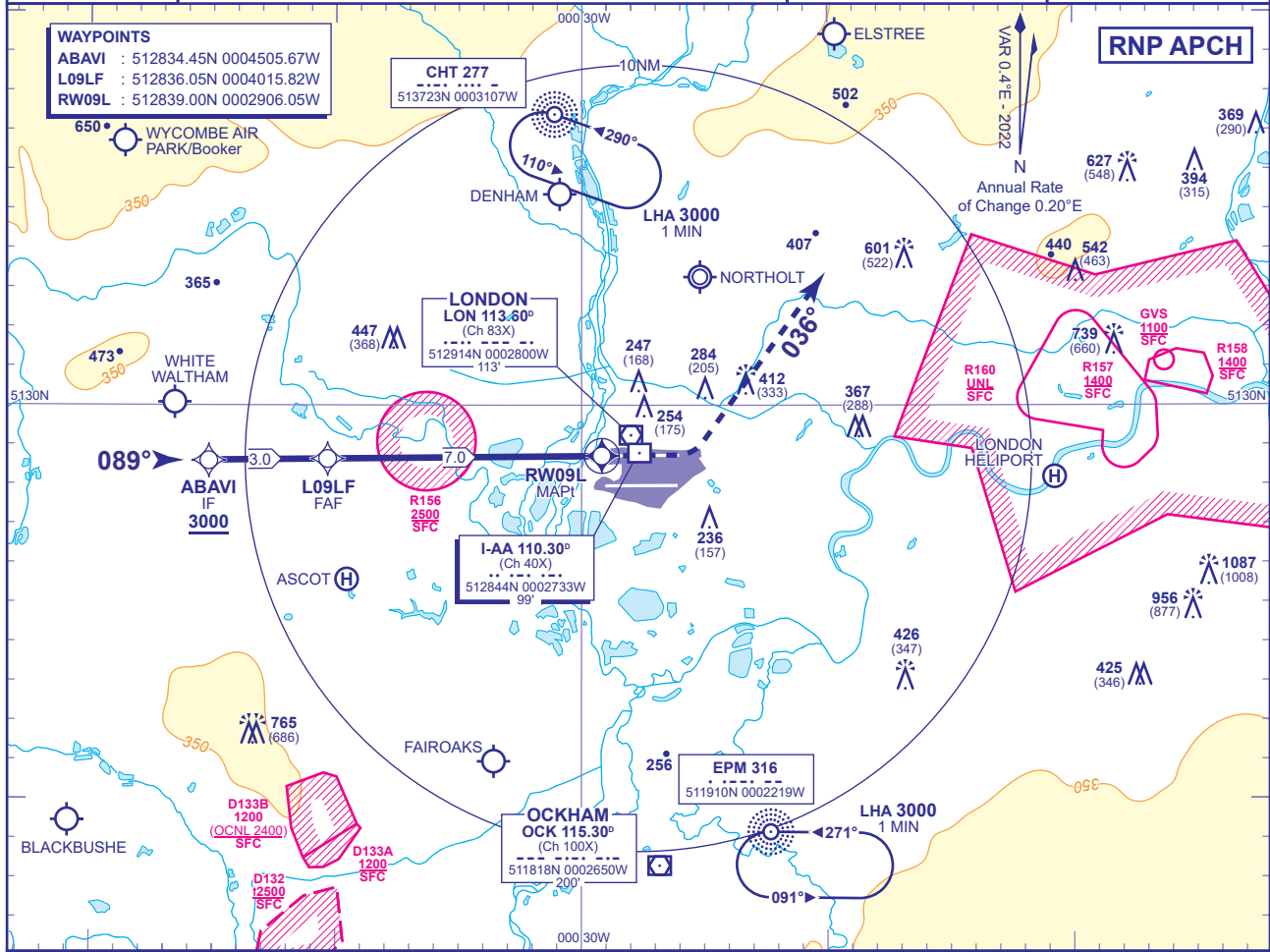


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MSA 25NM ARP

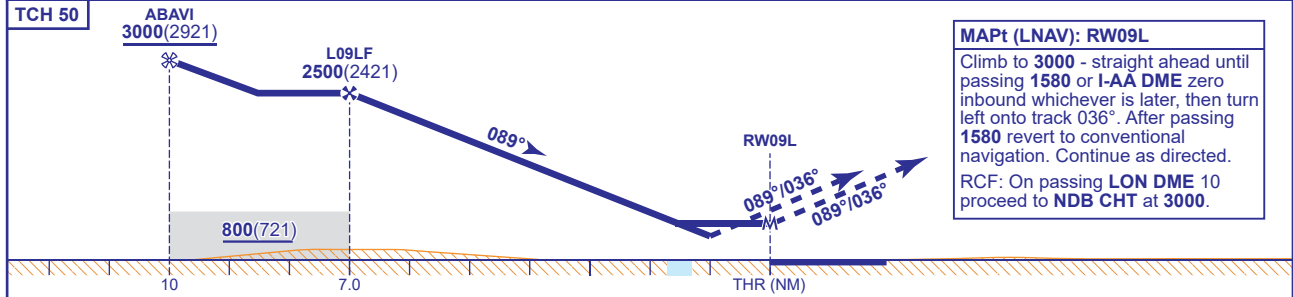
APP 119.730, 120.400, 127.525, 134.980	HEATHROW DIRECTOR	AD ELEVATION	83
TWR 118.505, 118.705, 124.475	HEATHROW TOWER	THR ELEVATION	79
RAD 125.625, 127.525	HEATHROW RADAR	OBSTACLE ELEVATION	1087 AMSL (1008) (ABOVE THR)
ATIS 128.080, 113.750, 117.000	HEATHROW INFORMATION	BEARINGS ARE MAGNETIC	

MIN TEMP -10°C
TRANSITION ALTITUDE 6000



RECOMMENDED PROFILE VERTICAL PATH ANGLE 3.2° (5.6%), 340FT/NM

NM to RW09L	6	5	4	3	2
ALT(HGT)	2170(2091)	1830(1751)	1490(1411)	1150(1071)	810(731)



Aircraft Category		A	B	C	D	Rate of descent	G/S KT	160	140	120	100	80
		OC A (OCH)	LNAV/VNAV	450(371)	460(381)		470(391)	540(461)	FT/MIN	910	790	680
VM(C)OCA (OCH AAL)	Total Area	770(687)	770(687)	940(857)	940(857)							

- NOTES**
- 1 Pilots should 'Request RNP Approach' on first contact with Heathrow Director.
 - 2 Aircraft will normally be radar vectored from the STAR Holding/Initial Approach Fixes.
 - 3 Missed Approach Procedure and RCF use conventional navigation aids and are not available without DME I-AA, DME LON and NDB CHT.
 - 4 PAPI angle is 3.0°.