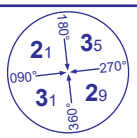
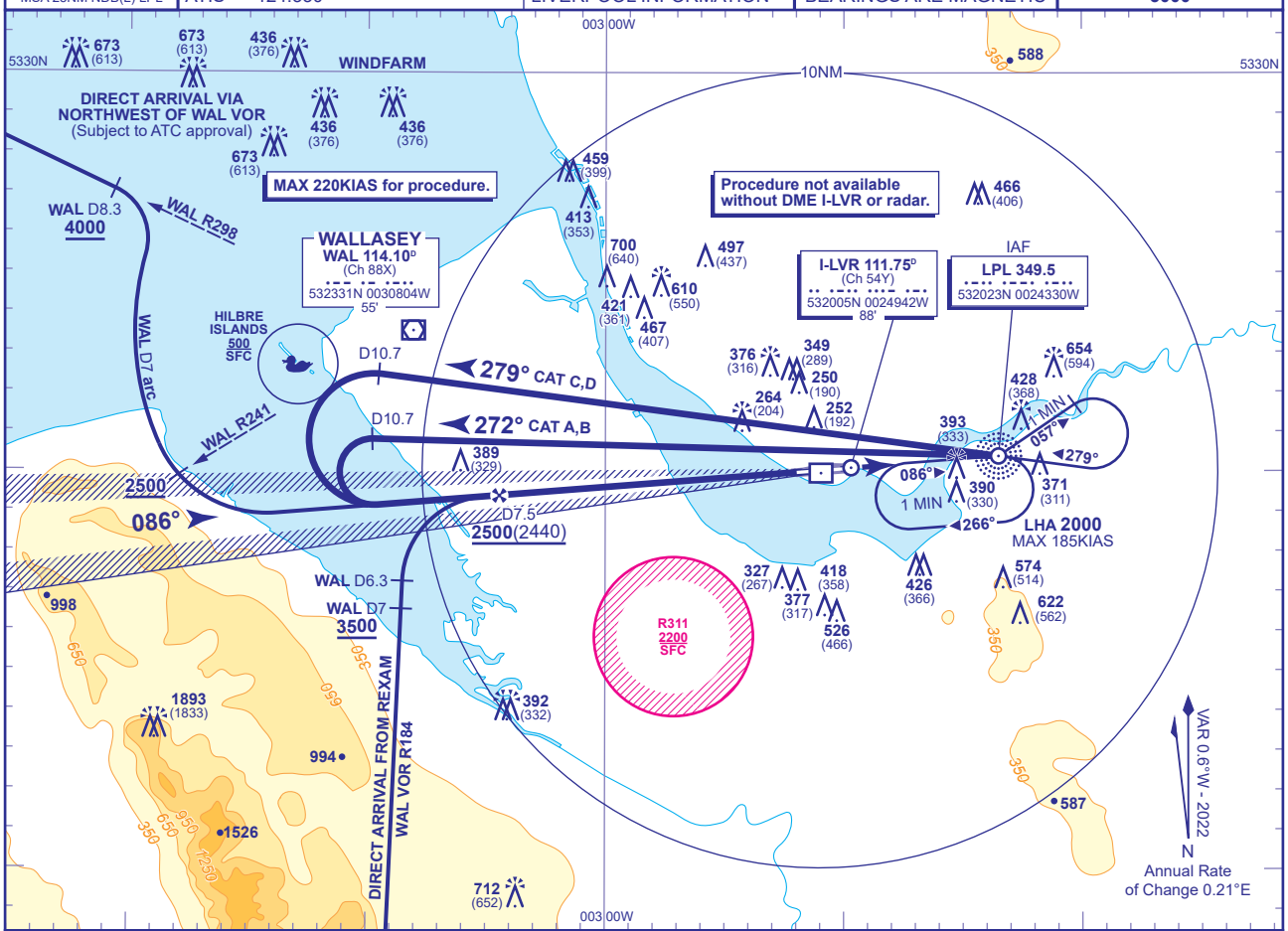
INSTRUMENT APPROACH CHART - ICAO

LIVERPOOL
ILS/DME/NDB(L)
RWY 09
(ACFT CAT A,B,C,D)



MSA 25NM NDB(L) LPL

APP	119.855	LIVERPOOL APPROACH	AD ELEVATION	81	TRANSITION ALTITUDE 5000
TWR	126.355	LIVERPOOL TOWER	THR ELEVATION	60	
	121.955	LIVERPOOL GROUND	OBSTACLE ELEVATION 1893 AMSL (1833) (ABOVE THR)		
RAD	118.455, 119.855	LIVERPOOL RADAR			
ATIS	124.330	LIVERPOOL INFORMATION	BEARINGS ARE MAGNETIC		

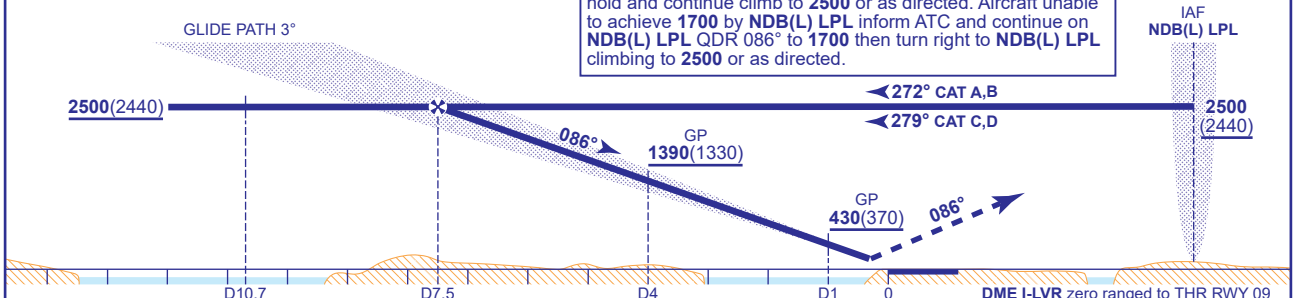


RECOMMENDED PROFILE GLIDE PATH 3°, 318FT/NM

DME I-LVR	7	6	5	4	3	2	1
ALT(HGT)	**2340**(2280)	**2020**(1960)	**1700**(1640)	**1390**(1330)	**1070**(1010)	**750**(690)	**430**(370)

RDH 54 Arrival **not below 2500** or higher **MSA**. Shuttle in hold as required.

Climb straight ahead to **NDB(L) LPL** climbing to **2500**. Aircraft which achieve **1700** (7% climb grad req) by **NDB(L) LPL** enter hold and continue climb to **2500** or as directed. Aircraft unable to achieve **1700** by **NDB(L) LPL** inform ATC and continue on **NDB(L) LPL** QDR 086° to **1700** then turn right to **NDB(L) LPL** climbing to **2500** or as directed.



Aircraft Category		A	B	C	D
OCA (OCH)	CAT I	**205**(145)	**216**(156)	**228**(168)	**241**(181)
VM(C)OCA (OCH AAL)	Total Area	**550**(469)	**670**(589)	**930**(849)	**970**(889)

Rate of descent	G/S KT	160	140	120	100	80
	FT/MIN	850	740	640	530	420

DIRECT ARRIVAL VIA REXAM
When cleared by ATC, from REXAM (IAF) (WAL VOR R184 WAL DME 19.6) continue inbound on WAL VOR R184. From WAL DME 16 descend **not below 3500**, after crossing WAL DME 7 continue descent to **2500**. See plan for continuation.

AIRCRAFT UNABLE TO RECEIVE DME I-LVR
Advise ATC. Radar ranges will be provided at 10.5NM outbound and at 7.5NM and 4NM inbound.

NOTE 1 Aircraft commencing the procedure from the NDB(L) LPL hold fly outbound on NDB(L) LPL QDR 057° for 1 MIN then base turn right to establish on QDM 099° inbound to NDB(L) LPL. From overhead NDB(L) LPL establish outbound on QDR appropriate to aircraft category.
2 Distance from NDB(L) LPL overhead to base turn left at I-LVR DME D10.7 is 15.7NM.

CHANGE (6/21): MAG VAR. MAG TRACKS. VM(C)OCA (OCH AAL) CAT D MINIMA REVISED.