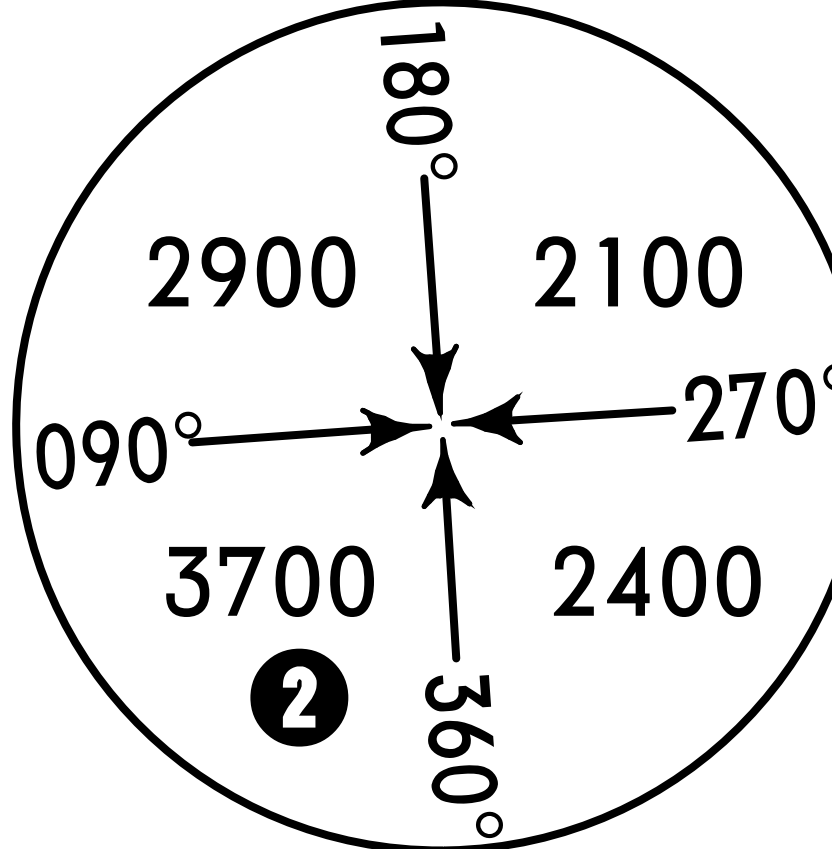
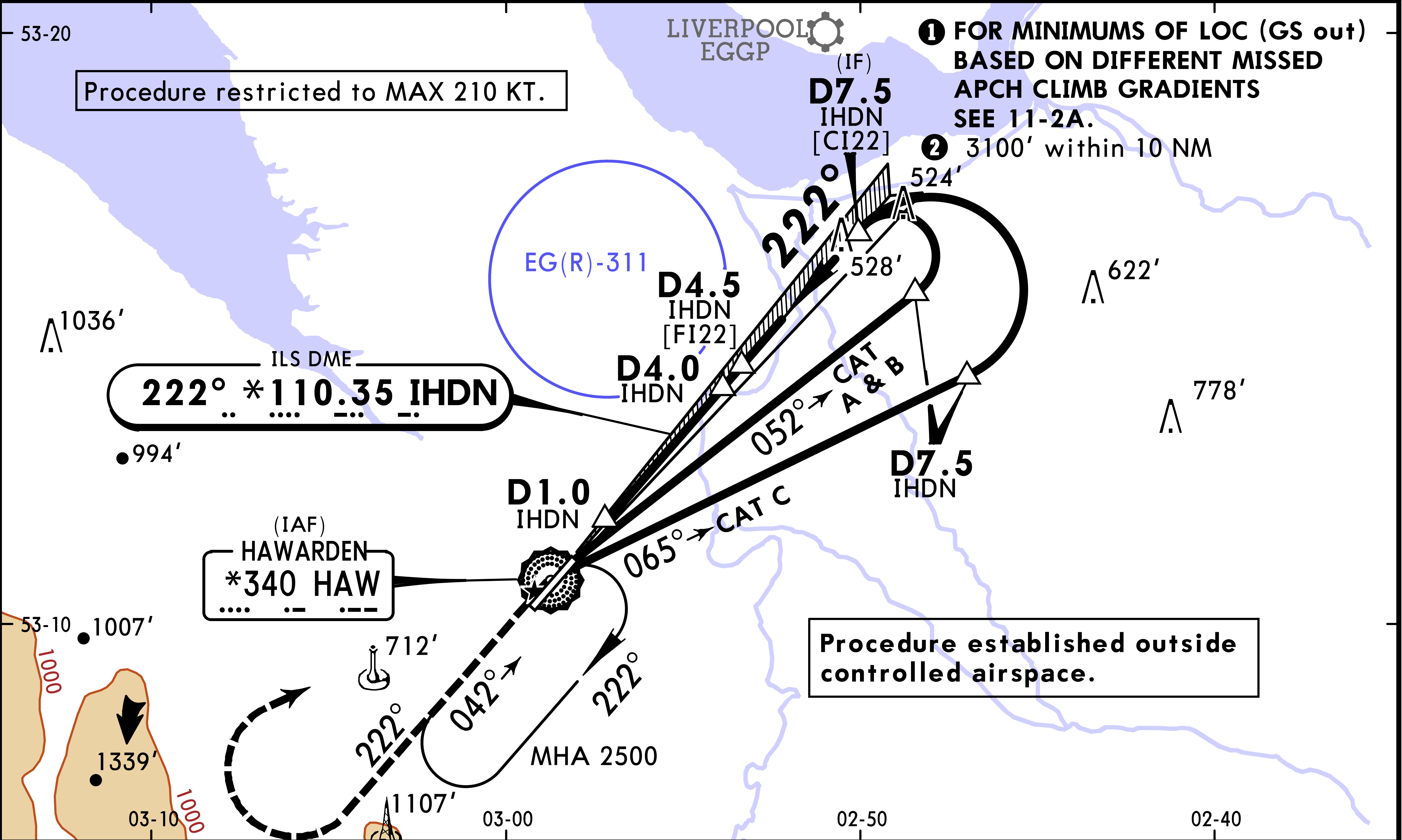
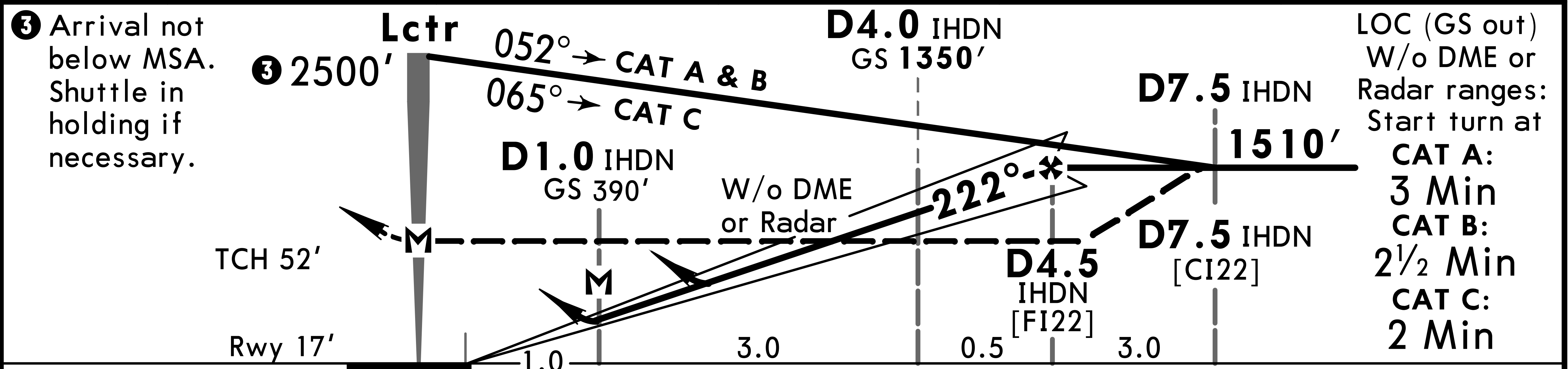


*ATIS 125.430		*HAWARDEN Radar 120.055		*HAWARDEN Director 130.015 _(by ATC)		*HAWARDEN Tower 124.955	
LOC IHDN *110.35	Final Apch Crs 222°	D4.5 IHDN 1510' (1493')		ILS DA(H) Refer to Minimums	Apt Elev 45' Rwy 17'		 MSA HAW Lctr
MISSED APCH: Climb STRAIGHT AHEAD to 2500', then turn RIGHT to Lctr at 2500', or as directed.							
Alt Set: hPa		Rwy Elev: 1 hPa		Trans level: By ATC		Trans alt: 5000'	
1. ILS DME reads zero at rwy 22 threshold. 2. Acft unable to receive DME advise ATC. Radar ranges will be given at 7.5 NM outbound and at 4.5 NM inbound.							



LOC (GS out)	IHDN DME	1.0	2.0	3.0	4.0
	ALTITUDE	390'	710'	1030'	1350'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 2500'
ILS GS or LOC Descent angle	3.00°	372	478	531	637	743	
With DME: MAP at D1.0 IHDN							
W/o DME or Radar ranges: MAP at Lctr							

Standard STRAIGHT-IN LANDING RWY 22				CIRCLE-TO-LAND			
Missed apch climb gradient mim 3.0%		Missed apch climb gradient mim 2.5%		East of rwy 04/22			
DA(H) A: 270' (253')		DA(H) A: 380' (363')					
B: 280' (263') C: 290' (273')		B: 390' (373') C: 400' (383')					
FULL		ALS out		FULL		ALS out	
A	RVR 1100m	RVR 1300m	RVR 1500m		Max Kts	MDA(H)VIS	MDA(H)VIS
B			RVR 1500m		100	700'(655') 1 1500m	800'(755') 1 1500m
C			RVR 1600m	RVR 1800m	135	800'(755') 1 1600m	900'(855') 1 1600m
D	NOT APPLICABLE			180	1500'(1455') 1 2400m	NOT APPLICABLE	
D	NOT APPLICABLE			D	NOT APPLICABLE		
1 or higher straight-in minimums.							