

PORTO, PORTUGAL  
ILS Rwy 17

D-ATIS Arrival

124.305

\*PORTO Approach

120.910

PORTO Tower

118.005

\*Ground

121.040

LOC PR

109.9

Final Apch Crs

171°

OM

1737' (1586')

ILS DA(H)

351' (200')

Apt Elev 227'

Rwy 151'

MISSED APCH: Proceed STRAIGHT AHEAD to FL060. When passing 3000' turn RIGHT to RETMO holding (D15.0/R-262 PRT). Contact Porto APPROACH. 4

Alt Set: hPa

Rwy Elev: 6 hPa

Trans level: By ATC

Trans alt: 4000'

1. PRT VOR DME required. 2. ILS DME reads zero at Rwy 17 threshold.

169°

000°

3000

3

5100

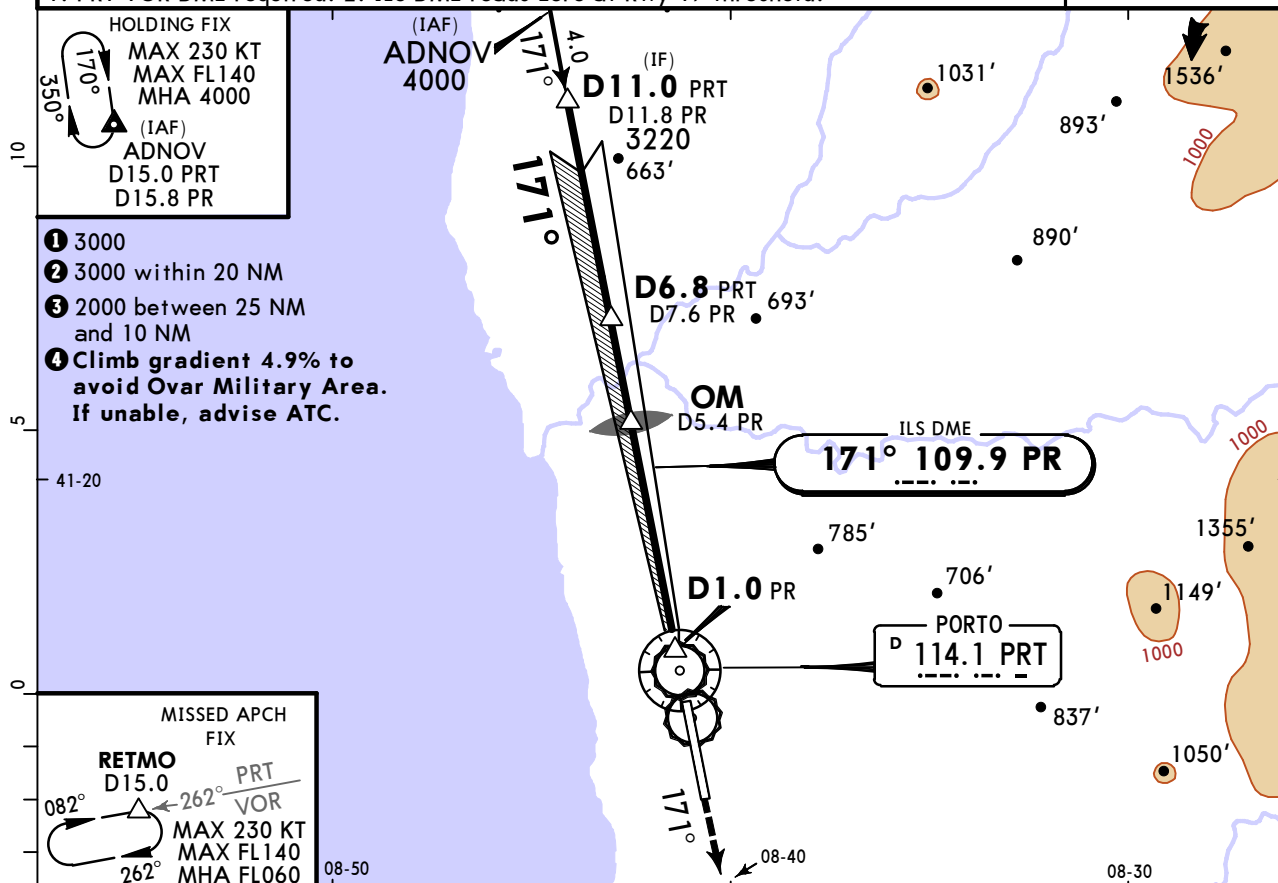
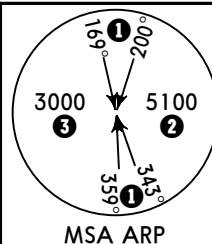
2

343°

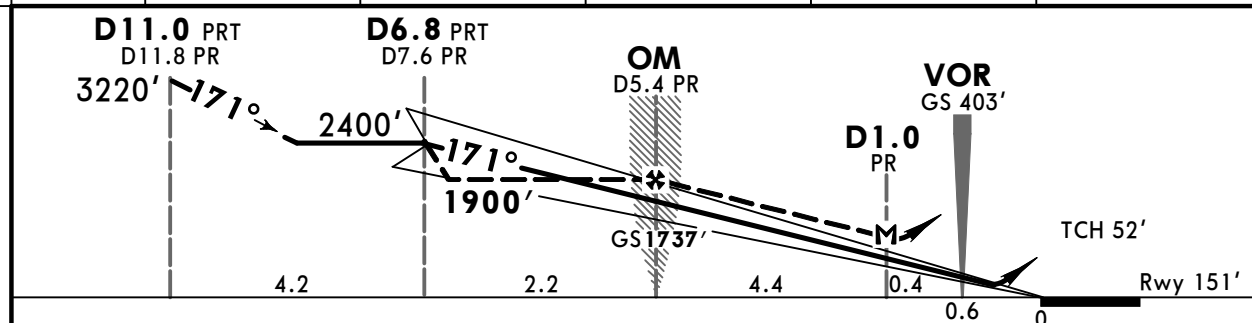
359°


1

MSA ARP



LOC (GS out)	PR DME	5.0	4.0	3.0	2.0
	ALTITUDE	1780'	1470'	1150'	840'



Gnd speed-Kts	70	90	100	120	140	160	
ILS GS 2.70°	334	430	478	573	669	764	
LOC Descent Angle 2.98°	369	474	527	633	738	843	
MAP at D1.0 PR							

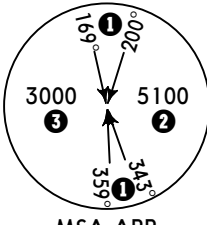
Std/State		STRAIGHT-IN LANDING				CIRCLE-TO-LAND			
		ILS		LOC (GS out)					
		DA(H) <b>351'</b> (200')		CDFA DA/MDA(H) <b>590'</b> (439')					
		TDZ/CL out		ALS out		West of runway		East of runway	
						Max KT	MDA(H)	MDA(H)	
A	R550m	<b>1</b> R550m	R1200m	<b>3</b> R1300m	R1500m	100	950' (723') V1500m	950' (723') V1500m	
B						135	950' (723') V1600m	950' (723') V1600m	
C					R2000m	180	950' (723') V2400m	1280' (1053') V2400m	
D						205	950' (723') V3600m	1280' (1053') V3600m	

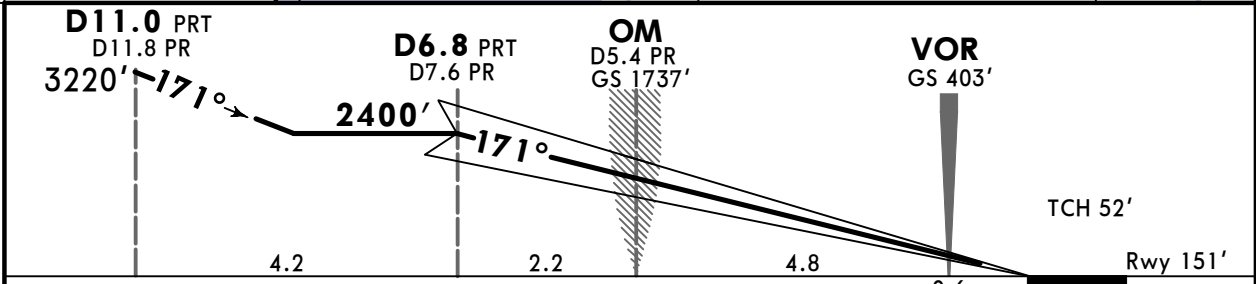
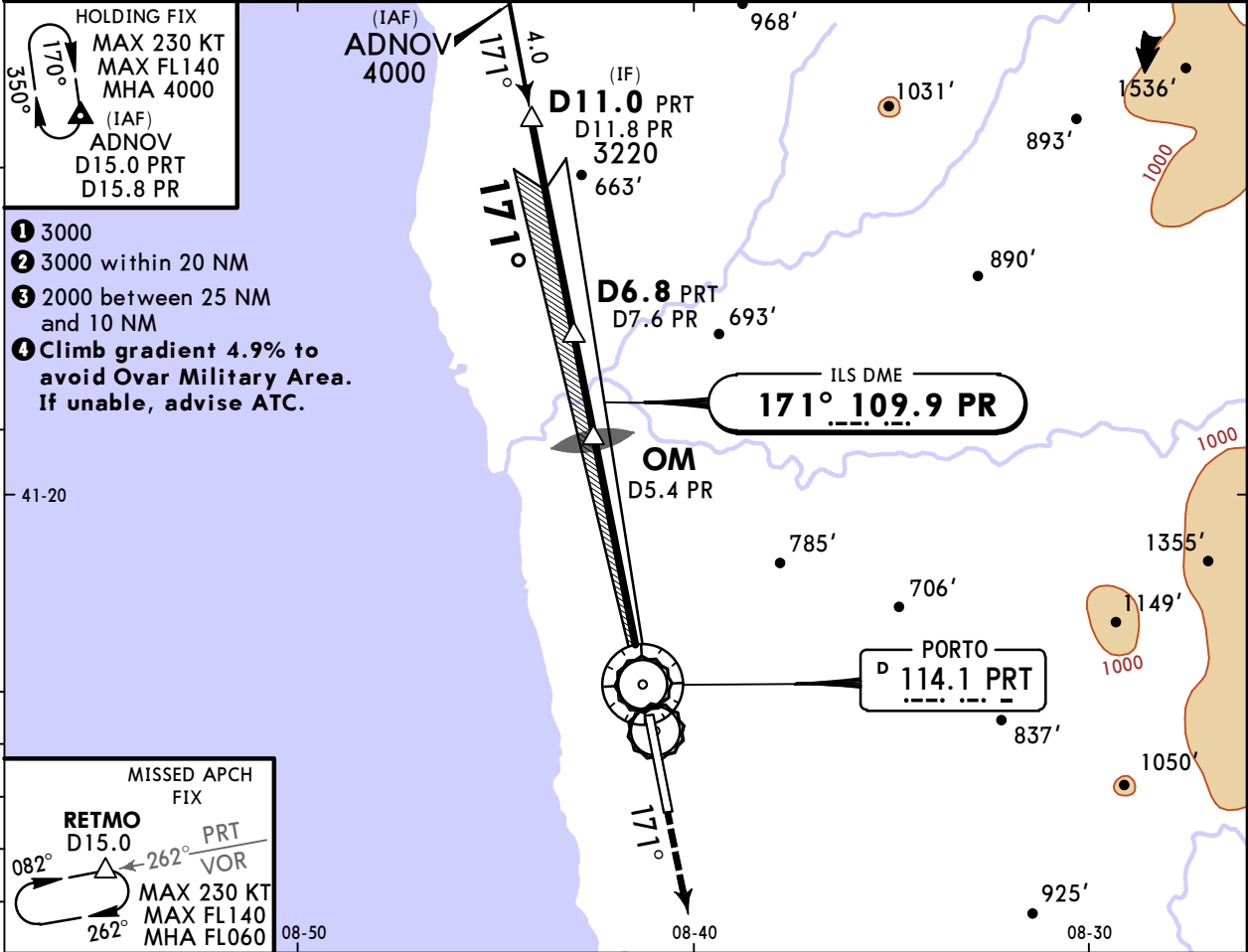
**2** VNAV DA(H) in lieu of MDA(H) depends on operator policy. **3** TDZ or CL out: R1300.

LPPR/OPO  
FRANCISCO SA CARNEIRO

JEPPESSEN  
1 NOV 24 11-1A

PORTO, PORTUGAL  
CAT II ILS Rwy 17

D-ATIS Arrival 124.305		*PORTO Approach 120.910		PORTO Tower 118.005		*Ground 121.040			
LOC PR 109.9	Final Apch Crs 171°	D6.8 PRT 2400' (2249')	CAT II ILS RA 108' DA(H) 251'(100')	Apt Elev 227' Rwy 151'					
MISSED APCH: Proceed STRAIGHT AHEAD to FL060. When passing 3000' turn RIGHT to RETMO holding (D15.0/R-262 PRT). Contact Porto APPROACH. 4									
Alt Set: hPa		Rwy Elev: 6 hPa		Trans level: By ATC				Trans alt: 4000'	
1. Special Aircrew & Acft Certification Required. 2. PRT VOR DME required. 3. ILS DME reads zero at Rwy 17 threshold.									



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	3000'
GS	2.70°	334	430	478	573	669		

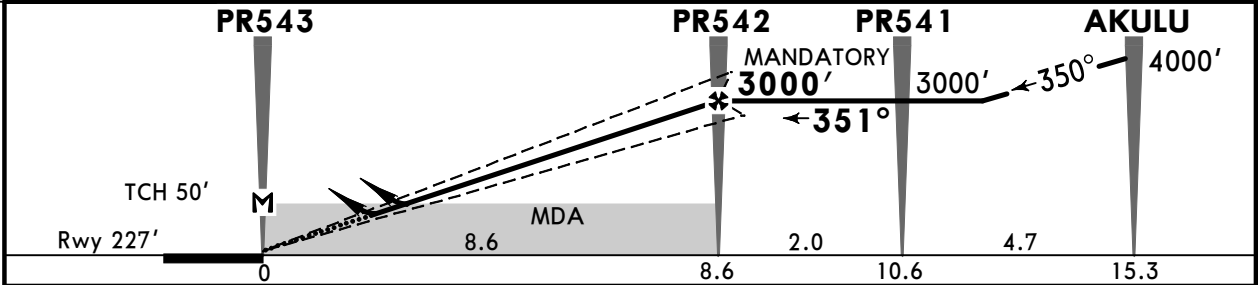
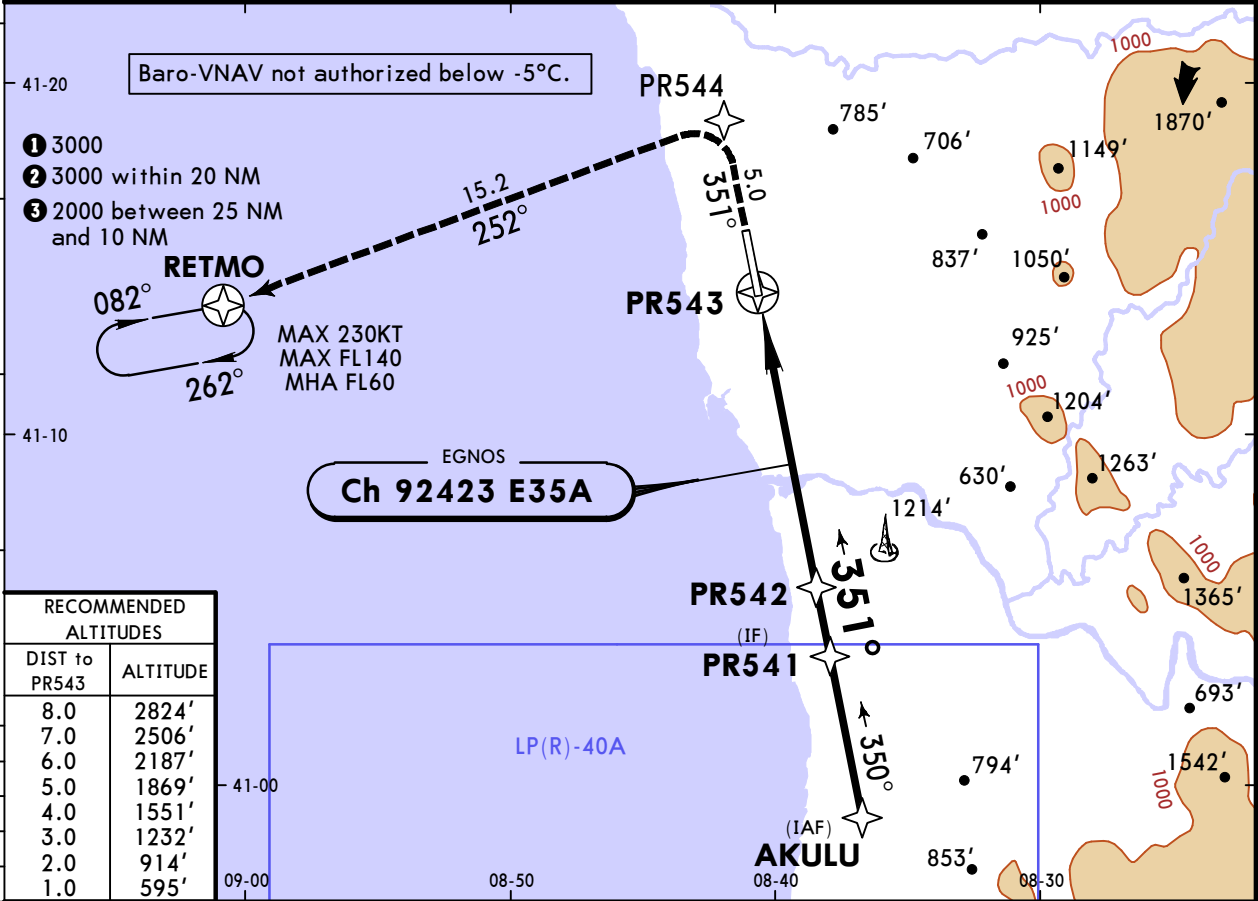
Std/State	STRAIGHT-IN LANDING CAT II ILS	
	RA 108'	
	DA(H) 251' (100')	
	R300m	
CAT D requires autoland or HUDLS, otherwise: R350m.		

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JEPPESEN  
1 NOV 24 (12-1)

PORTO, PORTUGAL  
RNP Rwy 35

D-ATIS Arrival		*PORTO Approach		PORTO Tower		*Ground				
124.305		120.910		118.005		121.040				
EGNOS Ch 92423 E35A		Final Apch Crs 351°		PR542 MANDATORY 3000' (2773')		LPV DA(H) 480' (253')		Apt Elev 227' Rwy 227'		
MISSED APCH: Proceed STRAIGHT AHEAD to PR544, then turn LEFT to RETMO holding. Climb to FL60. Contact Porto APPROACH.										
RNP Apch		Alt Set: hPa		Rwy Elev: 8 hPa		Trans level: By ATC		Trans alt: 4000'		
										MSA ARP



Gnd speed-Kts	70	90	100	120	140	160		PR544 ↑	LT ←	RETMO
Glide Path Angle	3.00°	372	478	531	637	743				
MAP at PR543										

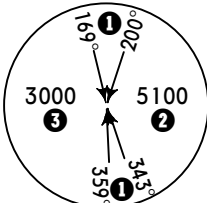
Std/State		STRAIGHT-IN LANDING				CIRCLE-TO-LAND			
LPV		LNAV/VNAV				LNAV CDFA			
DA(H) 480' (253')		A: 500' (273') B: 510' (283') C: 530' (303') D: 540' (313')				2 DA/MDA(H) 540' (313')			
ALS out		ALS out				ALS out			
A									
B	1 R600m	R1300m	1 R600m	R1300m	1 R650m	R1400m	1 3 R700m	R1400m	Max KT
C									100
D									135
									180
									205

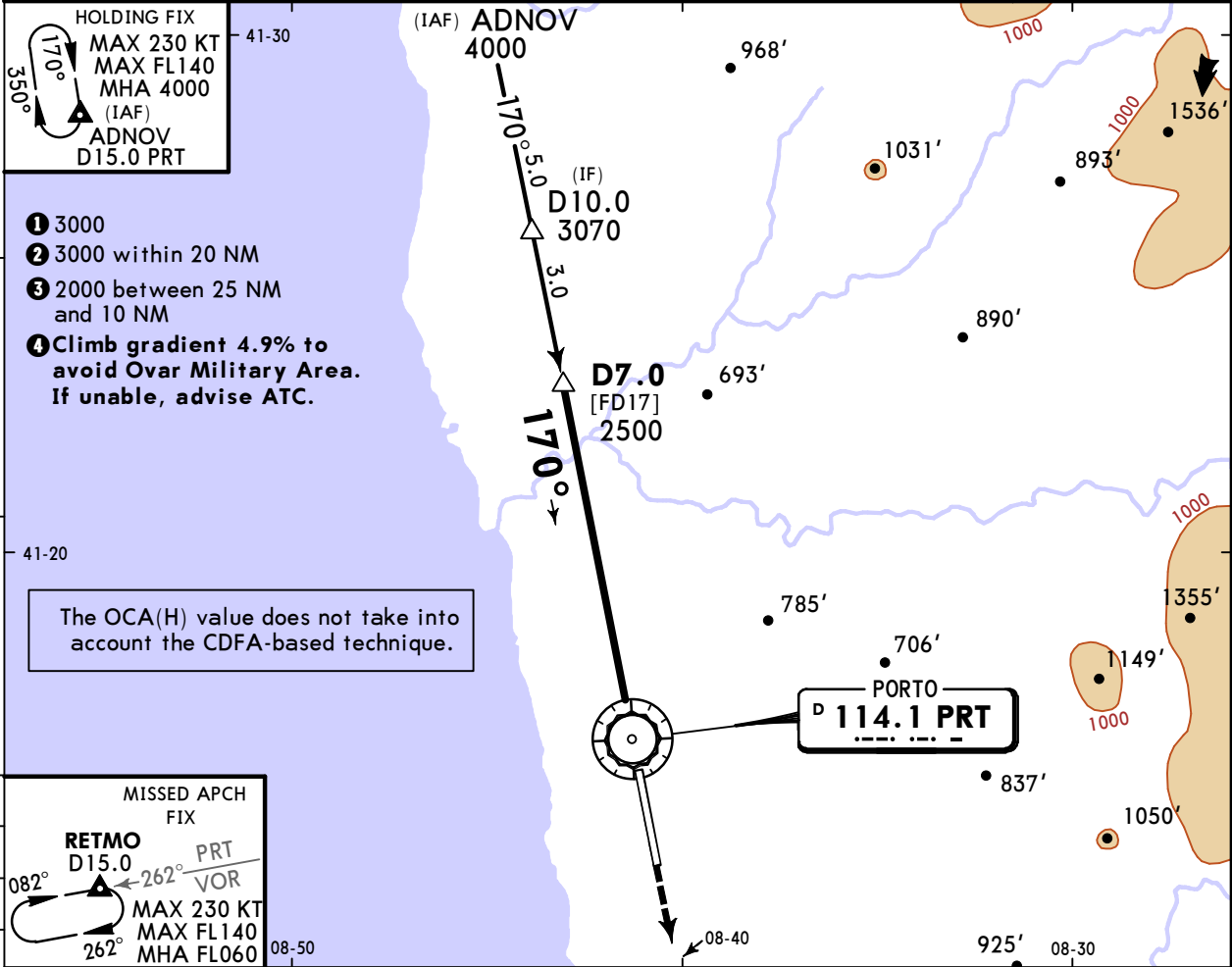
1 R750m when a Flight Director or Autopilot or HUDLS to DA is not used. 2 VNAV DA(H) in lieu of MDA(H) depends on operator policy. 3 R750m for CDFA 2D ops. 4 West of rwy: 950' (723').

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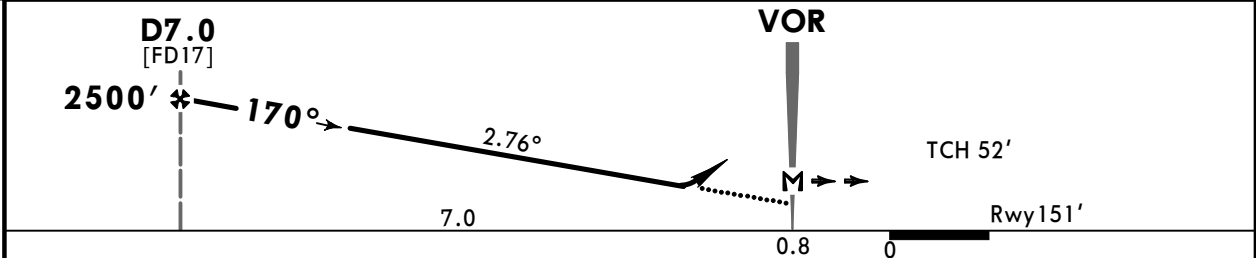
JEPPESEN  
1 NOV 24 (13-1)

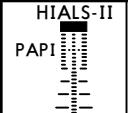
PORTO, PORTUGAL  
VOR Rwy 17

D-ATIS Arrival 124.305		*PORTO Approach 120.910		PORTO Tower 118.005		*Ground 121.040			
VOR PRT 114.1	Final Apch Crs 170°	D7.0 2500' (2349')	DA/MDA(H) 590' (439')	Apt Elev 227'  Rwy 151'					
MISSED APCH: Proceed STRAIGHT AHEAD to FL060. When passing 3000' turn RIGHT to RETMO holding (D15.0/R-262). Contact Porto APPROACH. ④									
Alt Set: hPa		Rwy Elev: 6 hPa		Trans level: By ATC				Trans alt: 4000'	
DME required.									



PRT DME	7.0	6.0	5.0	4.0	3.0	2.0	1.0
ALTITUDE	2500'	2210'	1910'	1610'	1300'	1010'	720'



Gnd speed-Kts	70	90	100	120	140	160		3000'
Descent Angle	2.76°	342	439	488	586	683		
MAP at VOR								

Std/State				STRAIGHT-IN LANDING				CIRCLE-TO-LAND			
				CDFA							
				① DA/MDA(H) 590' (439')							
				TDZ or CL out		ALS out		West of runway		East of runway	
								Max KT	MDA(H)	MDA(H)	
A	R1300m		R1300m			R1500m		100	950' (723') V1500m	950' (723') V1500m	
B								135	950' (723') V1600m	950' (723') V1600m	
C								180	950' (723') V2400m	1280' (1053') V2400m	
D								205	950' (723') V3600m	1280' (1053') V3600m	

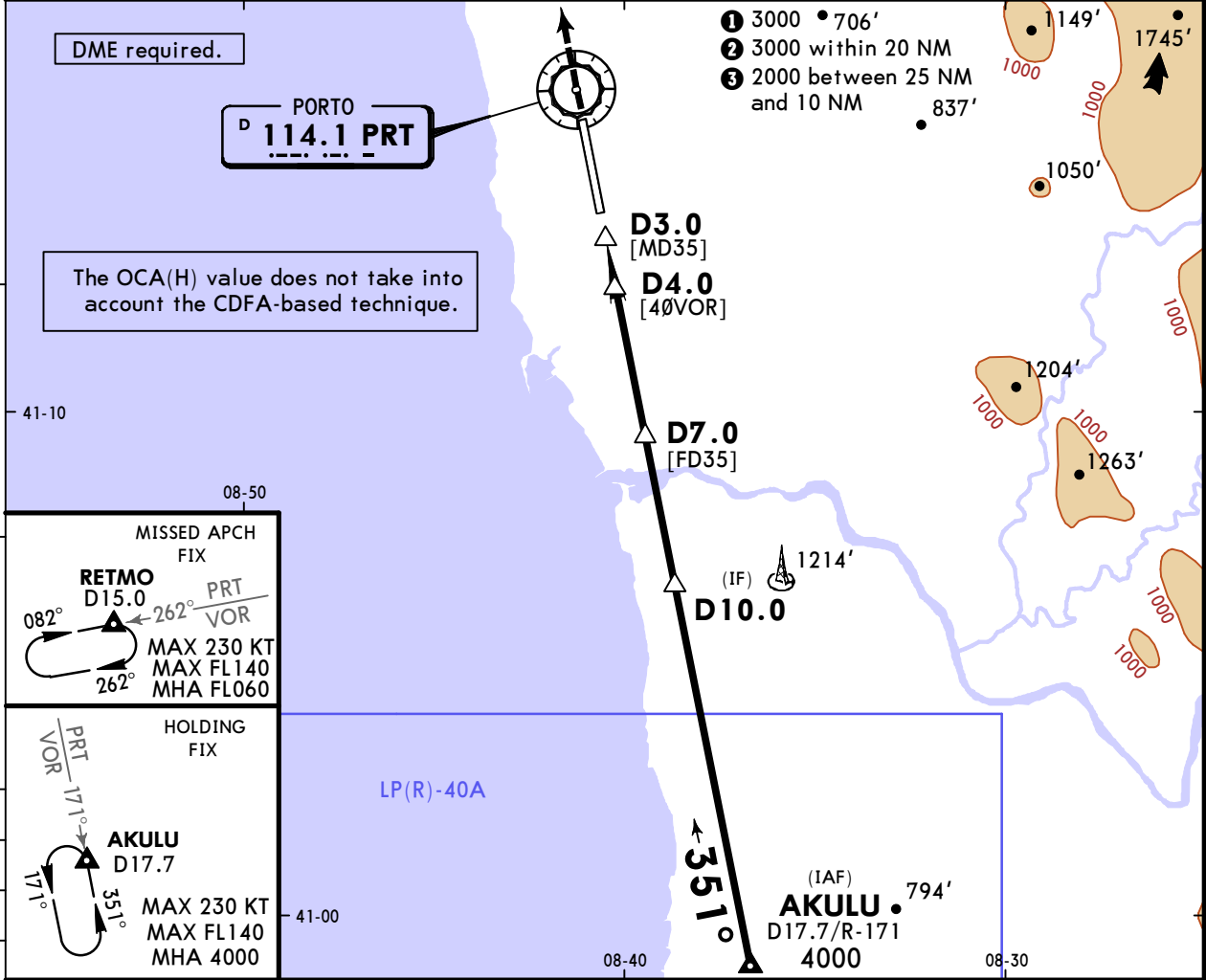
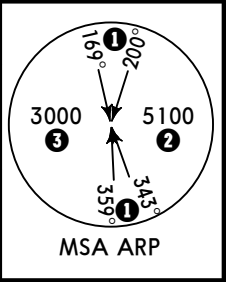
① VNAV DA(H) in lieu of MDA(H) depends on operator policy.

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FRANCISCO SA CARNEIRO

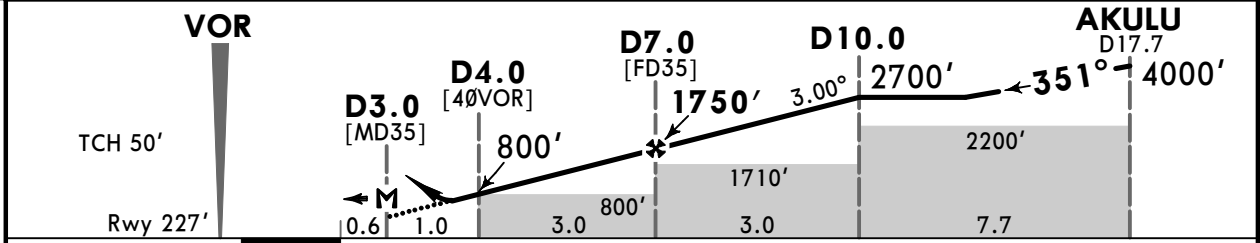
JEPPESSEN  
1 NOV 24 (13-2)

PORTO, PORTUGAL  
VOR Rwy 35

D-ATIS Arrival 124.305	*PORTO Approach 120.910	PORTO Tower 118.005	*Ground 121.040
VOR PRT 114.1	Final Apch Crs 351°	D7.0 1750' (1523')	DA/MDA(H) 600' (373') Apt Elev 227' Rwy 227'
MISSED APCH: Proceed STRAIGHT AHEAD to FL060. When passing 3000' turn LEFT to RETMO holding (D15.0/R-262). Contact Porto APPROACH.			
Alt Set: hPa	Rwy Elev: 8 hPa	Trans level: By ATC	Trans alt: 4000'



PRT DME	4.0	5.0	6.0	7.0
ALTITUDE	800'	1120'	1440'	1750'



Gnd speed-Kts	70	90	100	120	140	160	HIALS REIL PAPI 3000'
Descent Angle	3.00°	372	478	531	637	743	
MAP at D3.0							

Std/State		STRAIGHT-IN LANDING		CIRCLE-TO-LAND				
		CDFA		West of runway		East of runway		
		I DA/MDA(H) 600' (373')		Max KT	MDA(H)		MDA(H)	
		ALS out						
A	R1000m	R1500m		100	950' (723') V1500m	950' (723') V1500m		
B				135	950' (723') V1600m	950' (723') V1600m		
C		R1700m		180	950' (723') V2400m	1280' (1053') V2400m		
D				205	950' (723') V3600m	1280' (1053') V3600m		

VNAV DA(H) in lieu of MDA(H) depends on operator policy.