



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**  
A United Nations Specialized Agency



# Procedure Design Refresher Course (online)

## Main topic: Baro-VNAV

(15th-17th/April/2024)



# Tentative Agenda

Notes:	Schedule & Topics (Day 1)			
<p>1. All schedules are Beijing time(UTC+8)</p>	<p><b>Brief Overview Of DOC 8168 Session</b></p>	09:00-09:05	<p><b>Opening Remarks</b></p>	
		09:05-09:50	<p><b>Doc 8168 Seventh Edition</b></p>	<p><i>A brief overview of latest DOC 8168</i></p>
		10:00-10:50	<p><b>Doc 9613 (PBN Manual)</b></p>	<p><i>Main topic: DOC 9613 updating</i></p>
<p>2. Each Q&amp;A session (10 min) will follow each presentation</p>	<p><b>Baro-VNAV Session</b></p>	<p><b>Break</b></p>		
		11:10-11:50	<p><b>Baro-VNAV (Introduction)</b></p>	<p><i>Instructions to Baro-VNAV, including review of RNP APCH.</i></p>
		12:00-12:50	<p><b>Baro-VNAV (Approach segment)</b></p>	<p><i>Final approach segment (FAS) and the intersection between FAS and intermediate segment</i></p>

# Tentative Agenda

Notes:	Schedule & Topics (Day 2)			
<p>1. All schedules are Beijing time(UTC+8)</p> <p>2. Each Q&amp;A session (10 min) will follow each presentation</p>	<b>Baro-VNAV Session</b>	09:05-09:50	<b>Baro-VNAV (Missed approach segment)</b>	<i>Ground surface and Missed approach surface (Z surface)</i>
		10:00-10:50	<b>Baro-VNAV (OCH calculation)</b>	<i>HL (Height loss), Equivalent height of Missed approach Obstacles, OCH calculation</i>
	<b>Break</b>			
	<b>Baro-VNAV Session</b>	11:10-11:50	<b>Practical Exercise about Baro-VNAV OCH calculation</b>	<i>A exercise Under the guidance of the instructors.</i>
		12:00-12:50	<b>Offset Baro-VNAV</b>	<i>An offset final approach track &amp; Protection area based on this track</i>

# Tentative Agenda

Notes:	Schedule & Topics (Day 3)			
<p>1. All schedules are Beijing time(UTC+8)</p> <p>2. Each Q&amp;A session (10 min) will follow each presentation</p>	<b>GBAS/SBAS Session</b>	09:05-09:50	<b>GBAS/SBAS procedure design</b>	<i>A brief overview of GBAS/SBAS procedure design</i>
		10:00-10:50	<b>FAS data block</b>	<i>The application of the FAS data block (Take GBAS/SBAS as example)</i>
	<b>Break</b>			
	<b>RNAV+ ILS Session</b>	11:10-11:50	<b>RF turn</b>	<i>RF turn protection area</i>
		12:00-12:50	<b>RNAV combined with ILS</b>	<i>Combined intermediate(PBN) and final approach area(ILS), Combined final approach area(ILS) and Missed approach segment (PBN)</i>
		12:55-13:00	<b>Sum Up and close</b>	



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