



## REPUBLIC OF LITHUANIA

---

Phone:	+370 706 94 613	SE "ORO NAVIGACIJA"	<b>AIC: A 006/2021</b>
Fax:	+370 706 94 614	Aeronautical Information Service	<b>Effective Date: 17-Jun-2021</b>
AFS:	EYVNYOYX	Balio Karvelio Str. 25	<b>Publication Date: 21-Apr-2021</b>
URL:	www.ans.lt	LT-02184 Vilnius, Lithuania	
Email:	ais@ans.lt		

---

### **A 006. OBSTACLE CLEARANCE ALTITUDE (HEIGHT), OPERATING AND TAKE-OFF MINIMA FOR VILNIUS, PALANGA AND KAUNAS AERODROMES**

*Replaces AIC A 002/2021.*

Pursuant to Order No. 2BE-288 of director of Lithuanian Transport Safety Administration issued on 11 September 2020, the following Obstacle Clearance Altitude (Height), the Operating and Take-off minima for Vilnius, Palanga and Kaunas aerodromes are approved:

Appendix 1. Obstacle clearance altitude (height) OCA, OCH for Vilnius aerodrome.

Appendix 2. Operating minima for Vilnius aerodrome.

Appendix 3. Take-off minima for Vilnius aerodrome.

Appendix 4. Obstacle clearance altitude (height) OCA, OCH for Palanga aerodrome.

Appendix 5. Operating minima for Palanga aerodrome.

Appendix 6. Take-off minima for Palanga aerodrome.

Appendix 7. Obstacle clearance altitude (height) OCA, OCH for Kaunas aerodrome.

Appendix 8. Operating minima for Kaunas aerodrome.

Appendix 9. Take-off minima for Kaunas aerodrome.

**- END -**

THIS PAGE INTENTIONALLY LEFT BLANK

## OBSTACLE CLEARANCE ALTITUDE (HEIGHT) OCA, OCH FOR VILNIUS AERODROME

Approach procedure		Aircraft speed category			
		A	B	C	D
		OCA(H), FT			
RWY 01	ILS CAT II	<b>696'</b> (101')	<b>714'</b> (119')	<b>747'</b> (152')	<b>761'</b> (166')
	ILS CAT I	<b>806'</b> (211')	<b>818'</b> (223')	<b>843'</b> (248')	<b>853'</b> (258')
	LPV	<b>878'</b> (283')	<b>891'</b> (296')	<b>899'</b> (304')	<b>909'</b> (314')
	LNAV/VNAV	<b>940'</b> (350')	<b>950'</b> (360')	<b>960'</b> (370')	<b>970'</b> (380')
	LOC	<b>980'</b> (390')	<b>980'</b> (390')	<b>980'</b> (390')	<b>980'</b> (390')
	LNAV	<b>1030'</b> (430')	<b>1030'</b> (430')	<b>1030'</b> (430')	<b>1030'</b> (430')
	VOR	<b>1060'</b> (470')	<b>1060'</b> (470')	<b>1060'</b> (470')	<b>1060'</b> (470')
	NDB	<b>1010'</b> (410')	<b>1010'</b> (410')	<b>1010'</b> (410')	<b>1010'</b> (410')
	NDB (when SDF not received)	<b>1100'</b> (510')	<b>1100'</b> (510')	<b>1100'</b> (510')	<b>1100'</b> (510')
RWY 19	ILS CAT I	<b>903'</b> (254')	<b>915'</b> (266')	<b>923'</b> (274')	<b>933'</b> (284')
	LPV	<b>923'</b> (274')	<b>936'</b> (287')	<b>944'</b> (295')	<b>954'</b> (305')
	LNAV/VNAV	<b>930'</b> (280')	<b>940'</b> (290')	<b>950'</b> (300')	<b>960'</b> (310')
	LOC	<b>1040'</b> (400')	<b>1040'</b> (400')	<b>1040'</b> (400')	<b>1040'</b> (400')
	LOC (when SDF not received)	<b>1070'</b> (420')	<b>1070'</b> (420')	<b>1070'</b> (420')	<b>1070'</b> (420')
	LNAV	<b>1060'</b> (410')	<b>1060'</b> (410')	<b>1060'</b> (410')	<b>1060'</b> (410')
	VOR	<b>1190'</b> (540')	<b>1190'</b> (540')	<b>1190'</b> (540')	<b>1190'</b> (540')
	NDB	<b>1050'</b> (400')	<b>1050'</b> (400')	<b>1050'</b> (400')	<b>1050'</b> (400')
	NDB (when SDF not received)	<b>1170'</b> (520')	<b>1170'</b> (520')	<b>1170'</b> (520')	<b>1170'</b> (520')
Circling Approach		<b>1110'</b> (470')	<b>1240'</b> (590')	<b>1340'</b> (690')	Not applicable

## OPERATING MINIMA FOR VILNIUS AERODROME

Approach procedure		Aircraft speed category			
		A	B	C	D
		DA(H), MDA(H) / RVR (FALS <sup>1</sup> and NALS <sup>2</sup> )			
RWY 01	ILS CAT II	<b>696'</b> (101') <b>R350</b>	<b>714'</b> (119') <b>R350</b>	<b>747'</b> (152') <b>R450</b>	<b>761'</b> (166') <b>R450</b>
	ILS CAT I	<b>806'</b> (211') <b>R550</b> R1200	<b>818'</b> (223') <b>R550</b> R1200	<b>843'</b> (248') <b>R550</b> R1300	<b>853'</b> (258') <b>R600</b> R1300
	LPV	<b>878'</b> (283') <b>R650</b> R1400	<b>891'</b> (296') <b>R650</b> R1400	<b>899'</b> (304') <b>R700</b> R1400	<b>909'</b> (314') <b>R700</b> R1400
	LNAV/VNAV	<b>940'</b> (350') <b>R900</b> R1500	<b>950'</b> (360') <b>R900</b> R1500	<b>960'</b> (370') <b>R1000</b> R1700	<b>970'</b> (380') <b>R1000</b> R1700
	LOC	<b>980'</b> (390') <b>R1100</b> R1500	<b>980'</b> (390') <b>R1100</b> R1500	<b>980'</b> (390') <b>R1100</b> R1800	<b>980'</b> (390') <b>R1100</b> R1800
	LNAV	<b>1030'</b> (430') <b>R1300</b> R1500	<b>1030'</b> (430') <b>R1300</b> R1500	<b>1030'</b> (430') <b>R1300</b> R2000	<b>1030'</b> (430') <b>R1300</b> R2000
	VOR	<b>1060'</b> (470') <b>R1500</b> R2100	<b>1060'</b> (470') <b>R1500</b> R2100	<b>1060'</b> (470') <b>R1900</b> R2600	<b>1060'</b> (470') <b>R1900</b> R2600
	NDB	<b>1010'</b> (410') <b>R1200</b> R2100	<b>1010'</b> (410') <b>R1200</b> R2100	<b>1010'</b> (410') <b>R1200</b> R2100	<b>1010'</b> (410') <b>R1200</b> R2100
	NDB (when SDF not received)	<b>1100'</b> (510') <b>R1800</b> R2600	<b>1100'</b> (510') <b>R1800</b> R2600	<b>1100'</b> (510') <b>R2000</b> R2800	<b>1100'</b> (510') <b>R2000</b> R2800
RWY 19	ILS CAT I	<b>903'</b> (254') <b>R600</b> R1300	<b>915'</b> (266') <b>R600</b> R1300	<b>923'</b> (274') <b>R600</b> R1300	<b>933'</b> (284') <b>R650</b> R1400
	LPV	<b>923'</b> (274') <b>R600</b> R1300	<b>936'</b> (287') <b>R650</b> R1400	<b>944'</b> (295') <b>R650</b> R1400	<b>954'</b> (305') <b>R700</b> R1400
	LNAV/VNAV	<b>930'</b> (280') <b>R600</b> R1300	<b>940'</b> (290') <b>R650</b> R1400	<b>950'</b> (300') <b>R650</b> R1400	<b>960'</b> (310') <b>R700</b> R1400
	LOC	<b>1040'</b> (400') <b>R1100</b> R1500	<b>1040'</b> (400') <b>R1100</b> R1500	<b>1040'</b> (400') <b>R1100</b> R1800	<b>1040'</b> (400') <b>R1100</b> R1800
	LOC (when SDF not received)	<b>1070'</b> (420') <b>R1400</b> R2100	<b>1070'</b> (420') <b>R1400</b> R2100	<b>1070'</b> (420') <b>R1600</b> R2300	<b>1070'</b> (420') <b>R1600</b> R2300
	LNAV	<b>1060'</b> (410') <b>R1200</b> R1500	<b>1060'</b> (410') <b>R1200</b> R1500	<b>1060'</b> (410') <b>R1200</b> R1900	<b>1060'</b> (410') <b>R1200</b> R1900
	VOR	<b>1190'</b> (540') <b>R1500</b> R2100	<b>1190'</b> (540') <b>R1500</b> R2100	<b>1190'</b> (540') <b>R2100</b> R2800	<b>1190'</b> (540') <b>R2100</b> R2800
	NDB	<b>1050'</b> (400') <b>R1200</b> R2100	<b>1050'</b> (400') <b>R1200</b> R2100	<b>1050'</b> (400') <b>R1200</b> R2100	<b>1050'</b> (400') <b>R1200</b> R2100
	NDB (when SDF not received)	<b>1170'</b> (520') <b>R1800</b> R2600	<b>1170'</b> (520') <b>R1800</b> R2600	<b>1170'</b> (520') <b>R2000</b> R2800	<b>1170'</b> (520') <b>R2000</b> R2800
Circling Approach Visibility, m	<b>1110'</b> (470') 1500	<b>1240'</b> (590') 1600	<b>1340'</b> (690') 2400	Not applicable	

<sup>1</sup>FALS – Full approach lighting system<sup>2</sup>NALS – No approach lighting system

TAKE-OFF MINIMA FOR VILNIUS AERODROME

Take off RWY 01, 19					
LVP must be valid				RCLM (day only) or RL	NIL (day only)
RL, RCLL and mult. RVR		HIRL and RCLL	HIRL or CL		
<b>A</b>	150 m	200 m	250 m	400 m	500 m
<b>B</b>					
<b>C</b>					
<b>D</b>	200 m	250 m	300 m		

**OBSTACLE CLEARANCE ALTITUDE (HEIGHT) OCA, OCH FOR PALANGA AERODROME**

Approach procedure		Aircraft speed category			
		A	B	C	D
		OCA(H), FT			
RWY 01	LPV	<b>283'</b> (250')	<b>286'</b> (253')	<b>294'</b> (261')	<b>304'</b> (271')
	LNAV/VNAV	<b>290'</b> (250')	<b>290'</b> (260')	<b>300'</b> (270')	<b>310'</b> (280')
	LNAV	<b>470'</b> (440')	<b>470'</b> (440')	<b>470'</b> (440')	<b>470'</b> (440')
	NDB	<b>400'</b> (360')	<b>400'</b> (360')	<b>400'</b> (360')	<b>400'</b> (360')
	NDB (when SDF not received)	<b>470'</b> (440')	<b>470'</b> (440')	<b>470'</b> (440')	<b>470'</b> (440')
RWY 19	ILS CAT I	<b>250'</b> (218')	<b>262'</b> (230')	<b>270'</b> (238')	<b>281'</b> (249')
	LOC	<b>380'</b> (350')	<b>380'</b> (350')	<b>380'</b> (350')	<b>380'</b> (350')
	LNAV	<b>410'</b> (380')	<b>410'</b> (380')	<b>410'</b> (380')	<b>410'</b> (380')
	NDB	<b>410'</b> (380')	<b>410'</b> (380')	<b>410'</b> (380')	<b>410'</b> (380')
	NDB (when SDF not received)	<b>530'</b> (490')	<b>530'</b> (490')	<b>530'</b> (490')	<b>530'</b> (490')
Circling Approach		<b>460'</b> (430')	<b>710'</b> (680')	<b>860'</b> (820')	Not applicable

**OPERATING MINIMA FOR PALANGA AERODROME**

Approach procedure		Aircraft speed category			
		A	B	C	D
		DA(H), MDA(H) / RVR (FALS <sup>1</sup> and NALS <sup>2</sup> )			
RWY 01	LPV	<b>283'</b> (250') <b>R550</b> R1300	<b>286'</b> (253') <b>R600</b> R1300	<b>294'</b> (261') <b>R600</b> R1300	<b>304'</b> (271') <b>R600</b> R1300
	LNAV/VNAV	<b>290'</b> (250') <b>R550</b> R1300	<b>290'</b> (260') <b>R600</b> R1300	<b>300'</b> (270') <b>R600</b> R1300	<b>310'</b> (280') <b>R600</b> R1300
	LNAV	<b>470'</b> (440') <b>R1300</b> R1500	<b>470'</b> (440') <b>R1300</b> R1500	<b>470'</b> (440') <b>R1300</b> R2000	<b>470'</b> (440') <b>R1300</b> R2000
	NDB	<b>400'</b> (360') <b>R900</b> R1500	<b>400'</b> (360') <b>R900</b> R1500	<b>400'</b> (360') <b>R900</b> R1600	<b>400'</b> (360') <b>R900</b> R1600
	NDB (when not received)	<b>470'</b> (440') <b>R1500</b> R2200	<b>470'</b> (440') <b>R1500</b> R2200	<b>470'</b> (440') <b>R1700</b> R2400	<b>470'</b> (440') <b>R1700</b> R2400
RWY 19	ILS CAT I	<b>250'</b> (218') <b>R550</b> R1200	<b>262'</b> (230') <b>R550</b> R1200	<b>270'</b> (238') <b>R550</b> R1200	<b>281'</b> (249') <b>R550</b> R1300
	LOC	<b>380'</b> (350') <b>R900</b> R1500	<b>380'</b> (350') <b>R900</b> R1500	<b>380'</b> (350') <b>R900</b> R1600	<b>380'</b> (350') <b>R900</b> R1600
	LNAV	<b>410'</b> (380') <b>R1000</b> R1500	<b>410'</b> (380') <b>R1000</b> R1500	<b>410'</b> (380') <b>R1000</b> R1700	<b>410'</b> (380') <b>R1000</b> R1700
	NDB	<b>410'</b> (380') <b>R1000</b> R1500	<b>410'</b> (380') <b>R1000</b> R1500	<b>410'</b> (380') <b>R1000</b> R1700	<b>410'</b> (380') <b>R1000</b> R1700
	NDB (when not received)	<b>530'</b> (490') <b>R1700</b> R2500	<b>530'</b> (490') <b>R1700</b> R2500	<b>530'</b> (490') <b>R1900</b> R2700	<b>530'</b> (490') <b>R1900</b> R2700
Circling Approach Visibility, m		<b>460'</b> (430') 1500	<b>710'</b> (680') 2400	<b>860'</b> (820') 3600	Not applicable

<sup>1</sup>FALS – Full approach lighting system

<sup>2</sup>NALS – No approach lighting system

**TAKE-OFF MINIMA FOR PALANGA AERODROME**

<b>Take off RWY 01, 19</b>			
<b>LVP must be valid</b>		RCLM (day only) or RL	NIL (day only)
RCLM (day only) or RL			
<b>A</b>	250 m	400 m	500 m
<b>B</b>			
<b>C</b>			
<b>D</b>			



**OBSTACLE CLEARANCE ALTITUDE (HEIGHT) OCA, OCH FOR KAUNAS AERODROME**

Approach procedure		Aircraft speed category			
		A	B	C	D
		OCA(H), FT			
RWY 08	ILS CAT I	<b>492'</b> (253')	<b>504'</b> (265')	<b>512'</b> (273')	<b>523'</b> (284')
	LPV	<b>511'</b> (272')	<b>524'</b> (285')	<b>532'</b> (293')	<b>542'</b> (303')
	LNAV/VNAV	<b>520'</b> (280')	<b>530'</b> (290')	<b>540'</b> (300')	<b>550'</b> (310')
	LOC	<b>630'</b> (390')	<b>630'</b> (390')	<b>630'</b> (390')	<b>630'</b> (390')
	LNAV	<b>630'</b> (390')	<b>630'</b> (390')	<b>630'</b> (390')	<b>630'</b> (390')
	VOR	<b>780'</b> (540')	<b>780'</b> (540')	<b>780'</b> (540')	<b>780'</b> (540')
	VOR (when SDF not received)	<b>810'</b> (570')	<b>810'</b> (570')	<b>810'</b> (570')	<b>810'</b> (570')
	NDB	<b>630'</b> (390')	<b>630'</b> (390')	<b>630'</b> (390')	<b>630'</b> (390')
	NDB (when SDF not received)	<b>810'</b> (570')	<b>810'</b> (570')	<b>810'</b> (570')	<b>810'</b> (580')
RWY 26	ILS CAT II	<b>408'</b> (150')	<b>425'</b> (167')	<b>436'</b> (178')	<b>451'</b> (193')
	ILS CAT I	<b>496'</b> (238')	<b>508'</b> (250')	<b>516'</b> (258')	<b>526'</b> (268')
	LPV	<b>508'</b> (250')	<b>520'</b> (262')	<b>529'</b> (271')	<b>539'</b> (281')
	LNAV/VNAV	<b>510'</b> (250')	<b>520'</b> (270')	<b>530'</b> (280')	<b>540'</b> (290')
	LNAV	<b>630'</b> (370')	<b>630'</b> (370')	<b>630'</b> (370')	<b>630'</b> (370')
	LOC	<b>620'</b> (360')	<b>620'</b> (360')	<b>620'</b> (360')	<b>620'</b> (360')
	VOR	<b>630'</b> (370')	<b>630'</b> (370')	<b>630'</b> (370')	<b>630'</b> (370')
	VOR (when SDF not received)	<b>660'</b> (400')	<b>660'</b> (400')	<b>660'</b> (400')	<b>660'</b> (400')
	NDB	<b>630'</b> (370')	<b>630'</b> (370')	<b>630'</b> (370')	<b>630'</b> (370')
NDB (when SDF not received)	<b>660'</b> (400')	<b>660'</b> (400')	<b>660'</b> (400')	<b>660'</b> (400')	
Circling Approach		<b>710'</b> (450')	<b>760'</b> (500')	<b>1230'</b> (970')	Not applicable

**OPERATING MINIMA FOR KAUNAS AERODROME**

Approach procedure		Aircraft speed category			
		A	B	C	D
		DA(H), MDA(H) / RVR (FALS <sup>1</sup> and NALS <sup>2</sup> )			
RWY 08	ILS CAT I	<b>492'</b> (253') <b>R600</b> R1300	<b>504'</b> (265') <b>R600</b> R1300	<b>512'</b> (273') <b>R600</b> R1300	<b>523'</b> (284') <b>R650</b> R1400
	LPV	<b>511'</b> (272') <b>R600</b> R1300	<b>524'</b> (285') <b>R650</b> R1400	<b>532'</b> (293') <b>R650</b> R1400	<b>542'</b> (303') <b>R700</b> R1400
	LNAV/VNAV	<b>520'</b> (280') <b>R600</b> R1300	<b>530'</b> (290') <b>R650</b> R1400	<b>540'</b> (300') <b>R650</b> R1400	<b>550'</b> (310') <b>R700</b> R1400
	LNAV	<b>630'</b> (390') <b>R1100</b> R1500	<b>630'</b> (390') <b>R1100</b> R1500	<b>630'</b> (390') <b>R1100</b> R1800	<b>630'</b> (390') <b>R1100</b> R1800
	LOC	<b>630'</b> (390') <b>R1100</b> R1500	<b>630'</b> (390') <b>R1100</b> R1500	<b>630'</b> (390') <b>R1100</b> R1800	<b>630'</b> (390') <b>R1100</b> R1800
	VOR	<b>780'</b> (540') <b>R1500</b> R2100	<b>780'</b> (540') <b>R1500</b> R2100	<b>780'</b> (540') <b>R2100</b> R2800	<b>780'</b> (540') <b>R2100</b> R2800
	VOR (when SDF not received)	<b>810'</b> (570') <b>R2100</b> R2800	<b>810'</b> (570') <b>R2100</b> R2800	<b>810'</b> (570') <b>R2300</b> R3000	<b>810'</b> (570') <b>R2300</b> R3000
	NDB	<b>630'</b> (390') <b>R1100</b> R1500	<b>630'</b> (390') <b>R1100</b> R1500	<b>630'</b> (390') <b>R1100</b> R1800	<b>630'</b> (390') <b>R1100</b> R1800
	NDB (when SDF not received)	<b>810'</b> (570') <b>R2100</b> R2800	<b>810'</b> (570') <b>R2100</b> R2800	<b>810'</b> (570') <b>R2300</b> R3000	<b>810'</b> (570') <b>R2300</b> R3000
RWY 26	ILS CAT II	<b>408'</b> (150') <b>R450</b>	<b>425'</b> (167') <b>R450</b>	<b>436'</b> (178') <b>R450</b>	<b>451'</b> (193') <b>R500</b>
	ILS CAT I	<b>496'</b> (238') <b>R550</b> R1200	<b>508'</b> (250') <b>R550</b> R1300	<b>516'</b> (258') <b>R600</b> R1300	<b>526'</b> (268') <b>R600</b> R1300
	LPV	<b>508'</b> (250') <b>R550</b> R1300	<b>520'</b> (262') <b>R600</b> R1300	<b>529'</b> (271') <b>R600</b> R1300	<b>539'</b> (281') <b>R650</b> R1400
	LNAV/VNAV	<b>510'</b> (250') <b>R550</b> R1300	<b>520'</b> (270') <b>R600</b> R1300	<b>530'</b> (280') <b>R600</b> R1300	<b>540'</b> (290') <b>R650</b> R1400
	LOC	<b>620'</b> (360') <b>R900</b> R1500	<b>620'</b> (360') <b>R900</b> R1500	<b>620'</b> (360') <b>R900</b> R1600	<b>620'</b> (360') <b>R900</b> R1600
	LNAV	<b>630'</b> (370') <b>R1000</b> R1500	<b>630'</b> (370') <b>R1000</b> R1500	<b>630'</b> (370') <b>R1000</b> R1700	<b>630'</b> (370') <b>R1000</b> R1700
	VOR	<b>630'</b> (370') <b>R1000</b> R1800	<b>630'</b> (370') <b>R1000</b> R1800	<b>630'</b> (370') <b>R1000</b> R1800	<b>630'</b> (370') <b>R1000</b> R1800

	VOR (when SDF not received)	<b>660'</b> (400') <b>R1300</b> R2000	<b>660'</b> (400') <b>R1300</b> R2000	<b>660'</b> (400') <b>R1500</b> R2200	<b>660'</b> (400') <b>R1500</b> R2200
	NDB	<b>630'</b> (370') <b>R1000</b> R1500	<b>630'</b> (370') <b>R1000</b> R1500	<b>630'</b> (370') <b>R1000</b> R1700	<b>630'</b> (370') <b>R1000</b> R1700
	NDB (when SDF not received)	<b>660'</b> (400') <b>R1300</b> R2000	<b>660'</b> (400') <b>R1300</b> R2000	<b>660'</b> (400') <b>R1500</b> R2200	<b>660'</b> (400') <b>R1500</b> R2200
Circling Approach		<b>710'</b> (450')	<b>760'</b> (500')	<b>1230'</b> (970')	Not applicable
Visibility, m		1500	1600	3800	

<sup>1</sup>FALS – Full approach lighting system

<sup>2</sup>NALS – No approach lighting system

**TAKE-OFF MINIMA FOR KAUNAS AERODROME**

<b>Take off RWY 08, 26</b>					
<b>LVP must be valid</b>				RCLM (day only) or RL	NIL (day only)
RL, RCLL and mult. RVR		HIRL and RCLL	HIRL or CL		
<b>A</b>	150 m	200 m	250 m	400 m	500 m
<b>B</b>					
<b>C</b>					
<b>D</b>	200 m	250 m	300 m		

\_\_\_\_\_