

HONG KONG INTERNATIONAL AIRPORT

FOREIGN OPERATOR AERODROME OPERATING MINIMA PROFORMA

(DCA 236)

Clear Form

OPERATOR NAME:

ICAO AIRCRAFT TYPE DESIGNATOR ⁽¹⁾ :

1. TAKE-OFF MINIMA

RWY	Acceptable Minima (Metres) ⁽²⁾				Operator's Minima (Metres) ⁽³⁾			
	with HIRL & CL		HIRL or CL		with HIRL & CL		HIRL or CL	
07L / 25R	RVR	125	RVR	400	RVR		RVR	
07C / 25C	RVR	125	RVR	400	RVR		RVR	
07R / 25L	RVR	150	RVR	400	RVR		RVR	

2. LANDING MINIMA

Approach		Acceptable Minima ⁽²⁾				Operator's Minima ⁽³⁾				MMACG Required ⁽⁵⁾
		Feet		Metres		Feet		Metres		
		OCA	OCH	RVR	VIS	DA/MDA	DH/MDH	RVR	VIS	
RWY 07L	ILS CAT I	223	200	550	800					6.9%
	ILS CAT II	123	100	300	-					7.1%
	ILS CAT III Cat A/B/C ACFT ⁽⁶⁾	-	-	75	-					Note 7
	ILS CAT III Cat D ACFT ⁽⁶⁾	-	-	100	-					Note 7
	LOC	500	470	1500	-					6.6%
	RNP (LNAV/VNAV only) Cat A ACFT ⁽⁶⁾	302	279	600	-					6.6%
	RNP (LNAV/VNAV only) Cat B ACFT ⁽⁶⁾	312	289	650	-					6.6%
	RNP (LNAV/VNAV only) Cat C ACFT ⁽⁶⁾	322	299	650	-					6.6%
	RNP (LNAV/VNAV only) Cat D ACFT ⁽⁶⁾	332	309	700	-					6.6%
RWY 25R	ILS CAT I	223	200	550	800					6.5%
	LOC	430	400	1100	-					5.1%
	RNP Z (LNAV/VNAV only) Cat A ACFT ⁽⁶⁾	485	462	1500	-					5.6%
	RNP Z (LNAV/VNAV only) Cat B ACFT ⁽⁶⁾	495	472	1500	-					5.6%
	RNP Z (LNAV/VNAV only) Cat C ACFT ⁽⁶⁾	505	482	1500	-					5.6%
	RNP Z (LNAV/VNAV only) Cat D ACFT ⁽⁶⁾	515	492	1500	-					5.6%
RWY 07C	ILS CAT I	222	200	550	800					4.6%
	ILS CAT II	122	100	300	-					4.9%
	LOC	420	392	1100	-					3.9%
	RNP (LNAV/VNAV only) Cat A ACFT ⁽⁶⁾	302	280	600	-					4.4%
	RNP (LNAV/VNAV only) Cat B ACFT ⁽⁶⁾	312	290	650	-					4.4%
	RNP (LNAV/VNAV only) Cat C ACFT ⁽⁶⁾	322	300	650	-					4.4%
	RNP (LNAV/VNAV only) Cat D ACFT ⁽⁶⁾	331	309	700	-					4.4%
RWY 25C	ILS CAT I	222	200	550	800					4.0%
	ILS CAT II	122	100	300	-					4.0%
	ILS CAT III Cat A/B/C ACFT ⁽⁶⁾	-	-	75	-					Note 7
	ILS CAT III Cat D ACFT ⁽⁶⁾	-	-	100	-					Note 7
	LOC	420	392	1100	-					4.0%
	RNP Z (LNAV/VNAV only)	500	478	1500	-					2.5%
RWY 07R	ILS CAT I	227	200	550	800					3.6%
	ILS CAT II	127	100	350	-					3.6%
	LOC	460	432	1300	-					4.1%
RWY 25L	ILS CAT I	227	200	550	800					4.0%
	ILS CAT II	127	100	350	-					4.0%
	LOC	420	392	1100	-					4.0%

3. LANDING MINIMA (for operators with RNP (AR) APCH Approval form CAD) ⁽⁸⁾

Approach		Acceptable Minima ⁽²⁾				Operator's Minima ⁽³⁾				MMACG Required ⁽⁵⁾
		Feet		Metres		Feet		Metres		
		OCA	OCH	RVR	VIS	DA/MDA	DH/MDH	RVR	VIS	
RWY 25R	RNP Y (AR) Cat A ACFT ⁽⁶⁾	485	462	1500	-					4.0%
	RNP Y (AR) Cat B ACFT ⁽⁶⁾	495	472	1500	-					4.0%
	RNP Y (AR) Cat C ACFT ⁽⁶⁾	505	482	1500	-					4.0%
	RNP Y (AR) Cat D ACFT ⁽⁶⁾	515	492	1500	-					4.0%
RWY 25C	RNP Y (AR) Cat A ACFT ⁽⁶⁾	470	448	1400	-					2.5%
	RNP Y (AR) Cat B ACFT ⁽⁶⁾	480	458	1400	-					2.5%
	RNP Y (AR) Cat C ACFT ⁽⁶⁾	490	468	1500	-					2.5%
	RNP Y (AR) Cat D ACFT ⁽⁶⁾	500	478	1500	-					2.5%
RWY 07R	RNP Z (AR)	430	410	1200	-					2.5%
	RNP Y (AR)	430	410	1200	-					2.5%
RWY 25L	RNP Y (AR) Cat A ACFT ⁽⁶⁾	467	440	1300	-					2.5%
	RNP Y (AR) Cat B ACFT ⁽⁶⁾	486	459	1400	-					2.5%
	RNP Y (AR) Cat C ACFT ⁽⁶⁾	506	479	1500	-					2.5%
	RNP Y (AR) Cat D ACFT ⁽⁶⁾	518	491	1500	-					2.5%
	RNP Z (AR) Cat A ACFT ⁽⁶⁾	467	440	1300	-					2.5%
	RNP Z (AR) Cat B ACFT ⁽⁶⁾	486	459	1400	-					2.5%
	RNP Z (AR) Cat C ACFT ⁽⁶⁾	506	479	1500	-					2.5%
	RNP Z (AR) Cat D ACFT ⁽⁶⁾	518	491	1500	-					2.5%

Name: _____
Post: _____

Signature: _____
Date: _____

Notes for Operators

- (1) Please refer to the ICAO Aircraft Type Designators website (<https://www.icao.int/publications/DOC8643/Pages/Search.aspx>).
- (2) HKIA minima based on ICAO DOC 9365 and applicable to all categories of aircraft.
- (3) Must be authorized by the State of Operator. Operators must submit the CAT II/III or RNP APCH (LNAV/VNAV) authorization by their State to the Civil Aviation Department (CAD).
- (4) Operators must comply with the most restrictive minima at all times.
- (5) The Minimum Missed Approach Climb Gradient (MMACG) is based on the standard missed approach procedure as per AIP, AIC and/or AIP SUP. In case of unforeseen circumstances that MMACG cannot be achieved or standard missed approach procedures cannot be complied with, operators shall establish alternative operating procedures to ensure adequate terrain clearance can be maintained in the event of missed approach.
- (6) Please refer to ICAO DOC 8168 PANS-OPS Vol. 1 for details on Aircraft Approach Categories.
- (7) CAT III MMACG shall normally be determined by operators based on specific CAT III systems / operations and Decision Height / Alert Height authorized. For reference, RWY 07L and RWY 25C CAT III MACGs are calculated to be at 7.9% and 4.4% respectively assuming the start of missed approach climb is at 1800 m after threshold. If the start of missed approach climb is beyond 1800 m after threshold or the required MACG of concerned aircraft cannot be achieved, operators shall establish operating procedures to ensure adequate terrain clearance can be maintained in the event of missed approach.
- (8) Operators must apply for CAD authorization as per AIC 09/25 for conducting RNP (AR) APCH at HKIA (<https://www.ais.gov.hk/HKAIP/aic/AIC09-25.pdf>).

Remarks

- a) Before commencement of public transport operations to Hong Kong, foreign operators are required by AD 1.1 of AIP HK to:
- (i) complete this proforma; and
 - (ii) submit CAT II/III or RNP APCH (LNAV/VNAV) Authorization by their State for acceptance by CAD.
- b) Operators are required to comply with the AOM published in the latest AIP, AIC and/or AIP SUP, or the State Minima, or the Company Minima, whichever are more restrictive.
- c) Landing Minima are based on high intensity runway edge, runway centreline, touchdown zone and threshold lighting in use.
- d) Circling prohibited.
- e) Cat II DH and CAT III DH based on radio altimeter.

Anti-Bribery Reminder

Anyone, while having dealings of any kind with the Civil Aviation Department (CAD), should not offer advantage to the CAD officers, or else he may commit an offence under section 4(1) and/or section 8 of the Prevention of Bribery Ordinance (Chapter 201 of Laws of Hong Kong), and be liable to a maximum penalty of a fine of \$500,000 and imprisonment for 7 years.