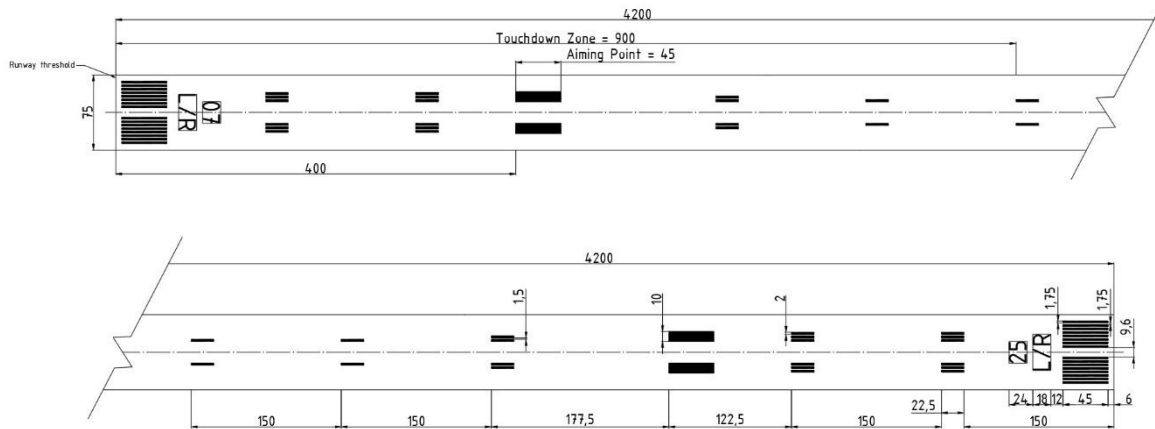


APPENDIX A



NOTICE: Dimensions expressed in meters

Figure A. Diagram showing the dimensions and markings of the runways at CPK

APPENDIX B

Table B1. Location of the runway threshold of CPK

Runway	Latitude (ϕ)	Longitude (λ)	Altitude AMSL [feet (meters)]
07R	52°7'26.13"N	20°22'22.87"E	322 (98)
07L	52°8'49.92"N	20°22'45.68"E	312 (95)
25L	52°7'43.04"N	20°25'59.95"E	312 (95)
25R	52°9'12.67"N	20°26'22.68"E	301 (92)

Table B2. Navigation points mentioned in the article

Navigation point	Latitude (ϕ)	Longitude (λ)
ABSEL ¹	51°55'36.00"N	20°31'32.00"E
BAMSO	52°20'09.00"N	21°54'35.00"E
BELOM	52°16'14.00"N	20°52'49.00"E
BITVA ¹	52°20'46.00"N	21°05'11.00"E
BUZAR	52°07'15.00"N	20°07'22.00"E
CUBIX	52°10'31.00"N	20°39'26.00"E
DINRI ¹	52°26'02.00"N	20°34'19.00"E
DROBA	52°46'02.00"N	20°00'01.00"E
DOZAP	51°54'31.00"N	20°08'42.00"E
ELGAD ¹	52°29'57.00"N	20°33'38.00"E
ERMIV ¹	51°48'43.00"N	20°44'18.00"E
EVINA ¹	51°23'16.00"N	20°21'36.00"E
FORSA	52°00'29.00"N	19°42'06.00"E
GABIN	52°24'14.00"N	19°43'36.00"E
GOGUS ¹	51°34'48.00"N	19°37'59.00"E
GOSTA	52°25'30.00"N	19°19'07.00"E
KEMSU	52°22'56.00"N	20°01'06.00"E
KLEBA	52°24'16.00"N	21°19'51.00"E
KOMDA	51°38'54.00"N	19°57'05.00"E

KOTOW	52°09'02.00"N	20°38'59.00"E
MIGVI ¹	52°24'23.00"N	20°53'47.00"E
MOGEL	51°38'40.00"N	20°42'22.00"E
ODRUX	51°41'56.00"N	21°21'48.00"E
OKENO ¹	51°34'11.00"N	18°35'38.00"E
OSTET ¹	51°50'48.00"N	20°56'34.00"E
PATEK	52°03'03.00"N	19°27'26.00"E
PENEX ¹	52°33'47.00"N	19°16'38.00"E
RABAT	52°02'31.00"N	19°43'39.00"E
RAVAM	51°48'54.00"N	19°57'05.00"E
REMPA ¹	52°03'62.00"N	20°00'15.00"E
RILAB ¹	53°03'40.00"N	19°37'59.00"E
RODEV ¹	52°36'12.20"N	20°33'27.20"E
SOKOS	52°05'52.00"N	20°07'03.00"E
SOPEL ¹	52°01'33.00"N	20°50'52.00"E
SOSIN ¹	52°07'24.00"N	20°47'32.00"E
SUBEG	52°22'51.30"N	20°55'57.00"E
SUTIK	52°32'02.00"N	21°24'06.00"E
VAMPU ¹	51°51'57.00"N	19°07'30.00"E
VEMAL ¹	52°27'06.00"N	19°10'18.00"E
VIZAD	52°03'27.00"N	19°57'05.00"E
VOLKO	52°02'59.00"N	20°50'23.00"E
WX 101	52°07'18.00"N	20°07'15.00"E
WX 211	52°10'42.00"N	20°41'55.00"E
WX 331	52°05'55.00"N	20°06'52.00"E
WX 471	52°09'13.00"N	20°41'31.00"E
WX 601	52°08'00.00"N	20°14'36.00"E
WX 602	52°07'45.00"N	20°12'11.00"E
WX 604	52°04'12.00"N	19°54'42.00"E
WX 651	52°11'01.00"N	19°26'18.00"E
WX 652	52°13'32.00"N	19°45'26.00"E
WX 701	51°53'08.00"N	19°25'28.00"E
WX 703	51°46'50.00"N	20°33'24.00"E
WX 756	52°02'30.00"N	19°58'16.00"E
WX 758	52°06'20.00"N	20°11'42.00"E
WX 759	52°06'36.00"N	20°14'16.00"E
WX 802	52°25'27.00"N	20°07'02.00"E
WX 803	52°25'27.00"N	20°16'52.00"E
WX 821	52°10'02.00"N	20°34'36.00"E
WX 985	52°08'33.00"N	20°34'10.00"E

¹ Navigation points existing currently in the airspace (January 2025).

APPENDIX C

Table C. Details of procedures designed in the article.

Type of procedure	Name	Assigned RWY	Path [Navigation point → (course) Navigation point]	Altitude restrictions ¹ (feet) [Navigation point: restriction]
ILS CAT III	ILS CAT III RWY 07L	07L	BUZAR → (074) WX 602 → (074) WX 601 → (074) RWY 07L	BUZAR: 2,500 WX 602: 2,500 WX 601: 2,000
	ILS CAT III RWY 07R	07R	SOKOS → (074) WX 758 → (074) WX 759 → (074) RWY 07R	SOKOS: 2,500 WX 758: 2,500 WX 759: 2,000
	ILS CAT III RWY 25L	25L	KOTOW → (254) WX 985 → (254) RWY 25L	KOTOW: 2,000 WX 985: 2,000
	ILS CAT III RWY 25R	25R	CUBIX → (254) WX 821 → (254) RWY 25R	CUBIX: 2,000 WX 821: 2,000
STAR	GOSTA.1A	07L/R	PENEX/VMAL → (163/100) GOSTA → (089) GABIN → (168) WX 652 → (252) WX 651 → (169) PATEK → (087) RABAT → (070/084) WX 604/WX 756	GOSTA: FL150 GABIN: FL130 PATEK: Below FL100, FL070 RABAT: FL070 WX 604: 5,000 WX 756: 5,000
	SUTIK.1A	07L/R	SUTIK → (240) MIGVI → (271) DINRI → (260) WX 803 → (263) WX 802 → (258) GABIN → (168) WX 652 → (252) WX 651 → (169) PATEK → (087) RABAT → (070/084) WX 604/WX 756	SUTIK: FL220 GABIN: FL130 PATEK: Below FL100, FL070 RABAT: FL070 WX 604: 5,000 WX 756: 5,000
	OKENO.1A	07L/R	OKENO → (083) GOGUS → (063) KOMDA → (353) RAVAM → (276) WX 701 → (001) PATEK → (087) RABAT → (070/084) WX 604/WX 756	GOGUS: FL170 WX 701: FL100 PATEK: Below FL100, FL070 RABAT: FL070 WX 604: 5,000 WX 756: 5,000
	ODRUX.1A	07L/R	ODRUX → (292) OSTET → (250) WX 703 → (353) RAVAM → (276) WX 701 → (001) PATEK → (087) RABAT → (070/084) WX 604/WX 756	PATEK: Below FL100, FL070 WX 701: FL100 RABAT: FL070 WX 604: 5,000 WX 756: 5,000
	GOSTA.1D	25R/L	PENEX/VMAL → (163/100) GOSTA → (089) GABIN → (081) DINRI → (089) MIGVI → (177) BELOM	GABIN: FL150 DINRI: FL090
	SUTIK.1D	25R/L	SUTIK → (240) MIGVI → (177) BELOM	SUTIK: FL120
	OKENO.1D	25R/L	OKENO → (083) GOGUS → (078) MOGEL → (029) OSTET → (335) SOPEL → (334) SOSIN	GOGUS: FL190
	ODRUX.1D	25R/L	ODRUX → (292) OSTET → (335) SOPEL → (334) SOSIN	ODRUX: Below FL160

SID	BAMSO.1G	07R	RWY 07R → (074) WX 471 → (038) BELOM → (053) BITVA → (061) KLEBA → (094) BAMSO	WX 471: 2,000 KLEBA: Below FL160
	EVINA.1G	07R	RWY 07R → (074) WX 471 → (110) SOSIN → (152) VOLKO → (188) ERMIV → (203) EVINA	WX 471: 2,000 ERMIV: Below FL140 EVINA: FL190
	VAMPU.1G	07R	RWY 07R → (074) WX 471 → (110) SOSIN → (152) VOLKO → (231) ABSEL → (259) DOZAP → (284) FORSA → (242) VAMPU	WX 471: 2,000 FORSA: FL160
	RILAB.1G	07R	RWY 07R → (074) WX 471 → (038) BELOM → (010) SUBEG → (308) RODEV → (303) RILAB	WX 471: 2,000 SUBEG: Below FL100, FL080 RODEV: FL120
	BAMSO.1H	07L	RWY 07L → (074) WX 211 → (044) BELOM → (053) BITVA → (061) KLEBA → (094) BAMSO	WX 211: 2,000 KLEBA: Below FL160
	EVINA.1H	07L	RWY 07L → (074) WX 211 → (128) SOSIN → (152) VOLKO → (188) ERMIV → (203) EVINA	WX 211: 2,000 ERMIV: Below FL140 EVINA: FL190
	VAMPU.1H	07L	RWY 07L → (074) WX 211 → (128) SOSIN → (152) VOLKO → (231) ABSEL → (259) DOZAP → (284) FORSA → (242) VAMPU	WX 211: 2,000 FORSA: FL160
	RILAB.1H	07L	RWY 07L → (074) WX 211 → (044) BELOM → (010) SUBEG → (308) RODEV → (303) RILAB	WX 211: 2,000 SUBEG: Below FL100, FL080 RODEV: FL120
	BAMSO.1L	25L	RWY 25L → (254) WX 311 → (342) KEMSU → (064) ELGAD → (093) BAMSO	WX 331: 2,000 KEMSU: Below FL080 ELGAD: FL130
	EVINA.1L	25L	RWY 25L → (254) WX 311 → (241) VIZAD → (153) EVINA	WX 331: 2,000 EVINA: Below FL130, FL110
	VAMPU.1L	25L	RWY 25L → (254) WX 311 → (241) VIZAD → (243) VAMPU	WX 331: 2,000 VAMPU: Below FL140, FL100
	RILAB.1L	25L	RWY 25L → (254) WX 311 → (342) KEMSU → (351) REMPA → (352) DROBA → (316) RILAB	WX 331: 2,000 KEMSU: Below FL080
	BAMSO.1M	25R	RWY 25R → (254) WX 101 → (340) KEMSU → (064) ELGAD → (093)	WX 101: 2,000 KEMSU: Below FL080 ELGAD: FL130

			BAMSO	
	EVINA.1M	25R	RWY 25R → (254) WX 101 → (231) VIZAD → (153) EVINA	WX 101: 2,000 EVINA: Below FL130, FL110
	VAMPU.1M	25R	RWY 25R → (254) WX 101 → (231) VIZAD → (243) VAMPU	WX 101: 2,000 VAMPU: Below FL140, FL100
	RILAB.1M	25R	RWY 25R → (254) WX 101 → (340) KEMSU → (351) REMPA → (352) DROBA → (316) RILAB	WX 101: 2,000 KEMSU: Below FL080