



**RNP RWY 21R****INITIAL APCH FROM EGN**

Sequence Number	Waypoint Identifier	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course °M (°T)	Turn Direction	Altitude (FT/FL)	Speed Limit (kt)	Navigation Specification	RNP	REMARKS
010	<b>EGN</b>	N 37°45'58.3000" E 023°25'34.8700"	IF	-	-	-	-	+7000	-	RNP APCH	1.0	IAF
020	<b>ATV</b>	N 37°53'19.2400" E 023°48'16.1900"	TF	-	19.4	062 (067.7)	-	-	-	RNP APCH	1.0	
030	<b>AV565</b>	N 37°56'54.1356" E 024°02'58.7791"	TF	-	12.2	068 (072.8)	-	-	-	RNP APCH	1.0	
040	<b>AV563</b>	N 37°58'21.8382" E 024°09'01.5829"	TF	-	5.0	068 (073.0)	-	+7000	-	RNP APCH	1.0	
050	<b>AV562</b>	N 37°59'49.2293" E 024°15'04.6262"	TF	-	5.0	068 (073.1)	-	+3000	-220	RNP APCH	1.0	
060	<b>AV561</b>	N 38°03'34.4222" E 024°13'00.4549"	TF	-	4.1	331 (336.4)	-	+3000	-	RNP APCH	1.0	
070	<b>AV560</b>	N 38°05'53.0326" E 024°10'34.7843"	TF	-	3.0	315 (320.3)	-	-	-	RNP APCH	1.0	
080	<b>AV522</b>	N 38°06'15.8535" E 024°05'35.1421"	TF	-	4.0	269 (273.9)	-	+3000	-	RNP APCH	1.0	IF

**INITIAL APCH FROM KEA**

Sequence Number	Waypoint Identifier	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course °M (°T)	Turn Direction	Altitude (FT/FL)	Speed Limit (kt)	Navigation Specification	RNP	REMARKS
010	<b>KEA</b>	N 37°33'25.7900" E 024°17'55.3200"	IF	-	-	-	-	+5000	-	RNP APCH	1.0	IAF
020	<b>AV566</b>	N 37°49'50.7476" E 024°16'09.3826"	TF	-	16.5	350(355.1)	-	+4000	-	RNP APCH	1.0	
030	<b>AV564</b>	N 37°54'49.9918" E 024°15'37.0408"	TF	-	5.0	350(355.1)	-	+4000	-	RNP APCH	1.0	
040	<b>AV562</b>	N 37°59'49.2293" E 024°15'04.6262"	TF	-	5.0	350 (355.1)	-	+3000	-220	RNP APCH	1.0	
050	<b>AV561</b>	N 38°03'34.4222" E 024°13'00.4549"	TF	-	4.1	331 (336.4)	-	+3000	-	RNP APCH	1.0	
060	<b>AV560</b>	N 38°05'53.0326" E 024°10'34.7843"	TF	-	3.0	315 (320.3)	-	-	-	RNP APCH	1.0	
070	<b>AV522</b>	N 38°06'15.8535" E 024°05'35.1421"	TF	-	4.0	269 (273.9)	-	+3000	-	RNP APCH	1.0	IF

**INITIAL APCH FROM KRO**

Sequence Number	Waypoint Identifier	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course °M (°T)	Turn Direction	Altitude (FT/FL)	Speed Limit (kt)	Navigation Specification	RNP	REMARKS
010	<b>KRO</b>	N 37°59'38.9000" E 024°29'41.6700"	IF	-	-	-	-	+7000	-	RNP APCH	1.0	IAF
020	<b>AV571</b>	N 38°03'03.5982" E 024°21'57.3909"	TF	-	7.0	294 (299.2)	-	+6000	-	RNP APCH	1.0	
030	<b>AV570</b>	N 38°05'29.4977" E 024°16'25.3234"	TF	-	5.0	294 (299.1)	-	+4200	-	RNP APCH	1.0	
040	<b>AV523</b>	N 38°09'03.8232" E 024°08'15.7658"	TF	-	7.4	294 (299.0)	-	+3500	-220	RNP APCH	1.0	
050	<b>AV522</b>	N 38°06'15.8535" E 024°05'35.1421"	TF	-	3.5	212 (217.1)	-	+3000	-	RNP APCH	1.0	IF

FINAL APCH												
Sequence Number	Waypoint Identifier	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course °M (°T)	Turn Direction	Altitude (FT/FL)	Speed Limit (kt)	Navigation Specification	RNP	REMARKS
010	AV522	N 38°06'15.8535" E 024°05'35.1421"	IF	-	-	-	-	+3000	-	RNP APCH	1.0	IF
020	AV521	N 38°03'29.3719" E 024°02'56.4230"	TF	-	3.5	212 (217.0)	-	+3000	-185	RNP APCH	0.3	FAF
030	RW21R	N 37°56'48.1315" E 023°56'34.1933"	TF	Y	8.4	212 (217.0)	-	-	-	RNP APCH	0.3	MAPt (LNAV only)
MISSED APCH												
Sequence Number	Waypoint Identifier	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course °M (°T)	Turn Direction	Altitude (FT/FL)	Speed Limit (kt)	Navigation Specification	RNP	REMARKS
010	AV528	N 37°48'36.9341" E 023°48'45.0206"	CF	-	10.3	212 (217.2)	-	-	-210	RNP APCH	1.0	
020	EGN	N 37°45'58.3000" E 023°25'34.8700"	TF	-	18.6	257 (261.9)	-	@4000	-	RNP APCH	1.0	
RNAV HOLDING IDENTIFICATION												
Sequence Number	Waypoint Identifier	Coordinates	Path Terminator	Fly Over	Distance (NM)	Course °M (°T)	Turn Direction	Altitude (FT/FL)	Speed Limit (kt)	Navigation Specification	RNP	REMARKS
010	EGN	N 37°45'58.3000" E 023°25'34.8700"	HM	Y	-	108 (113.2)	L	+4000	-230	RNAV 1	1.0	
<b>NOTE : TO COMMENCE FOR A NEW APPROACH CONTINUE CLIMBING IN HOLDING TO 7000 AMSL</b>												

**FAS Data Block Information (LPV CAT I)**

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LGAV
Runway	21
Runway Letter	1 (Right)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E21B
LTP/FTP Latitude	375648.1315N
LTP/FTP Longitude	0235634.1935E
LTP/FTP Ellipsoidal Height (metres)	124.9
FPAP Latitude	375517.7650N
Delta FPAP Latitude (seconds)	-90.3665
FPAP Longitude	0235508.3140E
Delta FPAP Longitude (seconds)	-85.8795
Threshold Crossing Height	54.1
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	288
HAL (metres)	40.0
VAL (metres)	35.0

**Output data**

Data Block	10 16 01 07 0C 55 00 00 02 31 32 05 07 F3 48 10 23 70 46 0A E1 18 03 3E FD 11 61 FD 1D 02 2C 01 64 24 C8 AF DE 02 74 D1
Calculated CRC Value	DE0274D1

**Required Additional Data**

ICAO Code	LG
LTP/FTP Orthometric Height (metres)	38.9