

TABULAR DESCRIPTION

RNP Y RWY 32 – Instrument Approach Procedure via ADSAS

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA/ TCH (m)	Navigation Specification (3)
010	IF	ADSAS	-	-	-	-	-	+5000 (1)	-210	-	RNAV 1/RNP 1
020	TF	NIPLI	-	042 (045.2)	-	6.9	-	+4000 (1)	-200	-	RNAV 1/RNP 1
030	TF	PO551	-	312 (315.1)	-	4.0	L	+3000	-	-	RNP APCH
040	TF	RWY32	Y	312 (315.0)	-	8.2	-	@389 (2)	-	-3.0/17	RNP APCH
050	CF	PO552	Y	312 (314.9)	3.1° E	1.0	-	-	-190	-	RNP APCH
060	DF	PO553	-	-	-	-	R	-	-190	-	RNP APCH
070	TF	UPGAV	-	133 (135.9)	-	9.3	-	+5000 (4)	-190	-	RNP APCH
080	HM	UPGAV	Y	133 (136.0)	-	-	L	+5000 (5)	-210	-	RNAV 1

RNP Y RWY 32 – Instrument Approach Procedure via ELDIP

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA/ TCH (m)	Navigation Specification (3)
010	IF	ELDIP	-	-	-	-	-	+5000 (1)	-210	-	RNAV 1/RNP 1
020	TF	NIPLI	-	312 (315.1)	-	5.0	-	+4000 (1)	-200	-	RNAV 1/RNP 1
030	TF	PO551	-	312 (315.1)	-	4.0	-	+3000	--	-	RNP APCH
040	TF	RWY32	Y	312 (315.0)	-	8.2	-	@389 (2)	-	-3.0/17	RNP APCH
050	CF	PO552	Y	312 (314.9)	3.1° E	1.0	-	-	-190	-	RNP APCH
060	DF	PO553	-	-	-	-	R	-	-190	-	RNP APCH
070	TF	UPGAV	-	133 (135.9)	-	9.3	-	+5000 (4)	-190	-	RNP APCH
080	HM	UPGAV	Y	133 (136.0)	-	-	L	+5000 (5)	-210	-	RNAV 1

RNP Y RWY 32 – Instrument Approach Procedure via UPGAV

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA/ TCH (m)	Navigation Specification (3)
010	IF	UPGAV	-	-	-	-	-	+5000 (1)	-210	-	RNAV 1/RNP 1
020	TF	NIPLI	-	223 (226.1)	-	6.6	-	+4000 (1)	-200	-	RNAV 1/RNP 1
030	TF	PO551	-	312 (315.1)	L	4.0	R	+3000	-	-	RNP APCH
040	TF	RWY32	Y	312 (315.0)	-	8.2	-	@389 (2)	-	-3.0/17	RNP APCH
050	CF	PO552	Y	312 (314.9)	3.1° E	1.0	-	-	-190	-	RNP APCH
060	DF	PO553	-	-	-	-	R	-	-190	-	RNP APCH
070	TF	UPGAV	-	133 (135.9)	-	9.3	-	+5000 (4)	-190	-	RNP APCH
080	HM	UPGAV	Y	133 (136.0)	-	-	L	+5000 (5)	-210	-	RNAV 1

- (1) MEA 3000ft ATC discretion
- (2) THR Altitude plus TCH
- (3) For “monitoring and alerting” reasons, RNP 1 specification is required in case of radar service unavailability or degradation
- (4) MCA 4000ft ATC discretion
- (5) MHA 4000ft ATC discretion

Holding RNAV

Path Terminator	Waypoint Identifier	Inbound Course °M (°T)	Leg Distance (NM) (1)	Timing(min.)/ Waypoint Distance (NM) (2)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FL)	Speed Limit (kt)	Magnetic Variation (°)	Navigation Specification
HM	UPGAV	133 (136.0)	4.0	-/5.1	L	+5000 (3)	-	-210	3.1°E	RNAV 1

- (1) RNAV system with holding functionality
- (2) RNAV system without holding functionality
- (3) MHA 4000ft ATC discretion

WAYPOINT LIST

Waypoint Identifier	Coordinates
PO551	45°19'25.32"N - 010°28'48.75"E
PO552	45°25'55.20"N - 010°19'35.09"E
PO553	45°27'51.55"N - 010°30'23.93"E

SBAS FAS DATA BLOCK LIPO RNP Y RWY32

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LIPO
Runway	32
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	Y
Reference Path Data Selector	0
Reference Path Identifier	E32A
LTP/FTP Latitude	452513.0675N
LTP/FTP Longitude	0102035.0740E
LTP/FTP Ellipsoidal Height (metres)	144.5
FPAP Latitude	452617.0820N
Delta FPAP Latitude (seconds)	64.0145
FPAP Longitude	0101903.9220E
Delta FPAP Longitude (seconds)	-91.1520
Threshold Crossing Height	17.0
TCH Units Selector	1 (meters)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	35.0

Output data

Data Block	10 0F 10 09 0C 20 C8 00 01 32 33 05 D7 05 7E 13 04 53 70 04 A5 19 1D F4 01 E0 37 FD 54 81 2C 01 64 00 C8 AF 80 46 03 9B
Calculated CRC Value	8046039B