



AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

RNP Z RWY 17 (LPV ONLY)

WAYPOINTS COORDINATES

WPT	COORD
LEZUN (IAF)	430100.0N 0083546.3W
OKOVO (IAF)	430352.6N 0081951.4W
REZAK (IAF)	430735.3N 0082933.4W
RW17 (LTP)	425438.7N 0082511.9W
ST07N (IF)	430145.2N 0082735.2W
ST03N (FAP)	425736.7N 0082611.6W
ST600	424750.8N 0082255.4W
ST601	424624.3N 0083049.9W
Precision final approach (SBAS Cat. I) - Slope (Descent angle)	5.24% (3.00°)

PROCEDURE TABULAR DESCRIPTION

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
LEZUN (IAF)											
001	IF	LEZUN	-	-	+1.0	-	-	+4000	-220	-	RNP APCH
002	TF	ST07N	-	084 (082.8)	+1.0	6.1	-	+2600	-	-	RNP APCH
003	TF	ST03N	-	167 (166.1)	+1.0	4.3	-	+2200	-	-	RNP APCH
004	TF	RW17	Y	167 (166.1)	+1.0	3.1	-	+1219	-	-3.0/49	RNP APCH
005	CF	ST600	-	167 (166.1)	+1.0	-	-	-	-	-	RNP APCH
006	TF	ST601	-	257 (256.2)	+1.0	6.0	R	-	-200	-	RNP APCH
007	TF	LEZUN	-	347 (346.1)	+1.0	15.0	-	+4000	-220	-	RNP APCH

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
OKOVO (IAF)											
001	IF	OKOVO	-	-	+1.0	-	-	+4000	-220	-	RNP APCH
002	TF	ST07N	-	251 (249.5)	+1.0	6.1	-	+2600	-	-	RNP APCH
003	TF	ST03N	-	167 (166.1)	+1.0	4.3	-	+2200	-	-	RNP APCH
004	TF	RW17	Y	167 (166.1)	+1.0	3.1	-	+1219	-	-3.0/49	RNP APCH
005	CF	ST600	-	167 (166.1)	+1.0	-	-	-	-	-	RNP APCH
006	TF	ST601	-	257 (256.2)	+1.0	6.0	R	-	-200	-	RNP APCH
007	TF	LEZUN	-	347 (346.1)	+1.0	15.0	-	+4000	-220	-	RNP APCH

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
REZAK (IAF)											
001	IF	REZAK	-	-	+1.0	-	-	+4000	-220	-	RNP APCH

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
002	TF	ST07N	-	167 (166.1)	+1.0	6.0	-	+2600	-	-	RNP APCH
003	TF	ST03N	-	167 (166.1)	+1.0	4.3	-	+2200	-	-	RNP APCH
004	TF	RW17	Y	167 (166.1)	+1.0	3.1	-	+1219	-	-3.0/49	RNP APCH
005	CF	ST600	-	167 (166.1)	+1.0	-	-	-	-	-	RNP APCH
006	TF	ST601	-	257 (256.2)	+1.0	6.0	R	-	-200	-	RNP APCH
007	TF	LEZUN	-	347 (346.1)	+1.0	15.0	-	+4000	-220	-	RNP APCH

HOLDING PATTERN

Path terminator	Waypoint identifier	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	MNM altitude (ft)	MAX altitude (ft)	Speed (kt)	Navigation specification
HM	LEZUN (1)	084 (082.8)	+1.0	4.2	R	4000	-	-230	RNAV1
HM	OKOVO (1)	251 (249.5)	+1.0	4.2	L	4000	-	-230	RNAV1
HM	REZAK (2)	167 (166.1)	+1.0	4.2	R	4000	-	-230	RNAV1
(1) - GNSS or (DME/DME/IRU) -DME LRA, STG must be operational (DME/DME/IRU).									
(2) - GNSS OR (DME/DME) -DME LRA, STG must be operational (DME/DME).									

FAS DATA BLOCK

1	OPERATION MODE	0
2	SERVICE PROVIDER IDENTIFIER	1
3	AIRPORT IDENTIFIER	LEST
4	RUNWAY	17
5	RUNWAY LETTER	0
6	APPROACH PERFORMANCE DESIGNATOR	0*
7	ROUTE INDICATOR	Z
8	REFERENCE PATH DATA SELECTOR (RPDS)	0
9	REFERENCE PATH IDENTIFIER	E17A**
10	LANDING THRESHOLD POINT (LTP) - LATITUDE	425438.7325N
11	LANDING THRESHOLD POINT (LTP) - LONGITUDE	0082511.8970W
12	LTP HEIGHT ABOVE ELLIPSOID (HAE)	+04062 (0406.2m)
13	FLIGHT PATH ALIGNMENT POINT (FPAP) - LATITUDE	425303.6760N
14	FLIGHT PATH ALIGNMENT POINT (FPAP) - LONGITUDE	0082440.0270W
15	THRESHOLD CROSSING HEIGHT (TCH)	15.00
16	TCH UNIT SELECTOR	1
17	GLIDE PATH ANGLE	3.00
18	COURSE WIDTH AT THRESHOLD	105.00
19	LENGTH OFFSET	0
20	HORIZONTAL ALERT LIMIT (HAL)	40.0
21	VERTICAL ALERT LIMIT (VAL)	35.0
22	PRECISION APPROACH PATH POINT CRC REMINDER	D89FBB2A
NON - FAS DATA BLOCK		
23	ICAO CODE	LE
24	LTP ORTHOMETRIC HEIGHT	+03566 (356.6m)
NOTES: *: LPV. **: "E" refers to EGNOS.		