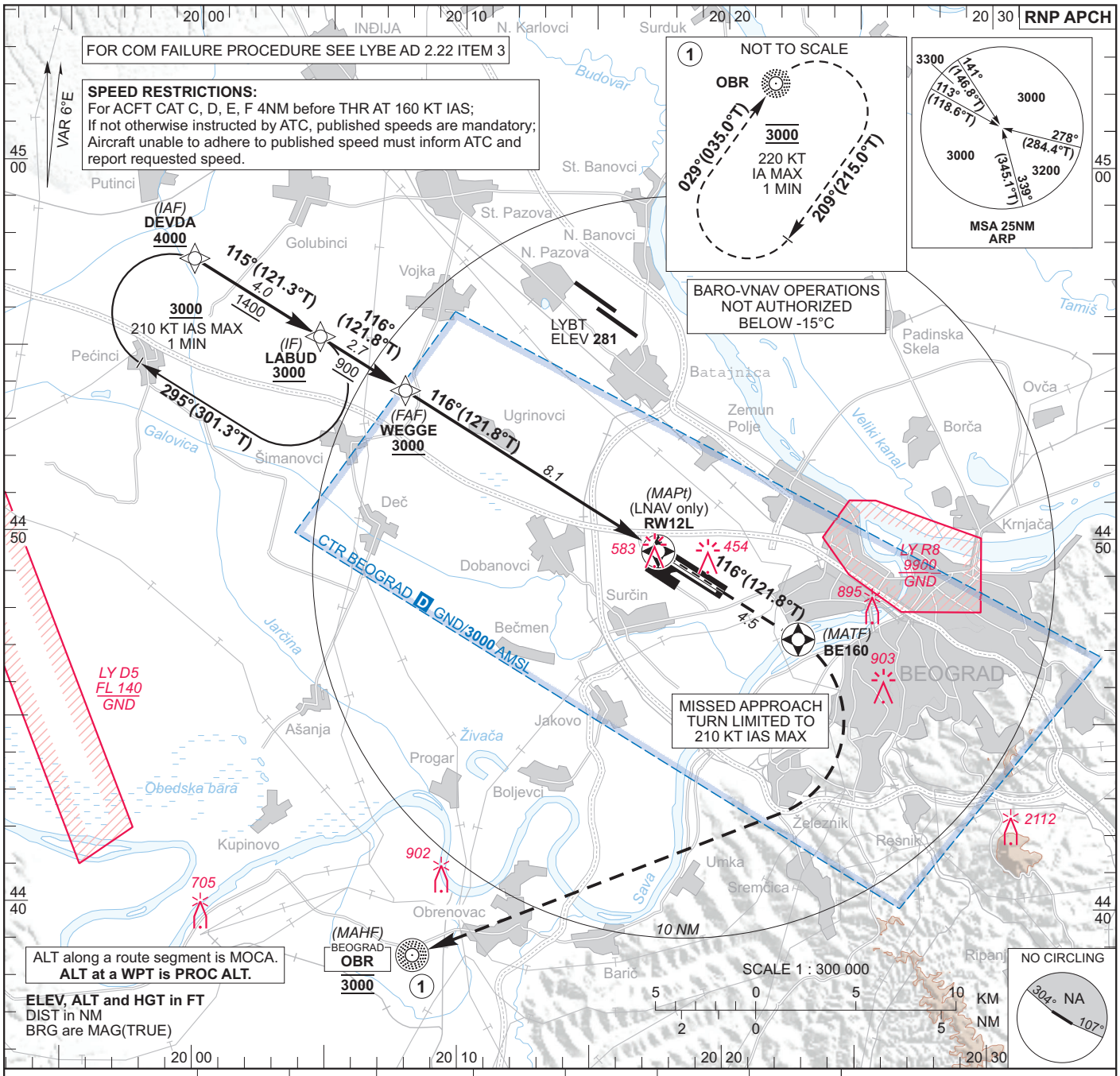
INSTRUMENT APPROACH CHART – ICAO

EGNOS CH 50667 E12A

AD ELEV **336**
HEIGHTS RELATED TO **THR ELEV**
THR RWY 12L ELEV **317**

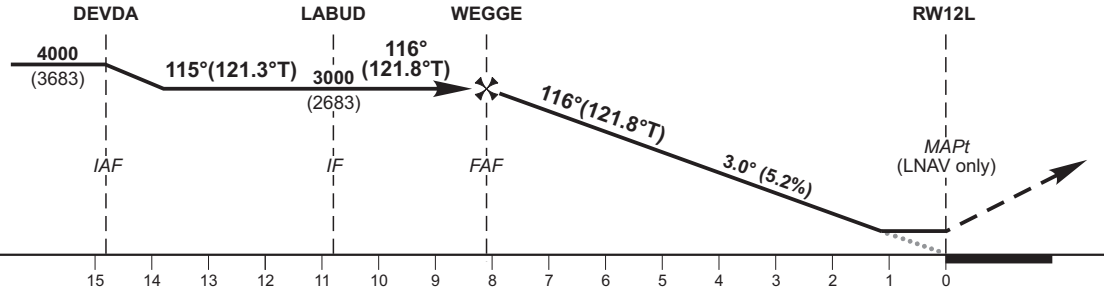
ATIS	125.025
Radar	133.100
TWR	118.100
GND	118.300

BEOGRAD/ Nikola Tesla
RNP RWY 12L



DIST to RW12L	8.0	7.0	6.0	5.0	4.0	3.0	2.0
ALT (HGT) 5.2% APCH	**2970** (2653)	**2640** (2323)	**2310** (1993)	**1980** (1663)	**1660** (1343)	**1330** (1013)	**1010** (693)

TRANSITION ALT **10000**



MISSED APPROACH
Climb straight ahead inbound BE160. At BE160 turn RIGHT (210 KT IAS MAX) direct to OBR at **3000** and hold. Further by ATC.

RDH **53**
THR ELEV **317**

Change: Speed restriction.

OCA (H)		A	B	C	D
Straight-in Approach	LNAV	**840** (523)			
	LNAV/VNAV	**720** (403)	**730** (413)	**740** (423)	**750** (433)
	LPV	**517** (200)			
Circling		**880** (544)		**980** (644)	**1180** (844)

GS	KT	70	90	100	120	140	160	180
Rate of descent	FPM	369	474	527	632	737	843	948

MAPt at RW12L (LNAV only).

Circling for ACFT CAT C and D NE of aerodrome NA.
Timing not authorized for defining the *MAPt*.

Instrument Approach Procedure RNP RWY 12L coding table

Arrivals from DEVDA										
WPT	*COORD*	*Path term.*	*Flyover*	*Course/Track °M(°T)*	*DIST*	*Turn Direction*	*ALT*	*Speed*	*VPA/TCH*	*NAV SPEC*
DEVDA	445721.2N 0195946.2E	IF	–	–	–	–	+4000	@210	–	RNP APCH
LABUD	445517.0N 0200434.1E	TF	–	115°(121.3°)	4.0	–	+3000	–	–	
WEGGE	445351.1N 0200749.0E	TF	–	116°(121.8°)	2.7	–	+3000	@180	–	
RW12L	444935.46N 0201727.51E	TF	Y	116°(121.8°)	8.1	–	–	–	-3.0/53	
BE160	444714.3N 0202246.9E	TF	Y	116°(121.8°)	4.5	R	–	–	–	
OBR	443837.8N 0200818.4E	DF	Y	–	–	–	@3000	-210	–	
OBR	443837.8N 0200818.4E	HM	–	029°(035.0°)	T 1min	R	@3000	-220	–	

RNAV Holding								
Holding point	*Inbound track ° True*	*Inbound track ° MAG*	*Turn Direction*	*MAX IAS KTS*	*Minimum Holding Altitude*	*Time*	*DIST*	*Remarks*
LABUD	121.3°	115°	Right	210	3000	1 MIN	–	–

SBAS FAS Data Block	
Input data	
Operation Type	0
Service Provider	1 (EGNOS)
Airport Identifier	LYBE
Runway	12
Runway Letter	3 (Left)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E12A
LTP / FTP Latitude	444935.4620N
LTP / FTP Longitude	0201727.5145E
LTP / FTP Ellipsoidal Height (metres)	140.1
FPAP Latitude	444835.3315N
Delta FPAP Latitude (seconds)	-60.1305
FPAP Longitude	0201943.0820E
Delta FPAP Longitude (seconds)	135.5675
Threshold Crossing Height	53.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	112
HAL (metres)	40.0
VAL (metres)	35.0
Output data	
Data Block	10 05 02 19 0C CC 00 00 01 32 31 05 CC C9 3C 13 B5 3B B5 08 79 19 3B 2A FE 1F 23 04 12 02 2C 01 64 0E C8 AF 7D BF ED 12
Calculated CRC Value	7DBFED12
Required Additional Data	
ICAO Code	LY
LTP/FTP Orthometric Height (metres)	96.6