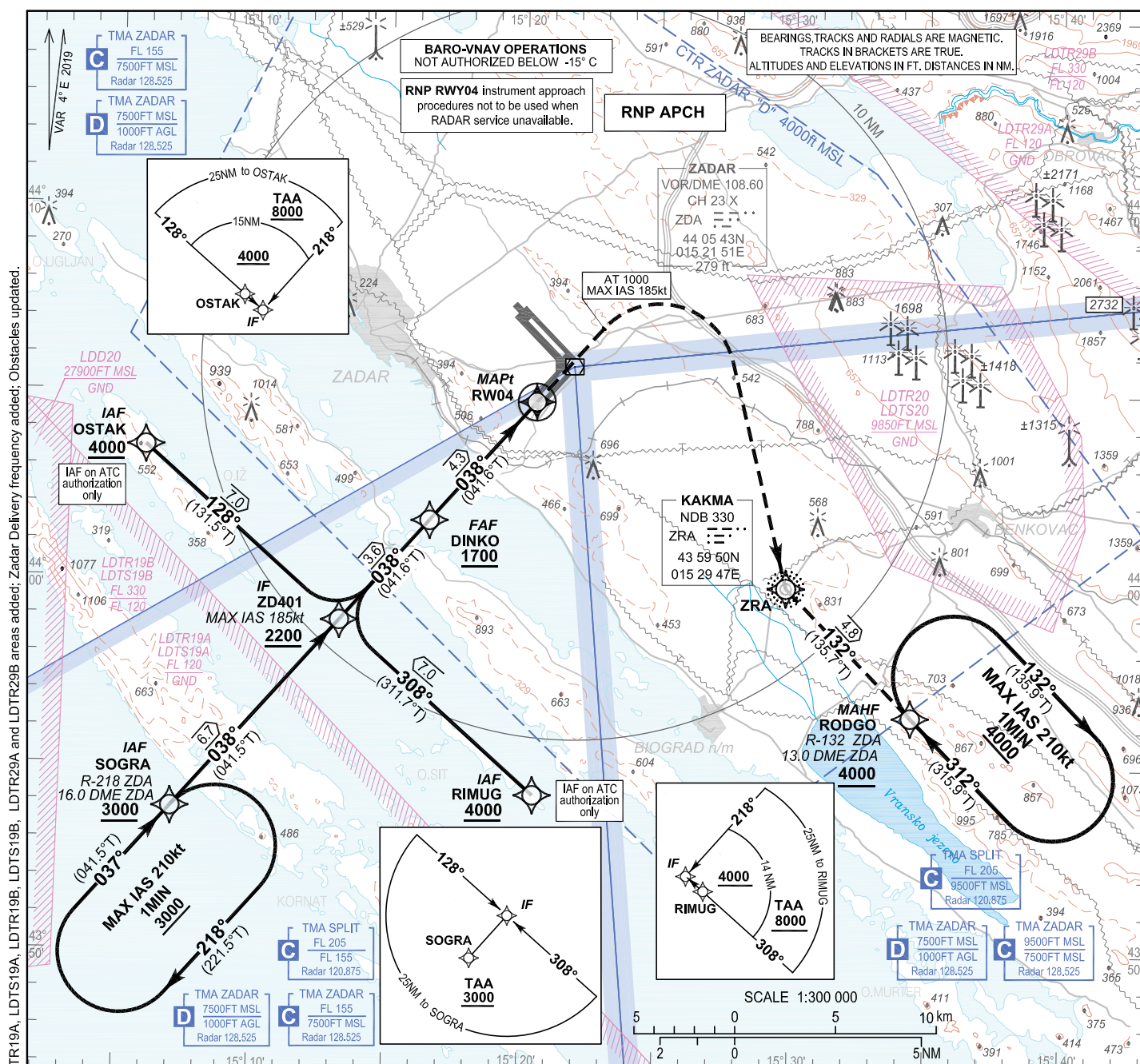


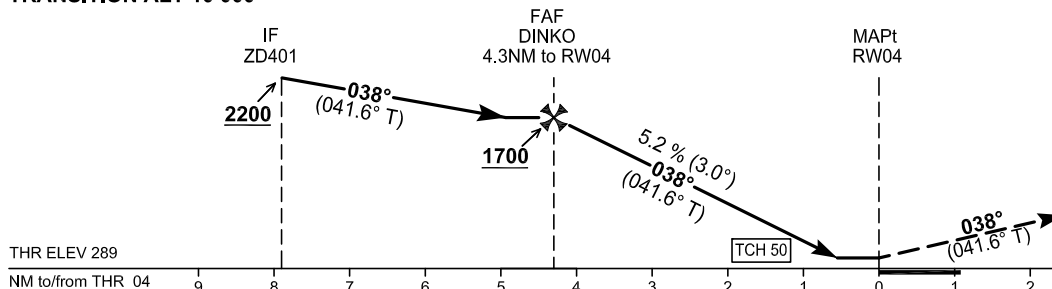
INSTRUMENT APPROACH
CHART-ICAOAD ELEV 289
HEIGHTS RELATED
TO THR 04 ELEV 289SBAS
CH: 52290
E04AZADAR RADAR 128.525
ZADAR TOWER 123.700
ZADAR DELIVERY 132.975

ZADAR / Zemunik (LDZD)

RNP RWY 04



TRANSITION ALT 10 000

MISSED APPROACH:
RNAVRW04 - [M038; A1000; R;]
→ ZRA [L; -K185] - RODGO [A4000]

NON RNAV

Climb straight ahead on course 038°. At 1000ft turn RIGHT to ZRA NDB. MAX IAS185kt during turn. From ZRA NDB proceed climbing on QDR 132° ZRA to RODGO at 4000 and hold.

THR ELEV 289

NM to/from THR 04

OCA(H)		A	B	C	D
Straight-in approach	LNAV	660 (371)			
	LNAV/VNAV	550 (261)	560 (271)	570 (281)	580 (291)
	LPV	540 (251)	550 (261)	560 (271)	570 (281)
CIRCLING		1020 (731)		1170 (881)	

DIST THR / RW04	NM	4	3	2	1
Altitude	ft	1610	1290	980	660

Timing not authorized for defining the MAPt							
GS	kt	80	100	120	140	160	180
DINKO - RW04 (4.3NM)	min:sec	3:14	2:35	2:09	1:51	1:37	1:26
Rate of descent (5.2%)	ft/min	425	531	637	743	849	955

RNP RWY 04

Coding elements for FAS Data Block

Input data

Operation Type	0
SBAS Provider	1
Airport Identifier	LDZD
Runway	04
Runway Direction	0
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E04A
LTP/FTP Latitude	440445.8130N
LTP/FTP Longitude	0152028.1870E
LTP/FTP Ellipsoidal Height (metres)	130.5
FPAP Latitude	440534.1085N
Delta FPAP Latitude (seconds)	48.2955
FPAP Longitude	0152127.7285E
Delta FPAP Longitude (seconds)	59.5415
Threshold Crossing Height	50.0
TCH Units Selector	0
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 04 1A 04 0C 04 00 00 01 34 30 05 EA B4 EA 12 36 6E 95 06 19 19 4F 79 01 2B D1 01 F4 01 2C 01 64 00 C8 FA 79 74 59 BA
Calculated CRC Value	797459BA

Required Additional Data

ICAO Code	LD
LTP/FTP Orthometric Height (metres)	88.0
FPAP Orthometric Height (metres)	82.9

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated.

RNP RWY 04

LDZD RNP RWY 04													
Proposed tabular description for navigation database coding - APPROACH TRANSITION													
Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	RIMUG	-	-	4°E	-	-	+4000	-	-	IAF on ATC authorization only	RNP APCH
020	IF	TF	ZD401	-	308° (311.7° T)	4°E	7.0	-	+2200	-185	-	-	
010	IAF	IF	SOGRA	-	-	4°E	-	-	+3000	-	-		RNP APCH
020	IF	TF	ZD401	-	038° (041.5° T)	4°E	6.7	-	+2200	-185	-	-	
010	IAF	IF	OSTAK	-	-	4°E	-	-	+4000	-	-	IAF on ATC authorization only	RNP APCH
020	IF	TF	ZD401	-	128° (131.5° T)	4°E	7.0	-	+2200	-185	-	-	
Proposed tabular description for navigation database coding - FINAL TRANSITION													
Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IF	IF	ZD401	-	-	4°E	-	-	+2200	-185	-	-	RNP APCH
020	FAF	TF	DINKO	-	038° (041.6°T)	4°E	3.6	-	+1700	-	-	-	
030	MAPt	CF	RW04	Y	038° (041.6°T)	4°E	4.3	-	-	-	3.0 / 50.0	-	
040	-	CA	-	-	038° (041.6°T)	4°E	-	-	1000	-	-	RIGHT turn at ALT 1000	
050	-	DF	ZRA	-	-	4°E	-	R	-	-185	-	-	
060	MAHF	TF	RODGO	-	132° (135.7°T)	4°E	4.8	-	4000	-	-	-	
070	MAHF	HM	RODGO	-	312° (315.9°T)	4°E	1 MIN	R	4000	-210	-	Holding above 4000 on ATC clearance only	RNAV 1
RNAV HOLDING tabular description													
Waypoint name	Path Terminator	Inbound course °M (°T)	Leg time/ distance NM	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC			
SOGRA	HM	037° (041.5°T)	1MIN / -	R	3000	-	210	4°E	-	RNAV 1			
RODGO	HM	312° (315.9°T)	1MIN / -	R	4000	-	210	4°E	-				
Waypoint coordinates													
Waypoint name		WGS-84 latitude		WGS-84 longitude									
ZRA		435949.76N		0152947.31E									
DINKO		440133.9N		0151632.0E									
OSTAK		440331.0N		0150557.8E									
RIMUG		435413.2N		0152027.8E									
RODGO		435622.6N		0153426.9E									
SOGRA		435350.2N		0150702.6E									
RW04		440445.81N		0152028.19E									
ZD401		435852.3N		0151313.4E									

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated.

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