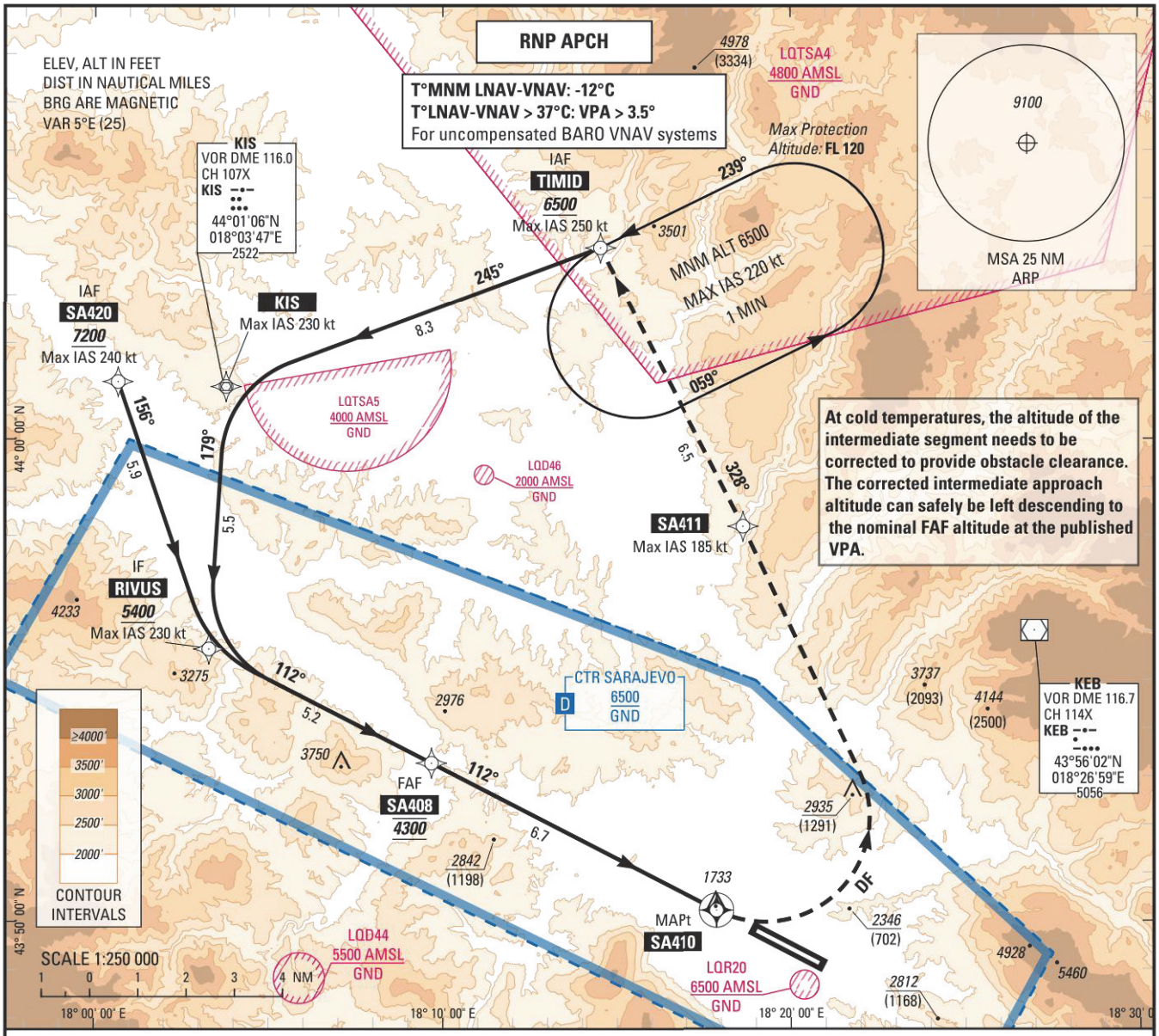
INSTRUMENT APPROACH CHART — ICAO

AERODROME ELEV 1705 ft
HEIGHTS RELATED TO
DTHR RWY 11 — ELEV 1644 ft

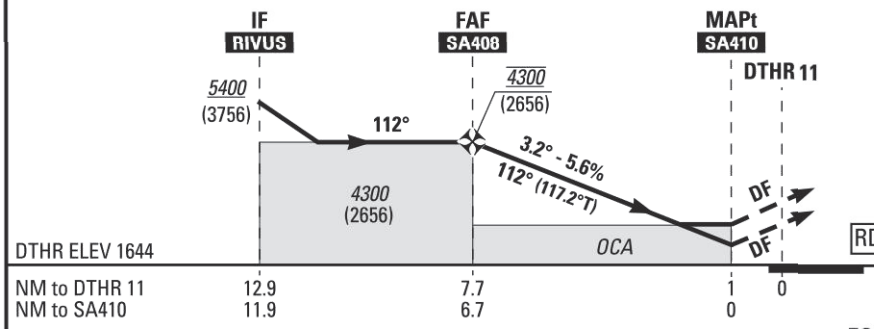
APP 136.450
119.775
TWR 118.250
ATIS 124.125

SARAJEVO / SARAJEVO (LQSA)

RNP Y RWY 11



TRANSITION ALTITUDE 10000



MISSED APPROACH:

At **SA410** turn **left** direct to **SA411** (Max IAS **185 kt**), then to **TIMID** (Max IAS **250kt**) climbing to ***6500*** (4856).
At **TIMID,** hold or follow ATC instructions.
If unable to reach ***6500*** over **TIMID**, continue to climb in the holding.

FOR **additional minima**, refer to LQSA AD 2.24.12-24

	LNAV/VNAV MA slope 2.5%	LNAV MA slope 2.5%	Circling (1)
CAT	***OCA*** (H)	***OCA*** (H)	***OCA*** (H)
A	***2730*** (1090)	***2920*** (1270)	***2920*** (1270)
B	***2740*** (1100)		***3110*** (1470)
C	***2890*** (1250)	***3340*** (1700)	-
D	***2920*** (1270)	***3360*** (1710)	-

(1) Day time only and not authorized South of the runway 11/29
Not allowed for CAT C/D aircraft

DIST SA410

NM	6	5	4	3
ALT (HGT)	***4070*** (2426)	***3730*** (2086)	***3390*** (1746)	***3050*** (1406)

FAF - SA410 (NM)	6.7	Speed Time	70 Kt 5 min 43	85 Kt 4 min 42	100 Kt 4 min 00	115 Kt 3 min 29	130 Kt 3 min 05	145 Kt 2 min 46	160 Kt 2 min 30	185 Kt 2 min 10
Slope (%)	5.6	VSP (ft/min)	400	480	570	650	740	820	910	1050

Minima LNAV / VNAV

The standard LNAV / VNAV Minima below are determined for ACFT performing an RNP APCH procedure which are able to maintain a climbing slope greater than 2.5% during a missed APCH.

Slope in missed approach	***OCA*** (H) LNAV/VNAV		
	MA slope 3.0%	MA slope 4.0%	MA slope 4.5%
A	***2570*** (930)	***2440*** (800)	***2380*** (740)
B	***2580*** (940)	***2450*** (810)	***2400*** (750)
C	***2750*** (1110)	***2520*** (880)	***2420*** (780)
D	***2780*** (1140)	***2560*** (910)	***2490*** (840)

Minima LNAV

The standard LNAV Minima below are determined for ACFT performing an RNP APCH procedure which are able to maintain a climbing slope greater than 2.5% during a missed APCH.

Slope in missed approach	***OCA*** (H) LNAV		
	MA slope 3.0%	MA slope 3.5%	MA slope 4.0%
A	***2920*** (1270)	***2920*** (1270)	***2920*** (1270)
B			
C	***3180*** (1540)	***3020*** (1380)	
D	***3200*** (1550)	***3040*** (1390)	

LQMO RNP RWY11 y																			
Proposed tabular description for navigation database coding - RNP APPROACH																			
Seq N°	PT	W/P ID	OverFly	Fix role	TD	CRS Val (°)	CRS Type	TIME val	TIME uom	DIST val NM	ALT DESC	ALT ONE FT	ALT TWO FT	SPD LMT KT	VRT ANG (°)	NAV PERF	Phase	Transition Identifier	Runway Direction	Magnetic CRS val(°)
10	IF	TIMID		IAF							+	6500		250		1.000 NM	A	TIMID		
20	TF	KIS	N			249.655	TT			8.278				230		1.000 NM	A	TIMID		244.655
30	TF	RIVUS	N			183.710	TT			5.452	+	5400				1.000 NM	A	TIMID		178.710
10	IF	SA420		IAF							+	7200		240		1.000 NM	A	SA420		
20	TF	RIVUS	N			161.186	TT			5.853	+	5400		230		1.000 NM	A	SA420		156.186
10	IF	RIVUS		IF							+	5400		230		1.000 NM	R		11	
20	TF	SA408	N	FAF		117.091	TT			5.187	@	4300				1.000 NM	R		11	112.091
30	TF	SA410	Y	MAPT		117.247	TT			6.667	@	2036			-3.200	0.300 NM	R		11	112.247
10	DF	SA411	N											185		1.000 NM	Z	TIMID		
20	TF	TIMID	N			332.934	TT			6.500	+	6500		250		1.000 NM	Z	TIMID		327.934
30	HM	TIMID	Y		L	244	TT	60	S		B	6500	FL120(STD)	220		NA	Z			239.000

ADHP ICAO Identifier	W/P ID	W/P ICAO Code	W/P Type	Latitude	Longitude
LQ	BOSNA		ICAO	44°22'14.0000"N	017°45'35.0000"E
LQ	GACMO		ICAO	43°08'34.0000"N	018°33'29.0000"E
LQ	KIS		ICAO	44°01'05.7900"N	018°03'46.7900"E
LQ	KUTAK		ICAO	43°15'01.0000"N	018°32'37.0000"E
LQ	MITNO		ICAO	43°46'24.0000"N	019°14'30.0000"E
LQ	OSLUD		ICAO	43°28'38.0000"N	018°47'14.0000"E
LQ	PODOB		ICAO	43°31'54.0000"N	019°08'40.0000"E
LQ	RIVUS		ICAO	43°55'39.3000"N	018°03'17.5000"E
LQ	RUDAR		ICAO	43°38'55.0000"N	018°29'21.0000"E
LQ	RW11		ADHP	43°49'46.3700"N	018°19'05.6000"E
LQ	SA408		ADHP	43°53'17.3900"N	018°09'40.6110"E
LQ	SA409		ADHP	43°53'13.1650"N	018°09'51.4640"E
LQ	SA410		ADHP	43°50'13.9370"N	018°17'51.9710"E
LQ	SA411		ADHP	43°58'11.7410"N	018°18'38.2660"E
LQ	SA420		ADHP	44°01'11.7490"N	018°00'40.7960"E
LQ	SA422		ADHP	44°03'47.7010"N	017°50'20.1060"E
LQ	SA423		ADHP	43°58'19.5610"N	017°44'59.5300"E
LQ	SA424		ADHP	43°55'22.9050"N	017°42'07.4550"E
LQ	SA425		COORD	43°47'27.5590"N	018°09'58.0010"E
LQ	SA426		ADHP	43°24'55.5340"N	018°31'16.0540"E
LQ	SA610		ADHP	43°46'09.5530"N	018°28'42.9390"E
LQ	SA612		ADHP	43°53'47.1390"N	018°35'19.1760"E
LQ	SA614		ADHP	43°59'43.4500"N	018°25'03.2690"E
LQ	SA616		ADHP	43°50'03.2680"N	017°49'39.5310"E
LQ	SA617		ADHP	43°46'13.5250"N	018°36'59.7470"E
LQ	SA618		ADHP	43°46'18.3570"N	018°49'24.9900"E
LQ	SA619		ADHP	43°41'48.0260"N	018°33'20.5760"E
LQ	SA620		COORD	43°37'11.7960"N	018°29'51.7030"E
LQ	SA621		COORD	43°24'51.3180"N	018°31'25.8290"E
LQ	TIMID		ICAO	44°03'58.9800"N	018°14'32.1400"E
LQ	VEBAR		ICAO	44°08'12.0000"N	019°10'49.0000"E
LQ	VRANA		ICAO	43°45'13.0000"N	017°32'16.0000"E