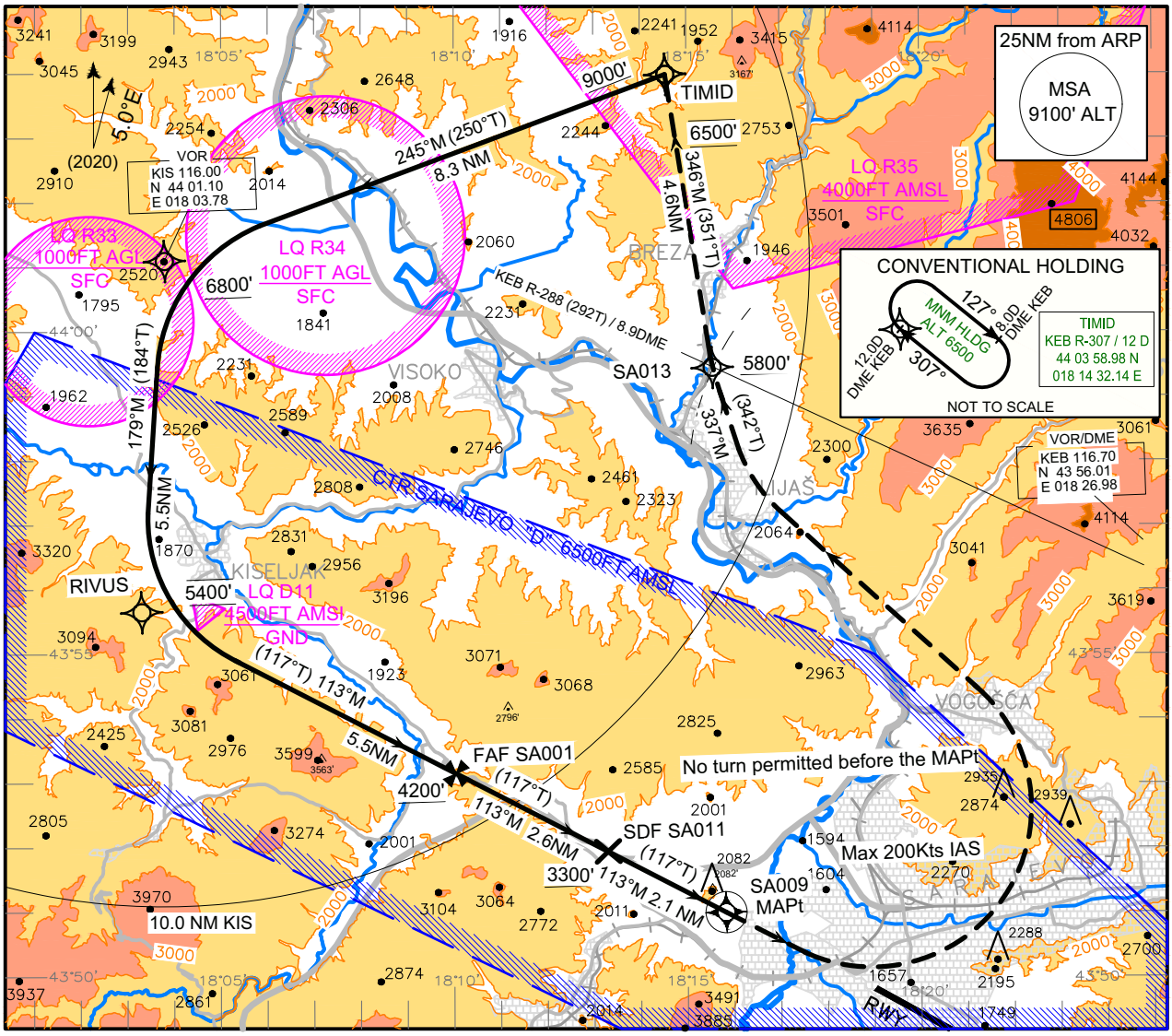
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 1705 FT
OCH RELATED TO
THR RWY 11 ELEV 1643 FT

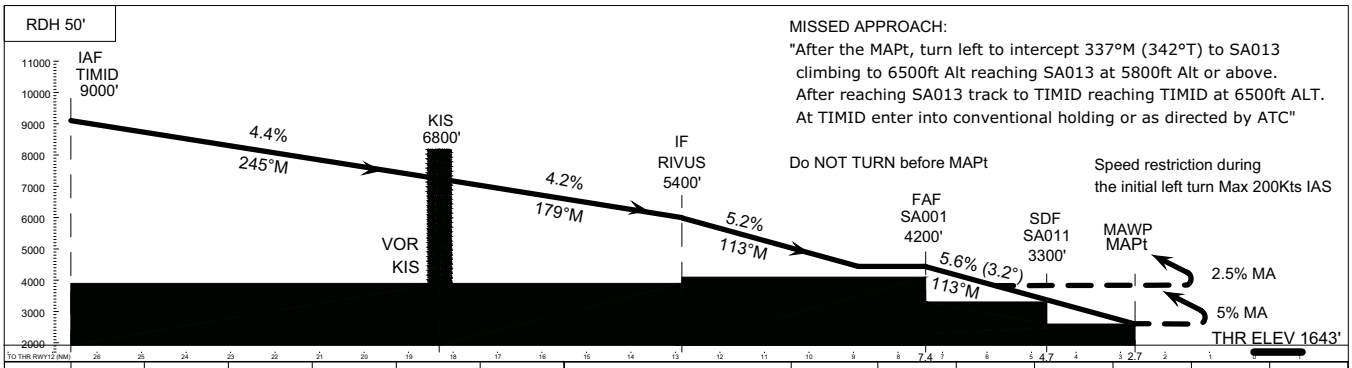
TRANSITION
ALTITUDE
10 000 FT
VAR 5°E (2020)

APP 136.450; 119.775
TWR 118.250
GND 121.900
ATIS 124.125

SARAJEVO (LQSA)
RNP RWY 11
Missed APP 2.5% 5.0%



SCALE 1:200000
0 5 NM
5 Km



STRAIGHT IN APPROACH	CAT	A	B	C	D	E
OCA (OCH)	LNAV	NA		2600'(957') 5% Missed Aproach gradient		NA
				4050'(2407') 2.5% Missed Aproach gradient		NA
CIRCLING	North of AD only. Night not Authorised					
		NA	NA	5050' (3342')	5820' (4112')	NA

GS	kt	90	110	130	150	170	190
SA001-RWY11 (7.4 NM)	MIN:SEC	4:55	4:01	3:24	2:57	2:36	2:19
Rate of desc. (5.6 %)	ft/MIN	510	623	737	850	963	1077

Alt./Height On Final App.					
DIST THR - (NM)	7.4	6.4	5.4	4.4	
ALTITUDE	4200'(2557')	3860'(2217')	3520'(1877')	3180'(1537')	

CHG: AD ELEV.;

ELEVATIONS: 4000FT–5000FT | 3000FT–4000FT | 2000FT–3000FT | 1000FT–2000FT

Coding Tabels

2.5% Missed approach

	RNP RWY 11												
	Proposed tabular description for navigation database coding												
Serial number	Fix	Path descriptor	Waypoint name	Flyover	Course °M	Course °T	Magnetic variation (°)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/RDH (ft)	NAV SPEC
010	IAF	IF	TIMID	N	-	-	-	-	-	+9000	-	-	RNP APCH
020	-	TF	KIS	N	245	250.0	5.0° E	8.3	-	+6800	-	-	RNP APCH
030	IF	TF	RIVUS	N	179	184.0	5.0° E	5.5	L	@5400	-	-	RNP APCH
040	FAF	TF	SA001	N	113	117.0	5.0° E	5.5	-	+4200	-	-	RNP APCH
050	SDF	TF	SA011	N	113	117.0	5.0° E	2.6	-	+4050	-	-0.5°	RNP APCH
060	MAPT	TF	SA009	Y	113	117.0	5.0° E	2.1	-	+4050	-	-0.0°/50	RNP APCH
070	-	CF	SA013	N	337	342.0	5.0° E	15.0	L	+5800	200	-	RNP APCH
080	-	TF	TIMID	N	346	351.0	5.0° E	4.6	-	@6500	-	-	RNP APCH

Note: **The SDF shall not be coded as a waypoint**

5% Missed Approach

	RNP RWY 11												
	Proposed tabular description for navigation database coding												
Serial number	Fix	Path descriptor	Waypoint name	Flyover	Course °M	Course °T	Magnetic variation (°)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/RDH (ft)	NAV SPEC
010	IAF	IF	TIMID	N	-	-	-	-	-	+9000	-	-	RNP APCH
020	-	TF	KIS	N	245	250.0	5.0° E	8.3	-	+6800	-	-	RNP APCH
030	IF	TF	RIVUS	N	179	184.0	5.0° E	5.5	L	@5400	-	-	RNP APCH
040	FAF	TF	SA001	N	113	117.0	5.0° E	5.5	-	+4200	-	-	RNP APCH
050	SDF	TF	SA011	N	113	117.0	5.0° E	2.6	-	+3300	-	-3.2°	RNP APCH
060	MAPT	TF	SA009	Y	113	117.0	5.0° E	2.1	-	+2600	-	-3.2°/50	RNP APCH
070	-	CF	SA013	N	337	342.0	5.0° E	15.0	L	+5800	200	-	RNP APCH
080	-	TF	TIMID	N	346	351.0	5.0° E	4.6	-	@6500	-	-	RNP APCH

Note: **The SDF shall not be coded as a waypoint**

Waypoint coordinates		
Waypoint name	**WGS-84 Latitude**	**WGS-84 Longitude**
TIMID	440358.9800 N	0181432.1400 E
KIS	440105.7900 N	0180346.7900 E
RIVUS	435539.3000 N	0180317.5000 E
SA001	435309.4075 N	0181001.9544 E
SA011	435156.6400 N	0181317.1039 E
SA009	435059.9694 N	0181548.8302 E
SA013	435926.3999 N	0181532.1402 E