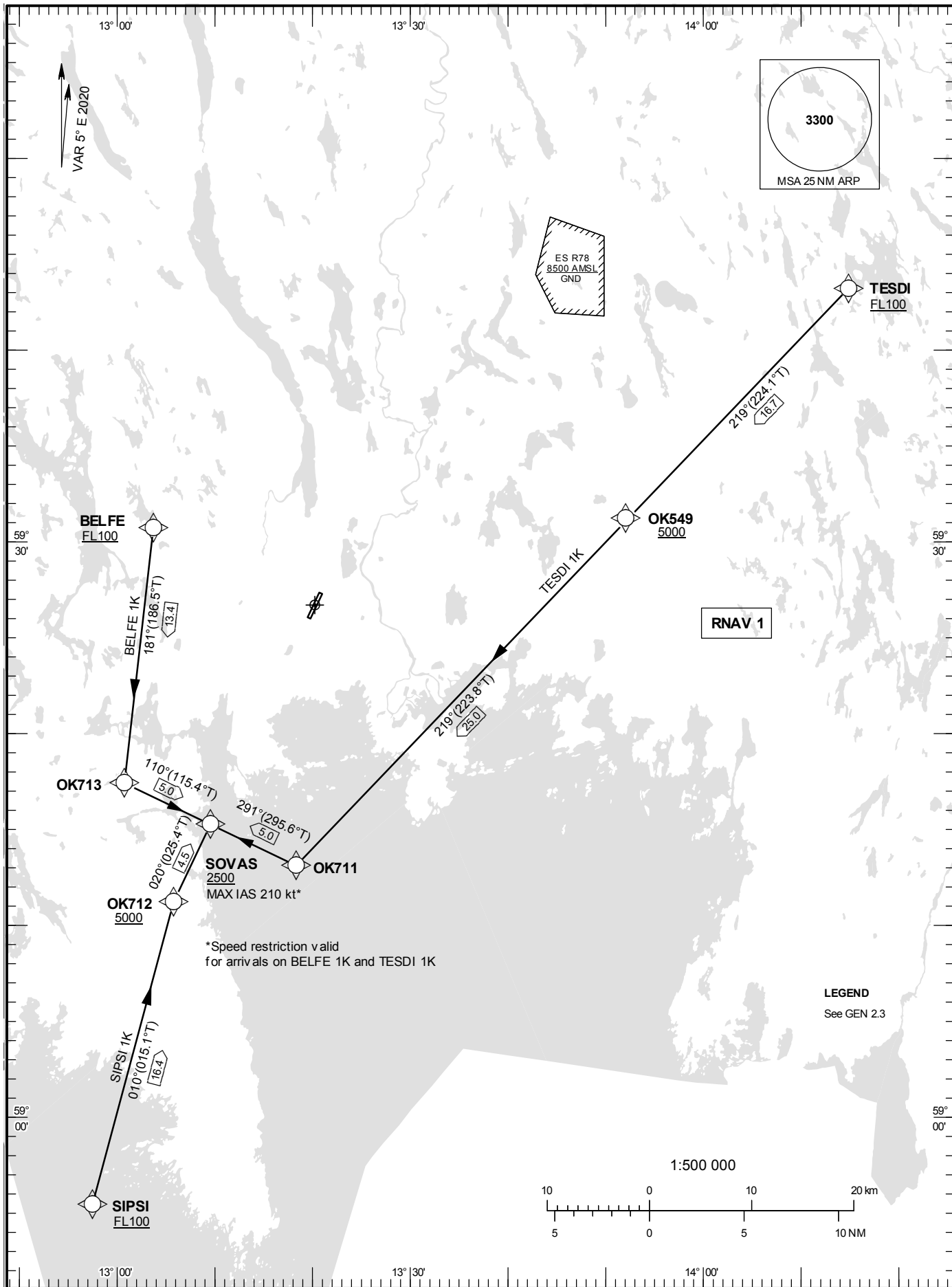


**STANDARD INSTRUMENT
ARRIVAL CHART (STAR) -
ICAO**

HGT and ALT in ft
BRG are MAG (True)
TA 5000 ft AMSL

KARLSTAD TOWER 119.455

RNAV (GNSS) STAR RWY 03



KARLSTAD

Prescribed Coding of RNAV (GNSS) STAR for RWY 03

BELFE 1K

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/ RDH (°/ft)	Rec Navaid	Navigation Specification
IF	BELFE	-	-	-	-	+FL100	-	-	-	RNAV 1
TF	OK713	-	181°(186.5°)	13.4	-	-	-	-	-	RNAV 1
TF	SOVAS	-	110°(115.4°)	5.0	-	+2500	-210	-	-	RNAV 1

STAR instruction: BELFE (FL100 or above) – OK713 – SOVAS (2500 ft or above, MAX IAS 210 kt).

PDG on BELFE 1K: If BELFE is passed at FL100, descent gradient on STAR (to SOVAS) is 3.8° (6.6 %).

SIPSI 1K

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/ RDH (°/ft)	Rec Navaid	Navigation Specification
IF	SIPSI	-	-	-	-	+FL100	-	-	-	RNAV 1
TF	OK712	-	010°(015.1°)	16.4	-	+5000	-	-	-	RNAV 1
TF	SOVAS	-	020°(025.4°)	4.5	-	+2500	-	-	-	RNAV 1

STAR instruction: SIPSI (FL100 or above) – OK712 (5000 ft or above) – SOVAS (2500 ft or above).

TESDI 1K

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/ RDH (°/ft)	Rec Navaid	Navigation Specification
IF	TESDI	-	-	-	-	+FL100	-	-	-	RNAV 1
TF	OK549	-	219°(224.1°)	16.7	-	+5000	-	-	-	RNAV 1
TF	OK711	-	219°(223.8°)	25.0	-	-	-	-	-	RNAV 1
TF	SOVAS	-	291°(295.6°)	5.0	-	+2500	-210	-	-	RNAV 1

STAR instruction: TESDI (FL100 or above) – OK549 (5000 ft or above) – OK711 – SOVAS (2500 ft or above, MAX IAS 210 kt).