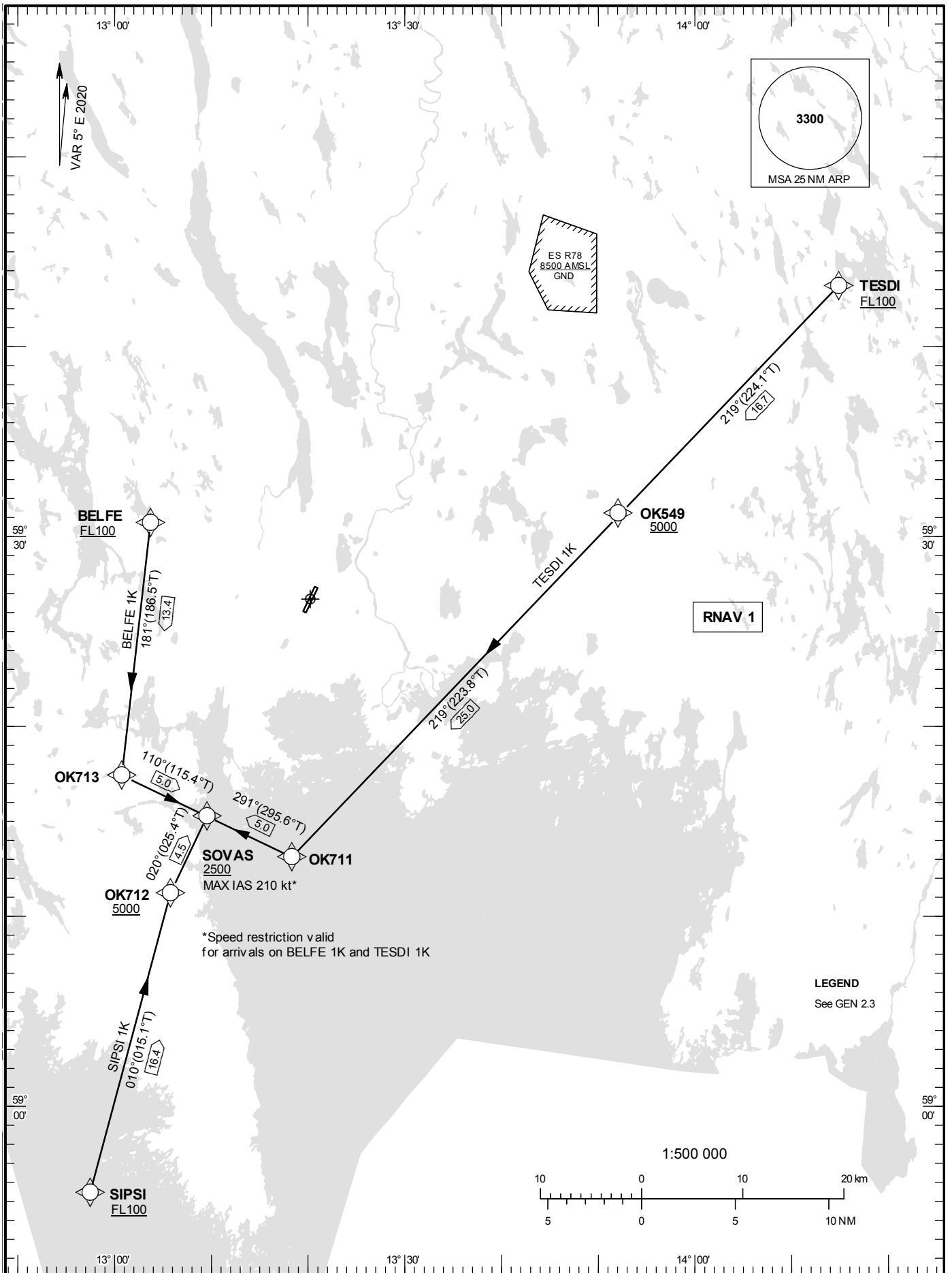


STANDARD INSTRUMENT  
ARRIVAL CHART (STAR) -  
ICAO

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

KARLSTAD TOWER 119.455

RNAV (GNSS) STAR RWY 03



**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).