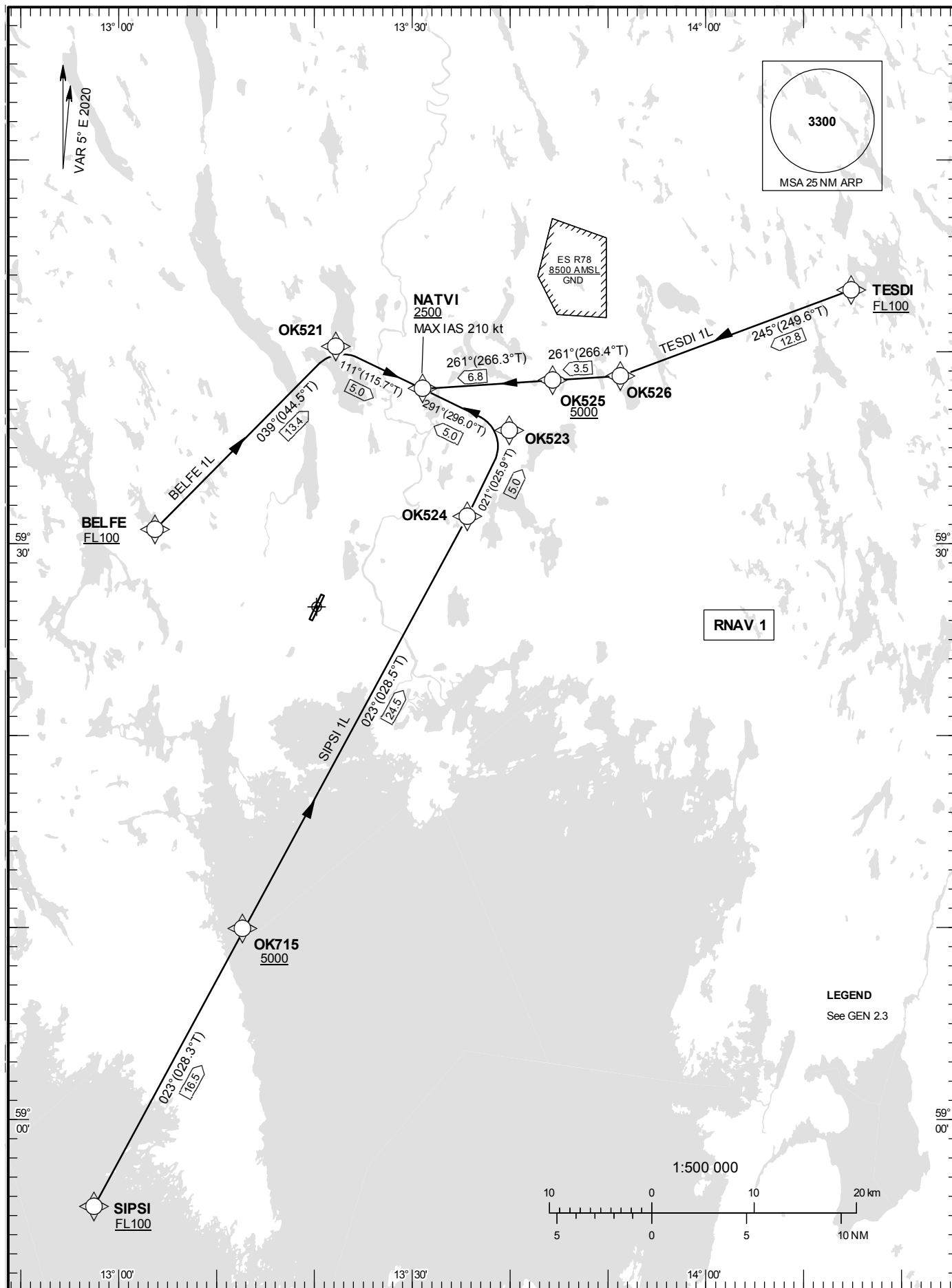


STANDARD INSTRUMENT
ARRIVAL CHART (STAR) -
ICAO

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

KARLSTAD TOWER 119.455

RNAV (GNSS) STAR RWY 21



KARLSTAD

Prescribed Coding of RNAV (GNSS) STAR for RWY 21

BELFE 1L

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	OK521	-	039°(044.5°)	13.4	-	-	-	-	-	RNAV 1
TF	NATVI	-	111°(115.7°)	5.0	-	+2500	-210	-	-	RNAV 1

STAR instruction: BELFE (FL100 or above) – OK521– NATVI (2500 ft or above, MAX IAS 210 kt).

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

SIPSI 1L

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	OK715	-	023°(028.3°)	16.5	-	+5000	-	-	-	RNAV 1
TF	OK524	-	023°(028.5°)	24.5	-	-	-	-	-	RNAV 1
TF	OK523	-	021°(025.9°)	5.0	-	-	-	-	-	RNAV 1
TF	NATVI	-	291°(296.0°)	5.0	-	+2500	-210	-	-	RNAV 1

STAR instruction: SIPSI (FL100 or above) – OK715 (5000 ft or above) – OK524 – OK523 – NATVI (2500 ft or above, MAX IAS 210 kt).

TESDI 1L

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	OK526	-	245°(249.6°)	12.8	-	-	-	-	-	RNAV 1
TF	OK525	-	261°(266.4°)	3.5	-	+5000	-	-	-	RNAV 1
TF	NATVI	-	261°(266.3°)	6.8	-	+2500	-210	-	-	RNAV 1

STAR instruction: TESDI (FL100 or above) – OK526 – OK525 (5000 ft or above) – NATVI (2500 ft or above, MAX IAS 210 kt).