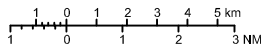


INSTRUMENT
APPROACH CHART-ICAO

1:250 000

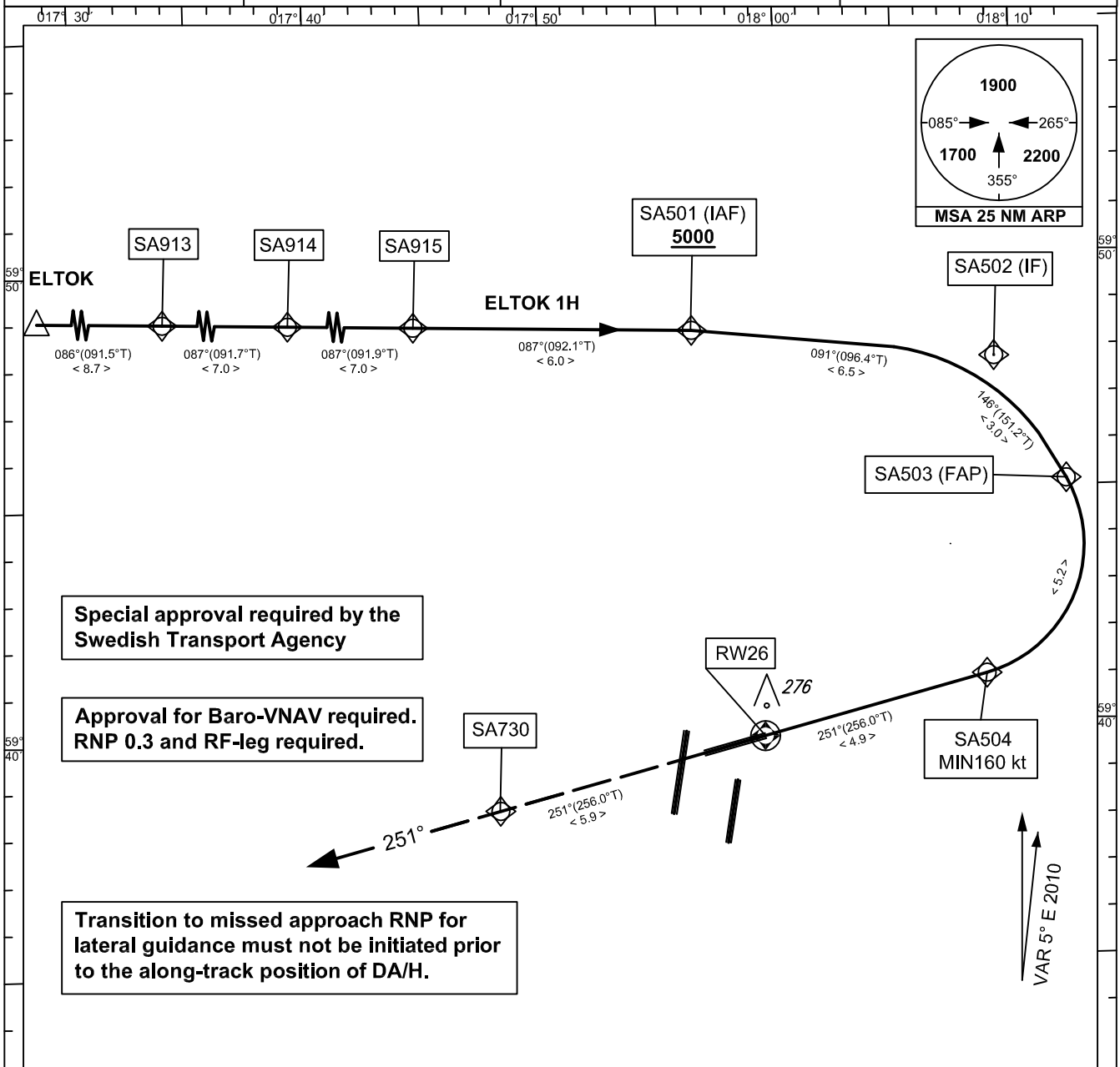


THR ELEV 124 ft,
AD ELEV 137 ft
HGT are related to THR.
BRG are MAG.
ALT, HGT and ELEV in ft.

ARLANDA 128.725
TOWER 118.500 / 125.125
ATIS ARR 119.000
STOCKHOLM 123.750
CONTROL

AD 2-ESSA-5-13

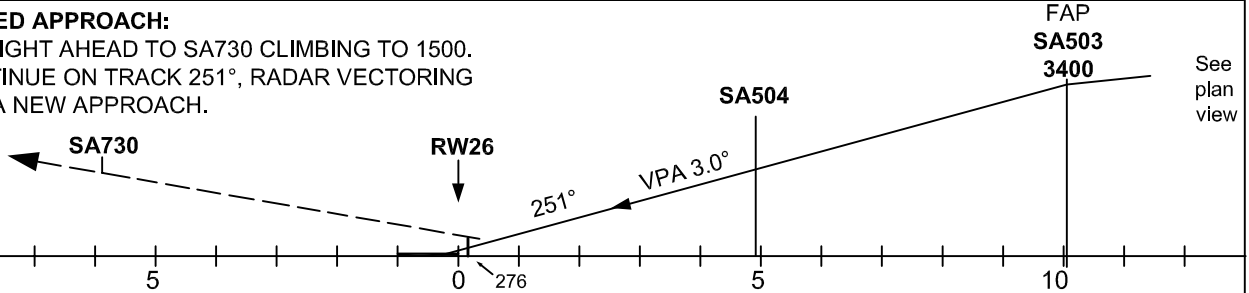
RNAV (RNP) RWY 26
STOCKHOLM/ARLANDA
SWEDEN



TRANSITION ALTITUDE 5000 MSL | RDH 53 FT | PAPI GP 3.0° (5.2%) | SPECIAL COM FAILURE PROCEDURES see ESSA AD 2.22

MISSED APPROACH:

STRAIGHT AHEAD TO SA730 CLIMBING TO 1500.
CONTINUE ON TRACK 251°, RADAR VECTORING FOR A NEW APPROACH.



DA(H)	CAT C	CAT D
RNP(0.3) LNAV/VNAV	450 (320)	450 (320)
NA BELOW -25°C		

RNP STAR ELTOK 1H

STOCKHOLM/ARLANDA (ESSA)
RWY 26

RNAV(RNP) RWY 26

Prescribed coding of RNP AR approach procedure to RWY 26 and RNP STAR ELTOK 1H at STOCKHOLM/ARLANDA aerodrome.

RNP STAR	Path term	To fix	Fly-over	Hdg/ Course MAG	Turn Dir	Rest Alts AMSL	Speed Limits	Rec Nav	Vert Angle	Nav Perf.
ELTOK 1H (ELTO1H)	IF	ELTOK	-							RNP 1.0
	TF	SA913	-							RNP 1.0
	TF	SA914	-							RNP 1.0
	TF	SA915	-							RNP 1.0
	TF	SA501	-			+ 5000				RNP 1.0

WPT sequence: ELTOK – SA913 – SA914 – SA915 – SA501 (A5000+)

Approach RNP AR	Path term	To/ from fix	Fly-over	Hdg/ Course MAG	Turn Dir	Rest Alts AMSL	Speed Limits	ARC Radius	Vert Angle	Arc center	Nav Perf.
	IF	SA501	-			+ 5000					RNP 0.3
	TF	SA502	-								RNP 0.3
	TF	SA503	-			3400					RNP 0.3
	RF	SA504	-		R		+160	2.862 NM	-3.00	ARC53	RNP 0.3
	TF	RW26	Y			177			-3.00		RNP 0.3
	TF	SA730	-								RNP 0.5
	FM	SA730		251°		1500					RNP 1.0

WPT sequence: SA501 – SA502 – SA503 (A3400) - SA504 (K160+) – RW26 – SA730 - (A1500)

RNP STAR ELTOK 1H and RNP AR (Authorization Required) approach procedure to RWY 26 at STOCKHOLM/ARLANDA aerodrome.

Note: This information must be included in Company Route Manuals.

GENERAL

The RNP AR procedure to RWY 26 is designed to shorten the flight distance and thereby minimizing pollution and noise dispersion.

APPROVED USERS, EQUIPMENT AND OPERATIONS

1. The operator must have a Baro VNAV issued by its Civil Aviation Authority. (Reference to AMC 20-27)
2. The operator must have a Special Authorization from the Swedish Transport Agency in order to use the RNP AR approach to RWY 26. (Reference to AMC 20-26)
3. The RNP AR approach procedure requires a navigation accuracy of RNP 0.3 and RF-leg capability between SA503 – SA504. The vertical guidance is based on Baro VNAV with GNSS and IRS and requires RNAV equipment which uses barometric altimeter input.
4. The RNP STAR ELTOK 1H is based on the use of RNAV with RNP 1.0 and is designed to be used only in conjunction with the RNP AR procedure to RWY 26.

RAIM-CHECK

During flight planning the pilot shall perform a RAIM-check with mask angle 5°.

LIMITATIONS OF THE PROCEDURE

The procedure is designed for a temperature down to -25 degrees C. Temperature correction of the barometric altimeter is not required.

FMS/RNAV EQUIPMENT FAILURE

If the airborne FMS/RNAV equipment fails, ATS shall be informed as soon as practicable for radar vectors.

MISSED APPROACH PROCEDURE

The Missed Approach procedure is based on RNP 0.5 until SA730. Thereafter RNP 1.0 is valid.

1. Missed approach, **before SA504**, continue the lateral navigation in accordance with the RNP AR procedure followed by Missed approach procedure.
2. Missed approach, **after SA504**, continue straight ahead followed by Missed approach procedure.
3. Missed approach and unable to follow lateral navigation due to FMS/RNAV equipment failure, inform ATS as soon as practicable for radar vectors.

COM FAILURE

In case of COM FAILURE see ESSA AD 2.22.

CHARTED ALTITUDE/FLIGHT LEVEL

5000 "At or above" altitude/flight level

**List of Waypoints and Name-code designators (WGS84) for RNP STAR ELTOK 1H and
RNP AR Approach to RWY 26**

WPT	LAT	LONG
SA501	59 48 31.8N	017 56 09.8E
SA502	59 47 47.7N	018 08 55.8E
SA503	59 45 08.0N	018 11 48.7E
SA504	59 41 01.6N	018 08 10.9E
SA730	59 38 23.6N	017 47 29.7E
SA913	59 49 13.5N	017 16 35.7E
SA914	59 49 00.2N	017 30 29.3E
SA915	59 48 45.5N	017 44 22.7E
RW26	59 39 50.03 N	017 58 44.95 E
ARC53	59 43 47.8 N	018 06 49.0 E
ELTOK	59 49 28.0 N	016 59 23.7 E