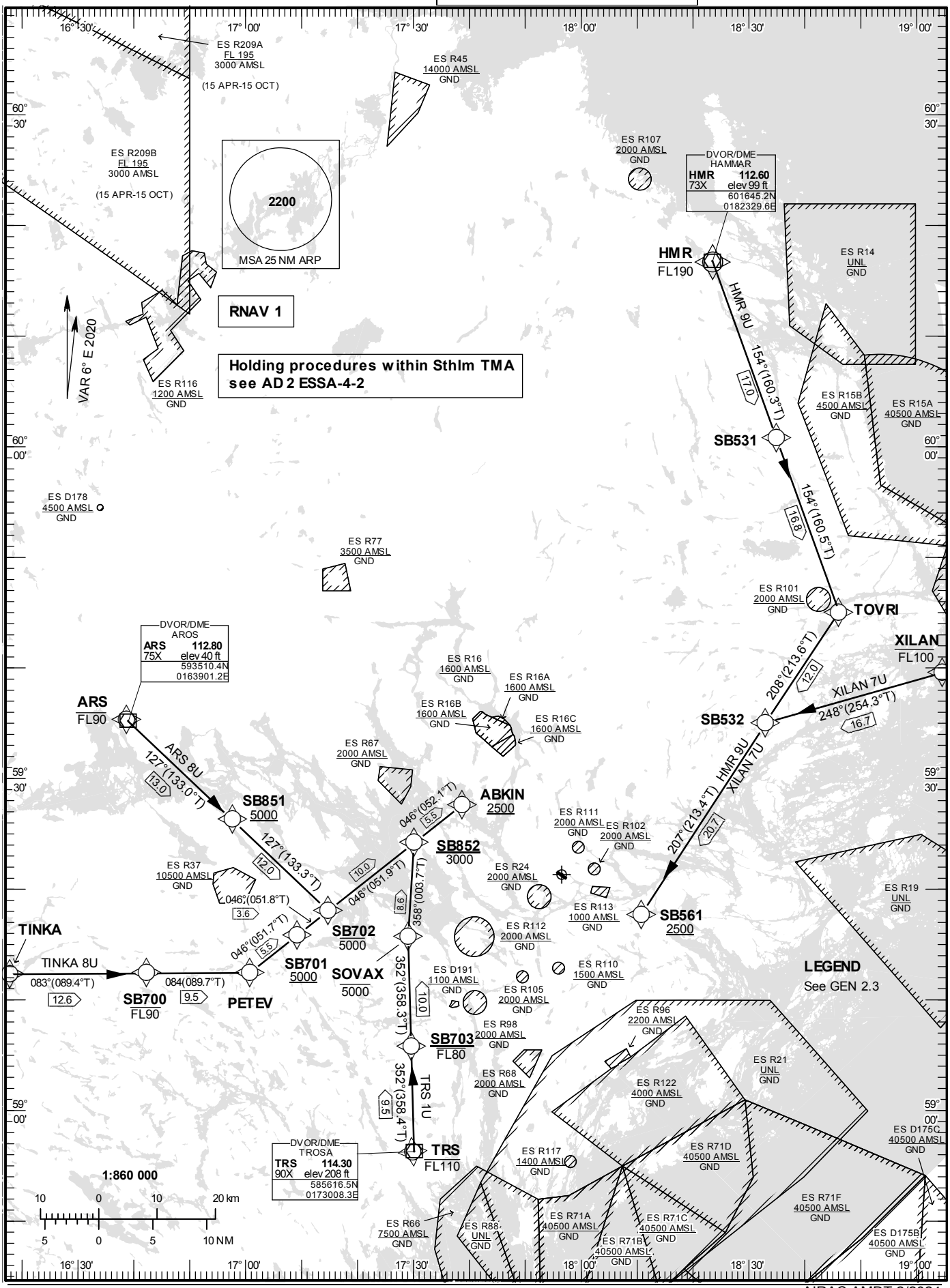
STANDARD INSTRUMENT ARRIVAL CHART (STAR) - ICAO

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

BROMMA TOWER	118.105
BROMMA ATIS	122.455
STOCKHOLM APPROACH	123.755

RNAV (GNSS) STAR RWY 12



Prescribed Coding of RNAV STAR for RWY 12

REMARK

Descent to a minimum altitude for an arrival route must not be initiated until an ATC clearance to this altitude or an approach clearance has been received.

Aircraft to STOCKHOLM/Bromma shall not be operated at an airspeed of more than 250 kt IAS below FL100 unless otherwise instructed.

All RNAV STARs are based on GNSS for position update.

Operators receiving clearance via RNAV STAR and are unable flying RNAV1 shall inform ATC by using phraseology “UNABLE RNAV STAR”. ATC will then provide vectors or issue clearance to a navigation aid.

If the airborne RNAV equipment fails or if the position update is malfunctioning, ATC shall be informed as soon as practicable. ATC will then provide vectors.

ARS 8U

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/R DH (°/ft)	Rec Navaid	Navigation Specification
IF	ARS	-	-	-	-	-FL90	-	-	-	RNAV 1
TF	SB851	-	127°(133.0°)	13.0	-	+5000	-	-	-	RNAV 1
TF	SB702	-	127°(133.3°)	12.0	-	-5000	-	-	-	RNAV 1
TF	SB852	-	046°(051.9°)	10.0	-	-3000	-	-	-	RNAV 1
TF	ABKIN	-	046°(052.1°)	5.5	-	+2500	-	-	-	RNAV 1

STAR instruction: ARS (FL90 or below) – SB851 (5000 ft or above) – SB702 (5000 ft or below) – SB852 (3000 ft or below) – ABKIN (2500 ft or above).

HMR 9U

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/R DH (°/ft)	Rec Navaid	Navigation Specification
IF	HMR	-	-	-	-	-FL190	-	-	-	RNAV 1
TF	SB531	-	154°(160.3°)	17.0	-	-	-	-	-	RNAV 1
TF	TOVRI	-	154°(160.5°)	16.8	-	-	-	-	-	RNAV 1
TF	SB532	-	208°(213.6°)	12.0	-	-	-	-	-	RNAV 1
TF	SB561	-	207°(213.4°)	20.7	-	+2500	-	-	-	RNAV 1

STAR instruction: HMR (FL190 or below) – SB531 – TOVRI – SB532 – SB561 (2500 ft or above).
Expect radar vectors for right hand circuit to LOC SB.

TINKA 8U

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/R DH (°/ft)	Rec Navaid	Navigation Specification
IF	TINKA	-	-	-	-	-	-	-	-	RNAV 1
TF	SB700	-	083°(089.4°)	12.6	-	-FL90	-	-	-	RNAV 1
TF	PETEV	-	084°(089.7°)	9.5	-	-	-	-	-	RNAV 1
TF	SB701	-	046°(051.7°)	5.5	-	+5000	-	-	-	RNAV 1
TF	SB702	-	046°(051.8°)	3.6	-	-5000	-	-	-	RNAV 1
TF	SB852	-	046°(051.9°)	10.0	-	-3000	-	-	-	RNAV 1
TF	ABKIN	-	046°(052.1°)	5.5	-	+2500	-	-	-	RNAV 1

STAR instruction: TINKA – SB700 (FL90 or below) – PETEV – SB701 (5000 ft or above) – SB702 (5000 ft or below) – SB852 (3000 ft or below) – ABKIN (2500 ft or above).

TRS 1U

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/R DH (°/ft)	Rec Navaid	Navigation Specification
IF	TRS	-	-	-	-	-FL110	-	-	-	RNAV 1
TF	SB703	-	352°(358.4°)	9.5	-	-FL80	-	-	-	RNAV 1
TF	SOVAX	-	352°(358.3°)	10.0	-	-5000	-	-	-	RNAV 1
TF	SB852	-	358°(003.7°)	8.6	-	-3000	-	-	-	RNAV 1
TF	ABKIN	-	046°(052.1°)	5.5	-	+2500	-	-	-	RNAV 1

STAR instruction: TRS (FL110 or below) – SB703 (FL80 or below) – SOVAX (5000 ft or below) – SB852 (3000 ft or below) – ABKIN (2500 ft or above).

XILAN 7U

Path Term	Waypoint Identifier	Fly-over	Course °M(°T)	Dist (NM)	Turn Dir	Rest Alts (ft AMSL)	Speed Limits (kt)	VPA/R DH (°/ft)	Rec Navaid	Navigation Specification
IF	XILAN	-	-	-	-	-FL100	-	-	-	RNAV 1
TF	SB532	-	248°(254.3°)	16.7	-	-	-	-	-	RNAV 1
TF	SB561	-	207°(213.4°)	20.7	-	+2500	-	-	-	RNAV 1

STAR instruction: XILAN (FL190 or below) – SB532 – SB561 (2500 ft or above).
Expect radar vectors for right hand circuit to LOC SB.

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