

INSTRUMENT APPROACH CHART - ICAO PLAN VIEW SCALE: 1:500 000

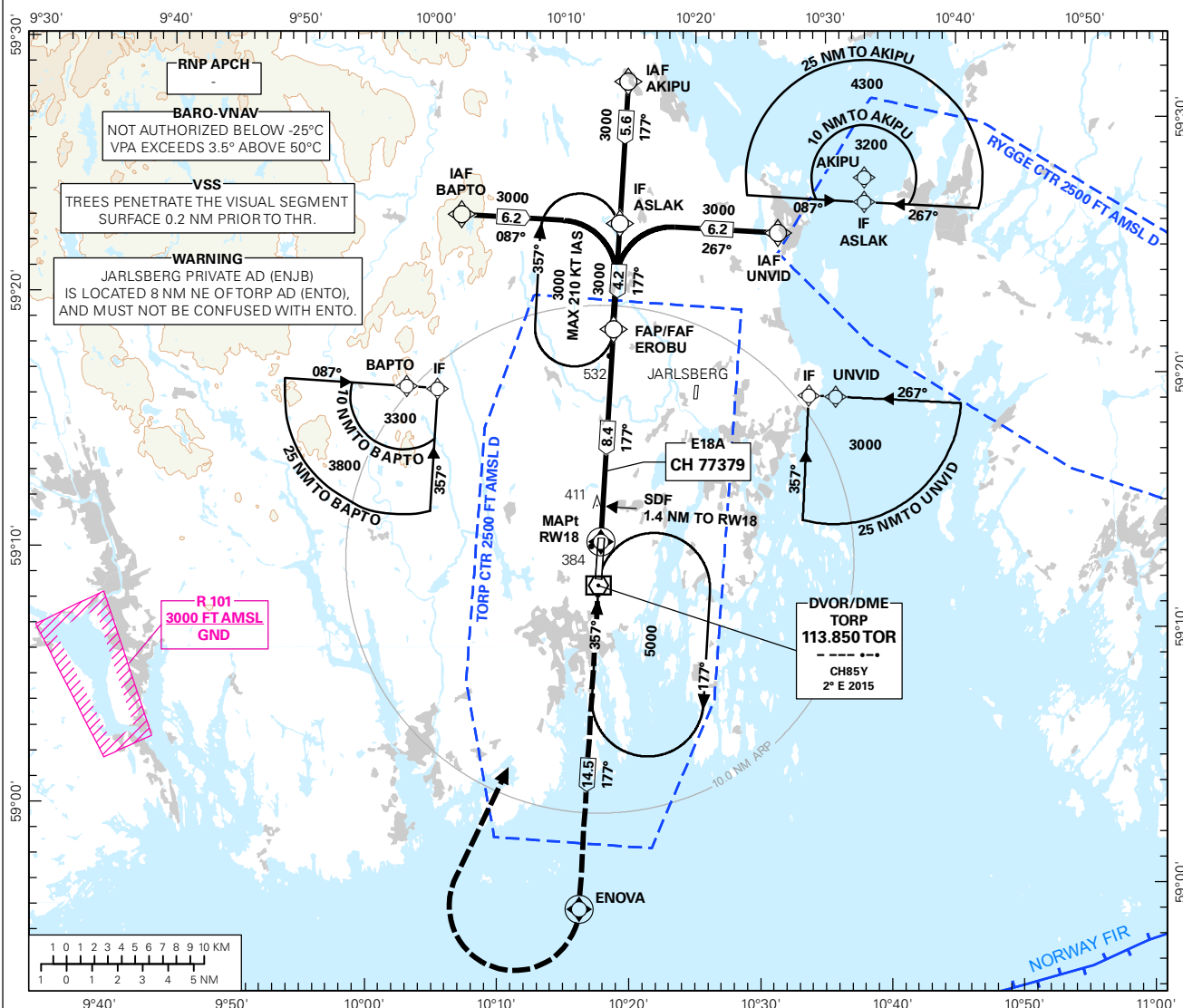
SANDEFJORD

TORP

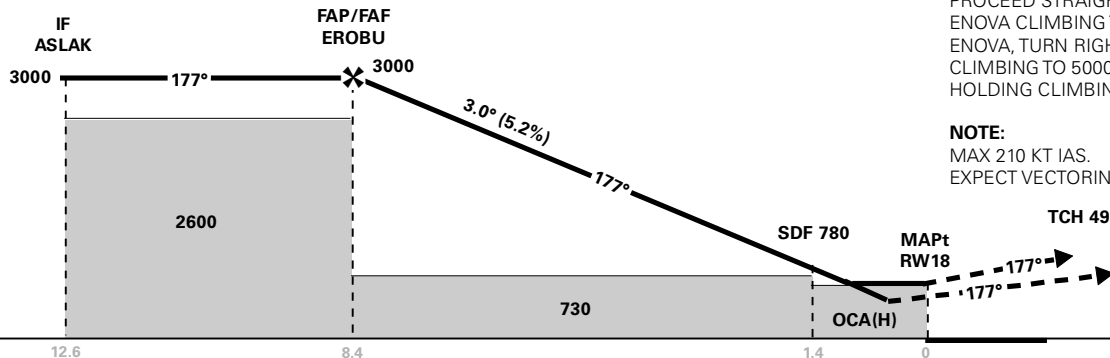
RNAV(GNSS) RWY 18

TRANSITION ALTITUDE
7000

3₉ MSA 25 NM ARP	ATIS: 119.075	AD ELEV: 285		
	APP FARRIS: 134.050 124.350	THR ELEV: 281	DIST IN NM	
	TWR: 118.650	HGT RELATED TO THR RWY 18	ELEV, ALT AND HGT IN F	
	GND: 126.175	CIRCLING HGT RELATED TO AD ELEV		
	VDF: 118.650	BEARINGS ARE MAGNETIC - VAR 2.5 ° E (2015)		



DIST TO RW18	8	7	6	5	4	3	2	1
ALT (HGT)	2880 (2599)	2570 (2289)	2250 (1969)	1930 (1649)	1610 (1329)	1290 (1009)	970 (689)	650 (369)



MISSED APCH:

PROCEED STRAIGHT AHEAD TO ENOVA CLIMBING TO 3000. AFTER ENOVA, TURN RIGHT DCT TOR CLIMBING TO 5000. ENTER TOR HOLDING CLIMBING TO 5000.

NOTE:

MAX 210 KT IAS.
EXPECT VECTORING.

CAT OF ACFT		A	B	C	D	FINAL APCH	DIST FAF - MAPt: 8.4					
OCA(H) STRAIGHT - IN	LPV	520 (239)	530 (249)	540 (259)	550 (269)	SPEED	KT	70	90	120	150	180
	LNAV/VNAV	520 (239)	530 (249)	550 (269)	560 (279)							
	LNAV	630 (349)					TIME	MIN:SEC	07:11	05:36	04:12	03:22
CIRCLING		840 (555)	880 (595)	980 (695)	1000 (715)	ROD	FT/MIN	370	480	640	795	955

NOTE:

CHANGES: INITIAL APPROACH SEGMENTS.

Avinor

26 MAY 2016

RECOMMENDED RNAV PROCEDURE CODING

ENTO RNAV(GNSS) RWY 18										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	MAG VAR	DIST (NM)	Turn Dir	ALT (FT)	Speed (KT)	VPA/TCH
010	IF	AKIPU	-	-	-	-	-	A3000+	-	-
020	TF	ASLAK	-	177 (179.3)	-	5.6	-	A3000+	-	-
010	IF	BAPTO	-	-	-	-	-	A3000+	-	-
020	TF	ASLAK	-	087 (089.1)	-	6.2	-	A3000+	-	-
010	IF	UNVID	-	-	-	-	-	A3000+	-	-
020	TF	ASLAK	-	267 (269.5)	-	6.2	-	A3000+	-	-
010	IF	ASLAK	-	-	-	-	-	A3000+	K220-	-
020	TF	EROBU	-	177 (179.3)	-	4.2	-	A3000+	-	-
030	TF	RW18	Y	177 (179.3)	-	8.4	-	A331+	-	-3.0/15
040	TF	ENOVA	Y	177 (179.3)	-	14.5	-	A3000-	K210-	-
050	DF	TOR	-	-	-	-	R	A5000	K210-	-
060	HM	TOR	-	357 (359.3)	-	1 MIN	R	A5000+	K230-	-

Note: Recommended RNAV procedure coding is based on ARINC 424-15 and is provided solely to indicate which procedure design protection areas were used in the Instrument Flight Procedure Design process.

Note: Published OCA(H) values are obstacle clearance values. Decision heights (DH) below 250 FT shall not be used due to APV approach operation Type A limitations.

Note: The use of SBAS/GNSS geometric altitude as a source of altitude for approaches to LNAV/VNAV minima is permitted only for aircraft specifically certified for this type of operation. See "EASA-CM-AS-002 Clarifications to AMC 20-27" for additional information.

Note: EROBU holding not included in standard APCH transitions.

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	125.6
SBAS Provider	1	FPAP latitude	591023.8320N
Airport Identifier	ENTO	FPAP longitude	0101532.1570E
Runway	RW18	Threshold crossing height	15
Approach performance designator	0	TCH units	M
Route Indicator	-	Glide path angle	3.0
Reference path data selector	0	Course width at threshold	105
Reference path Identifier	E18A	Length offset	0
LTP/FTP latitude	591151.7030N	Horizontal alert limit (HAL)	40
LTP/FTP longitude	0101530.1325E	Vertical alert limit (VAL)	50
PRECISION APPROACH PATH CRC REMAINDER			20545C8D

NON FAS DATA BLOCK FIELDS

LTP Ortometric Height	85.7
FPAP Ortometric Height	85.7