

GENERAL**Operational Hours**

ATS Hours: AFIS H24

Airport Information

RFF: CAT 4, CAT 7 for airliners, charter FLT's and by PN.

PCN: RWY 10/28: 58/F/B/X/T

Operation**Requirements for Operators**

Special aircrew qualification required.

ACFT operator shall stipulate special limitations with regard to surface wind.

ACFT operator shall stipulate special requirements with regard to RWY status.

Low Visibility Procedures

LVP in use when VIS below 800m.

No TFC allowed when VIS below 550m.

If HLDG PSN markings are no longer visible or have reduced effect, only one movement on the maneuvering area is allowed at a time.

TWY Restriction

TWY A width 14m / 46ft.

Warnings

Wind shear may occur on short final RWY 10 and 28. Wind 160°-270° above 20KT.

Moderate and severe TURB may also occur below FL100 when same wind CONDS.

Due to MET conditions RWY surface may be partly uneven.

ARRIVAL**Speed**

MAX IAS 250KT below FL100.

DEPARTURE**Take-off Minima**

RWY		10/28	
All ACFT	ft - m/km	0 - 550v	-

Speed

MAX IAS 250KT below FL100.

Communication**COM Failure**

Maintain last assigned LVL for 2min then climb to CPL cruising LVL. ACFT under vectoring shall proceed in the most direct manner possible to rejoin the CPL route no later than the next significant point, climbing to the CPL cruising LVL taking into consideration the applicable MNM flight ALT.

During omnidirectional DEP

Climb on track 278° to 3000ft, then proceed in the most direct manner possible to join CPL route, climbing to CPL cruising LVL. ACFT under vectoring shall, proceed the most direct route to join CPL route, climbing to CPL cruising LVL.

LYR-ENSB

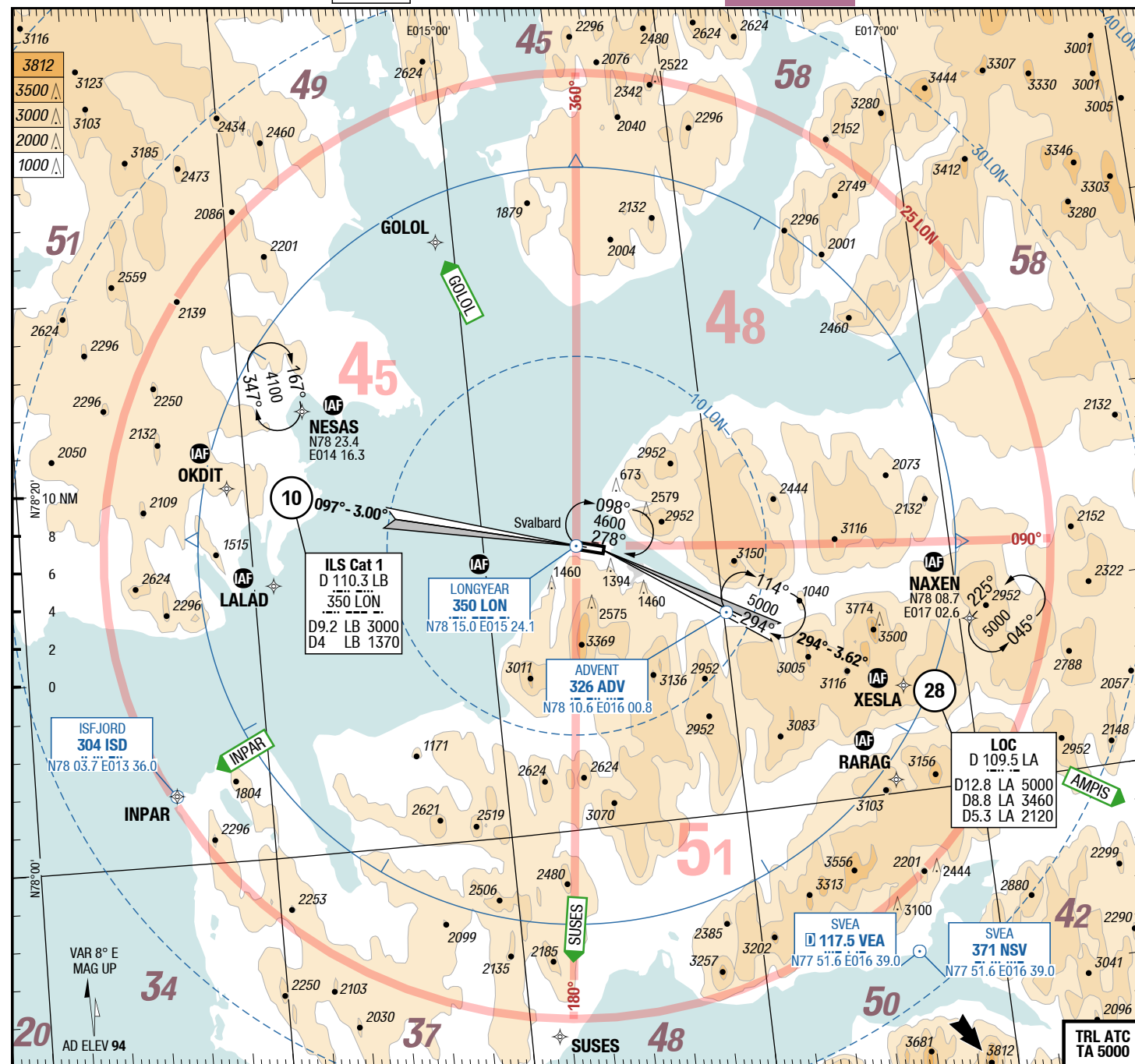
AFC

AFC

AFC

AFC

2-10



118.100
119.850

Landing RWY system:

10

HL-SF

60 HL
60 HL

3.4°
-0.1% TDZ ---% **79 / 3hPa** 420 HL-SF

28

TRL ATC
TA 5000

Changes: PROC, WPT , OBST, HLDG, APCH boxes

Effective 03-MAR-2016

25-FEB-2016

LYR-ENSB

Norway Svalbard Longyear

AGC

AGC

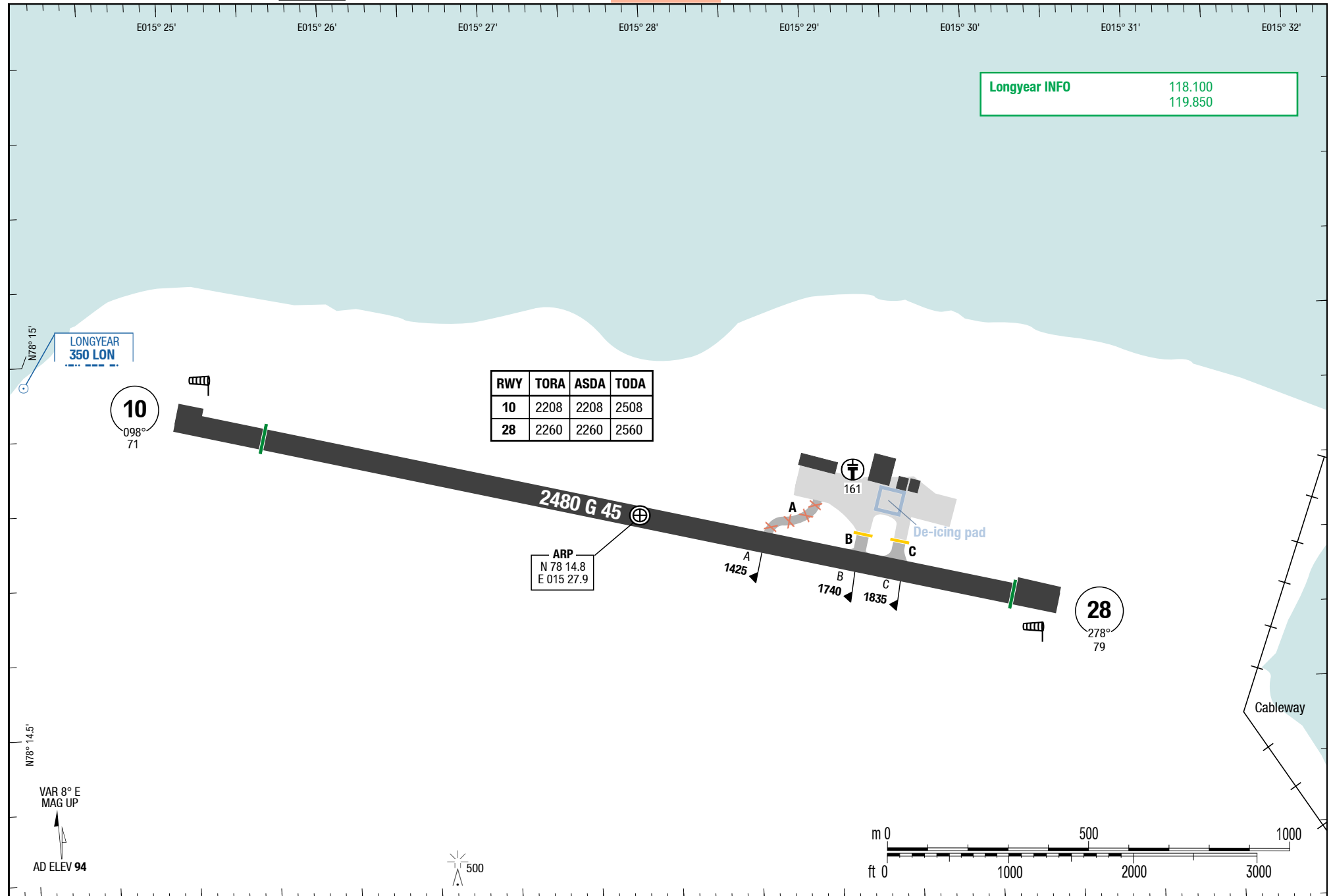
AGC

Longyear Svalbard Norway

AGC

3-20

Longyear INFO
118.100
119.850



Changes: TWY , TKOF INT

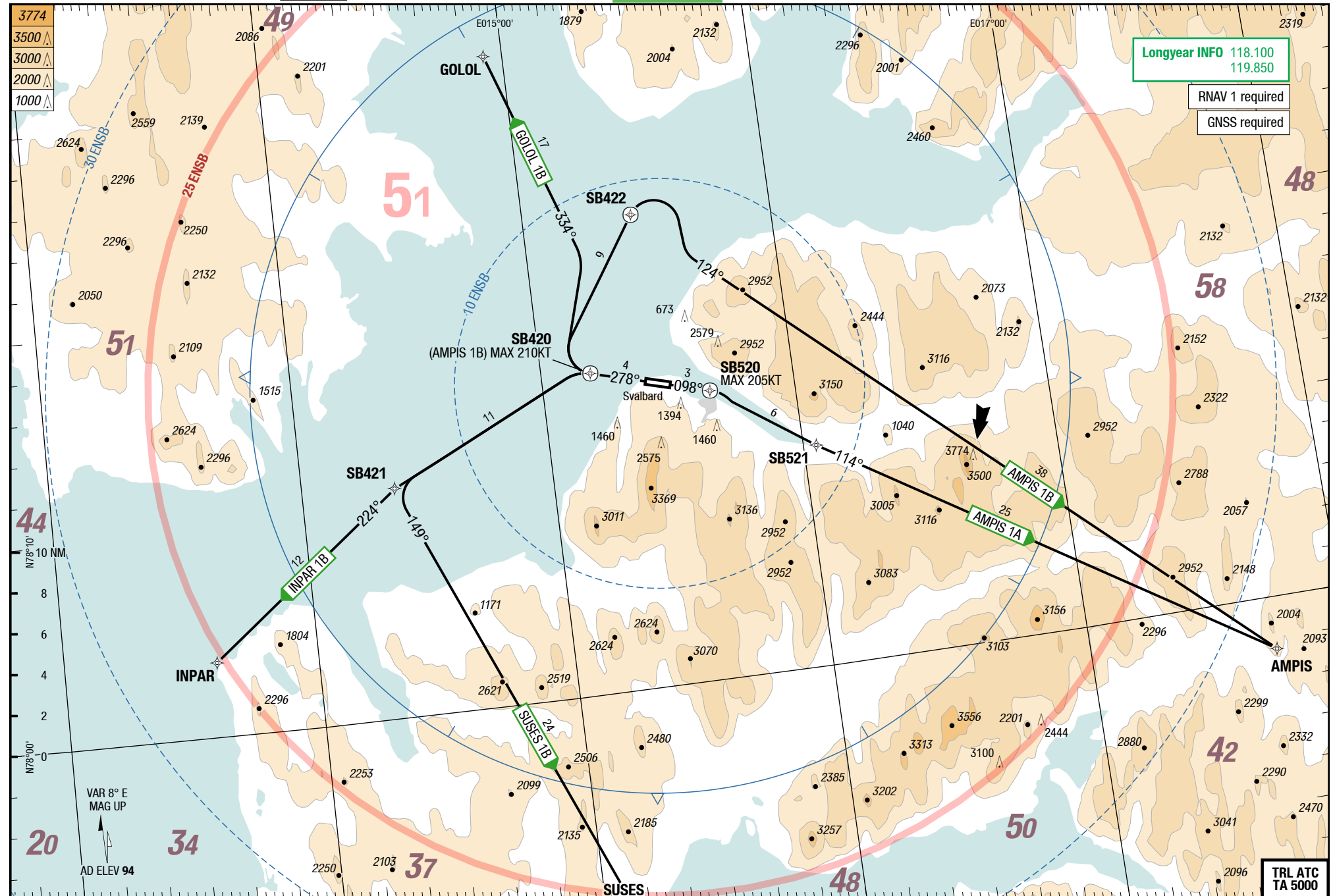
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RNAV SIDs

SID

SID

RNAV SIDs



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5-10

RNAV SIDs

SIDPT

AMPIS 1A / AMPIS 1B / GOLOL 1B / INPAR 1B / SUSES 1B

RWYs 10 (098°) / 28 (278°)

When instructed, contact Longyear INFO.

	GS	120	150	180	210	240	270
3.4%	ft/MIN	500	600	700	800	900	1000
5.3%	ft/MIN	700	900	1000	1200	1300	1500
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 10	
AMPIS 1A 6.1% to 3600 118.100 ①②	at SB520 RT (MAX 205KT) direct SB521 - AMPIS	initial climb 5500
	Runway 28	
AMPIS 1B 5.3% to 3900 118.100 ②③④	at SB420 RT (MAX 210KT) direct SB422 - RT to AMPIS	initial climb 5500
GOLOL 1B 118.100 ③④	SB420 - 334° to GOLOL	initial climb 5500
INPAR 1B 118.100 ③④	at SB420 LT direct SB421 - INPAR	initial climb 5500
SUSES 1B 3.4% to 3600 118.100 ②③④	at SB420 LT direct SB421 - LT to SUSES	initial climb 5100

- ① Vessels higher than 54m AMSL crossing the departure area.
 ② If unable to comply with climb gradient, inform ATC.
 ③ Vessels higher than 51m AMSL crossing the departure area.
 ④ Non-RNAV 1 ACFT: at first contact state "Unable RNAV 1". OMNIDIRECTIONAL DEP available.

Obstacle Departure	
RWY	Routing
OMNI 2B	278° - expect further clearance from ATC. MNM turning ALT 3000 initial climb 5500
RWY	Notes
28	1. Departing IFR FLTs,contact Longyear INFO. 2. When being vectored or cleared for DCT routing, climb gradient still applies. 3. Close-in obstacles: Vessels higher than 51m AMSL crossing the departure area.

Effective 03-MAR-2016

25-FEB-2016

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Norway Svalbard Longyear

LOC 28

IAC

IAC

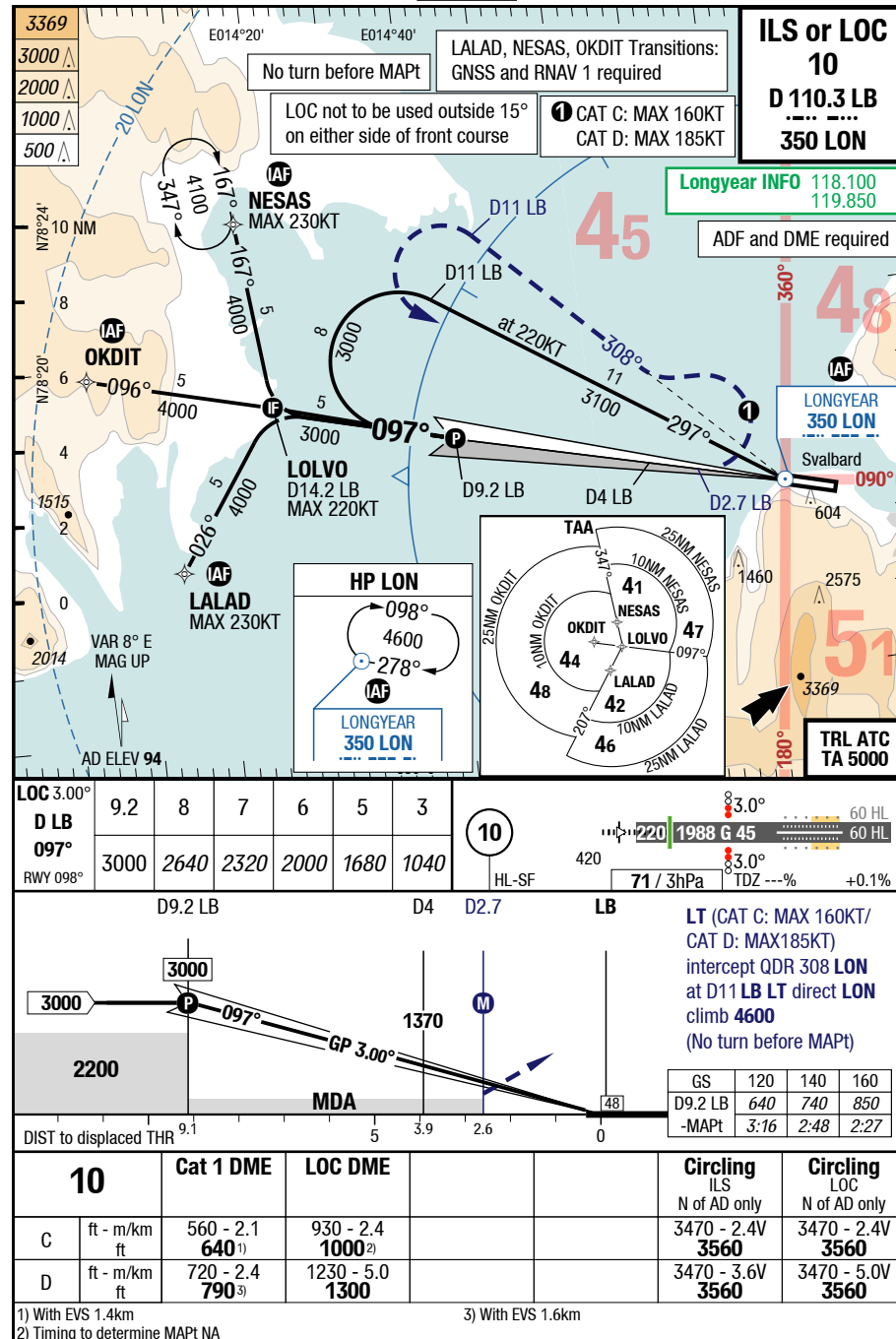
Longyear Svalbard Norway

LOC 28

ILS or LOC 10

7-10

ILS or LOC 10



Changes: Completely revised

Effective 03-MAR-2016

25-FEB-2016

LYR-ENSB

Norway Svalbard Longyear

IAC

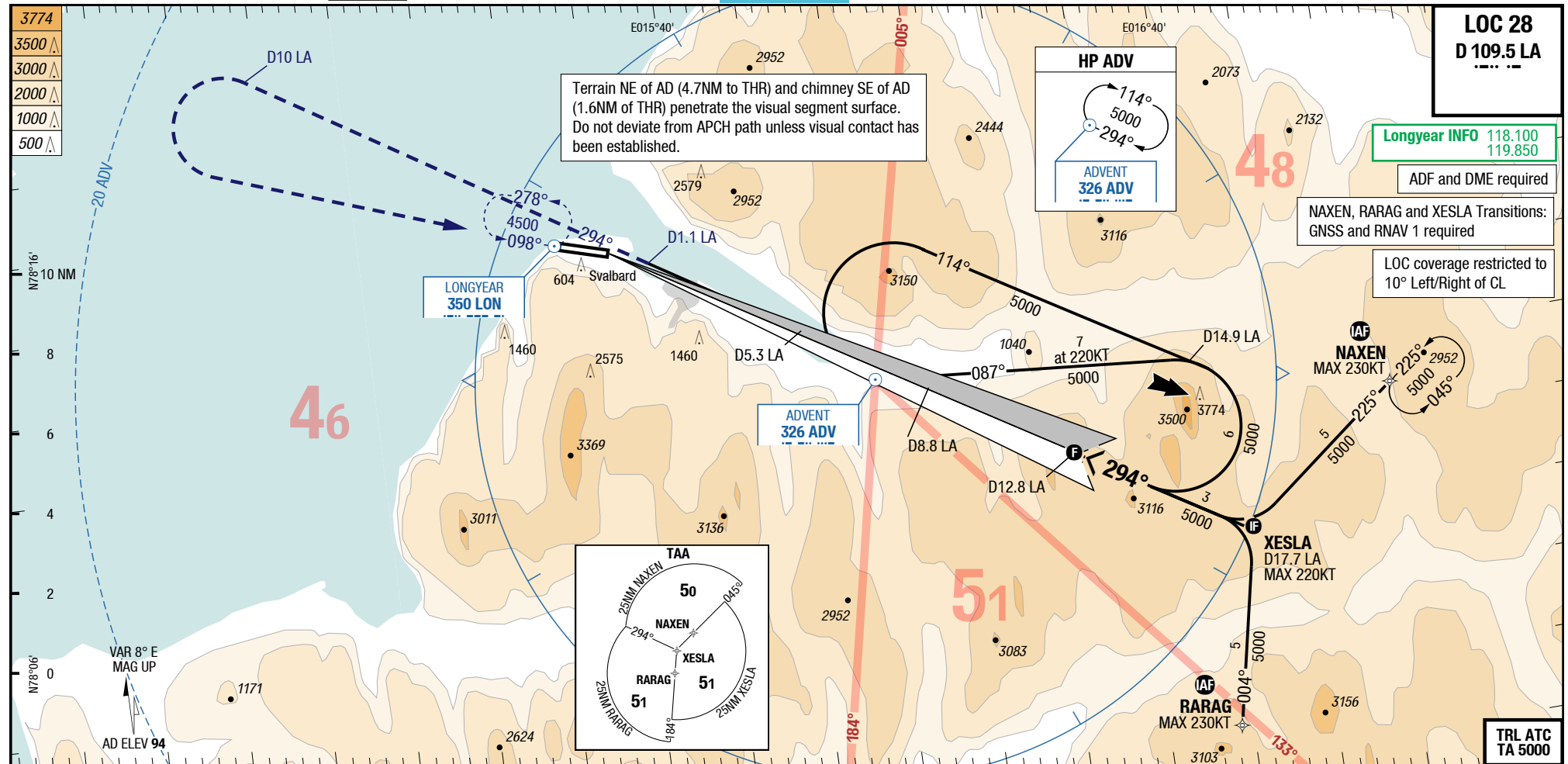
IAC

Longyear Svalbard Norway

LOC 28

LOC 28

7-20



28						LOC DME	LOC DME	LOC DME			Circling
						GA 4.0%	GA 3.0%	GA 2.5%			N of AD only
C	ft - m/km	440 - 1.6	1100 - 4.4	1240 - 5.0							3470 - 5.0V
		510	1170	1310							3560
D	ft - m/km	440 - 1.6	1100 - 4.4	1240 - 5.0							3470 - 5.0V
		510	1170	1310							3560

60 HL

60 HL

3.4°

45 G 2138

122

3.4°

TDZ ---%

79 / 3hPa

420

HL-SF

28

2

3

4

6

7

12.8

860

1250

1630

2400

2780

5000

3.62°

D LA

294°

RWY 278°

1

OBST BLW MDA

LA D1.1

D5.3

D8.8

D12.8 LA

294°

at D10 LA LT direct LON

climb 4500

GS	120	140	160
D12.8 LA	770	900	1030
-MAPt	5:51	5:01	4:23

0

1

5.2

8.7

10

DIST to displaced THR

2120

3460

294°

5000

5000

3420

4300

1310

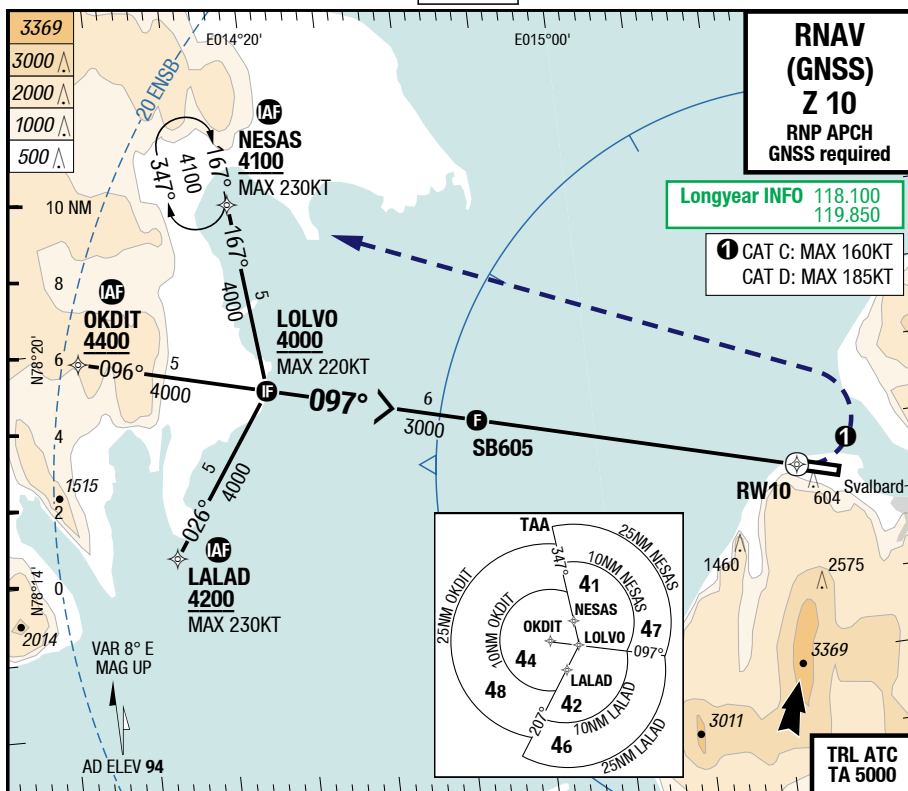
1 MDA

M

LYR-ENSB

7-30

RNAV (GNSS) Z 10



10		RNAV GNSS VNAV GA 5.0% ^{1) 2)}	RNAV GNSS VNAV GA 4.0% ^{1) 2)}	RNAV GNSS VNAV GA 2.5% ^{1) 2)}	RNAV GNSS LNAV GA 5.0%	RNAV GNSS LNAV GA 4.0%	Circling N of AD only
C	ft - m/km ft	1120 - 2.4 1190	1310 - 2.4 1380	1700 - 2.4 1770	2060 - 5.0 2130	2250 - 5.0 2320	3470 - 5.0V 3560
D	ft - m/km ft	1230 - 2.4 1300	1470 - 2.4 1540	1940 - 2.4 2010	2310 - 5.0 2380	2500 - 5.0 2570	3470 - 5.0V 3560

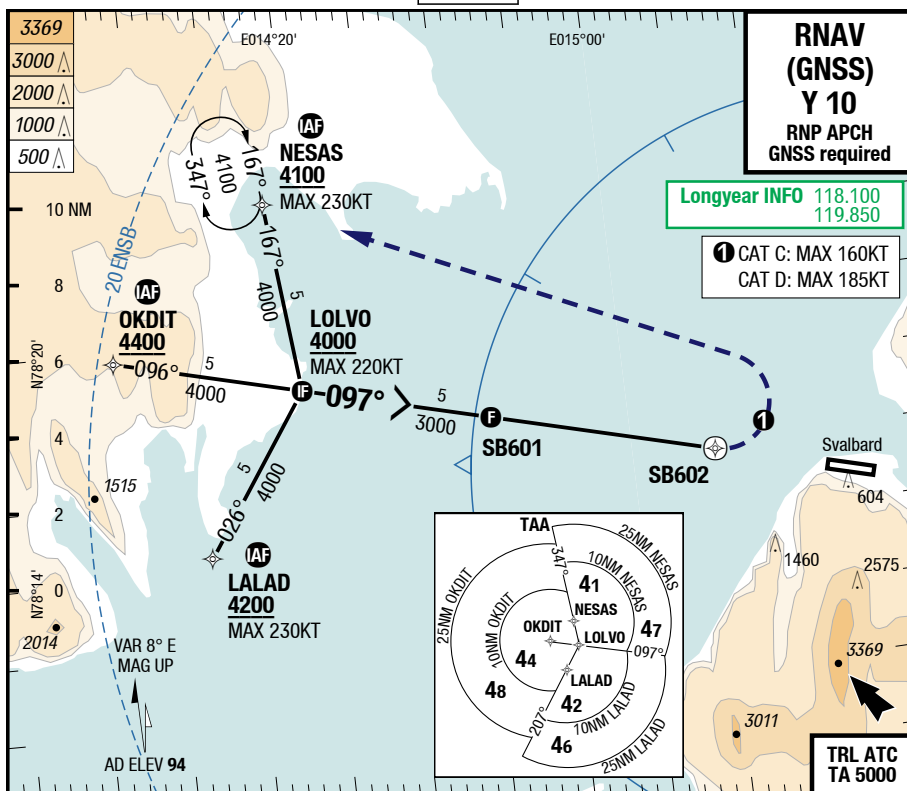
1) Uncompensated BARO VNAV NA below -35°C (-31°F)
2) With EVS 1.6km

Changes: new

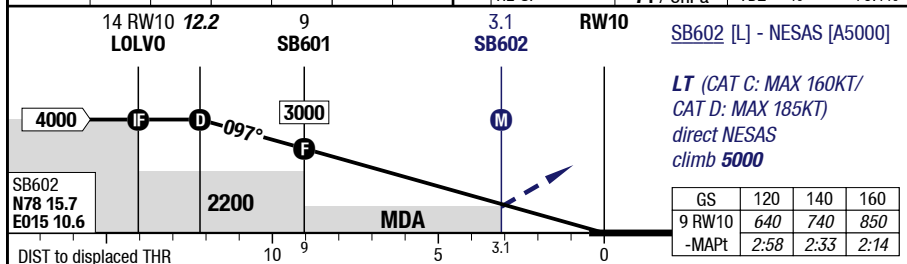
LYR-ENSB

7-40

RNAV (GNSS) Y 10



3.00°	12.2	10	7	6	5	4	10	3.0°	60 HL	60 HL
RW10							HL-SF	220	1988 G 45	
097°								420	71 / 3hPa	TDZ ---%
RWY 098°	4000	3310	2350	2040	1720	1400				+0.1%



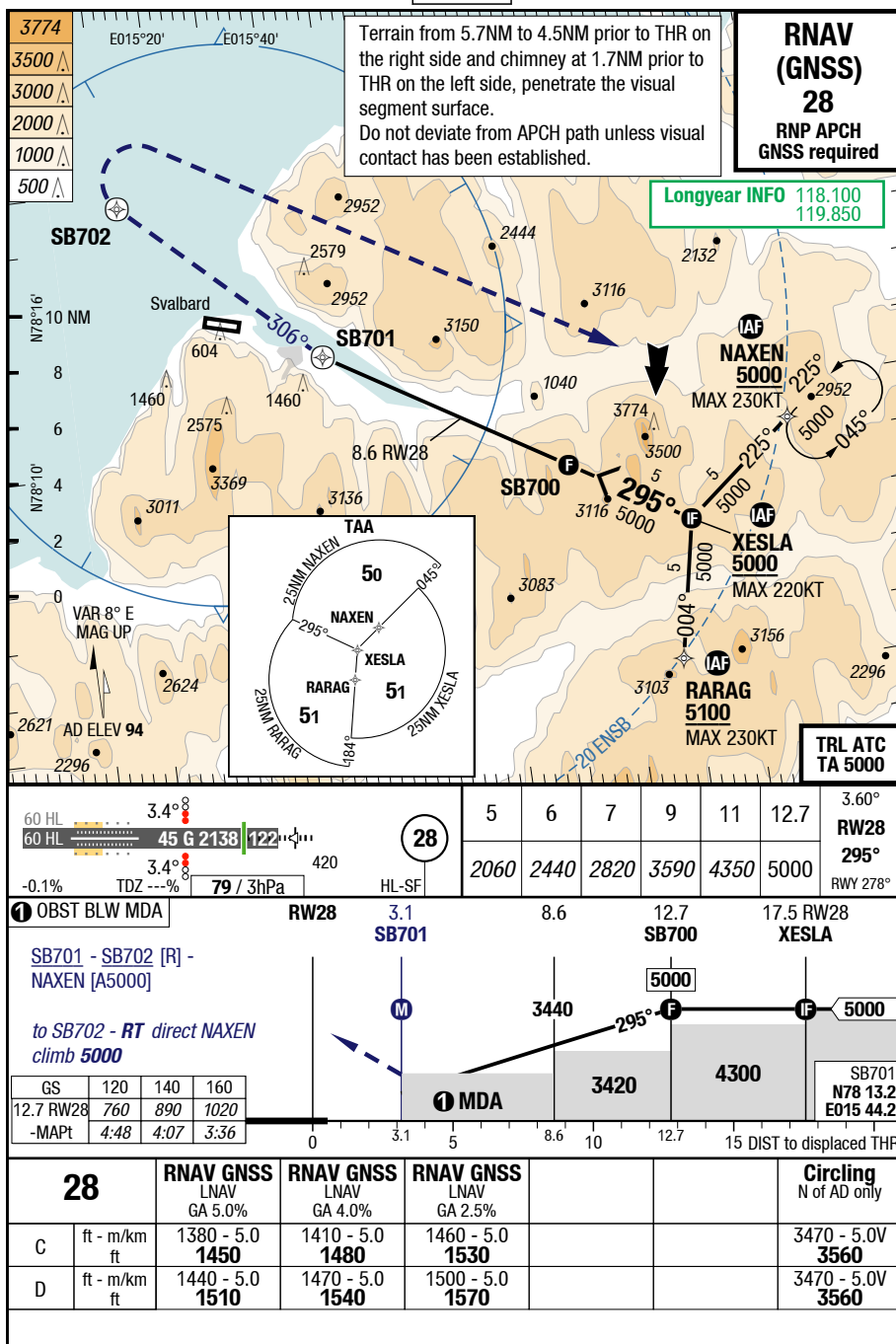
10		RNAV GNSS LNAV GA 5.0% ¹⁾	RNAV GNSS LNAV GA 4.0% ¹⁾	RNAV GNSS LNAV GA 3.0%	RNAV GNSS LNAV GA 2.5%	Circling N of AD only
C	ft - m/km ft	1040 - 2.4 1110	1090 - 2.4 1160	1190 - 2.4 1260 ¹⁾	1240 - 5.0 1310	3470 - 5.0V 3560
D	ft - m/km ft	1080 - 2.4 1150	1160 - 2.4 1230	1250 - 5.0 1320	1300 - 5.0 1370	3470 - 5.0V 3560

1) Timing to determine MAPt NA

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7-50

RNAV (GNSS) 28



Changes: new

LYR-ENSB

7-70

WxMinima Overflow

10		RNAV GNSS LNAV GA 2.5%					
C	ft - m/km ft	2540 - 5.0 2610					
D	ft - m/km ft	2790 - 5.0 2860					