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Trip Kit Index

Airport Information For ENVA

Terminal Charts For ENVA

Revision Letter For Cycle 26-2012

Change Notices

Notebook

General Information

Location: Trondheim Nor
IATA Code: TRD
Lat/Long: N63° 27.4' E010° 55.4'
Elevation: 56 ft

Airport Use: Joint
Magnetic Variation: 2.4°E

Fuel Types: 100 Octane (LL), Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No
Pattern Altitude: 945 ft AGL

Sunrise: 0850 Z
Sunset: 1356 Z,

Runway Information

Runway: 09
Length x Width: 9839 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 17 ft
Lighting: Edge, ALS, Centerline
Displaced Threshold: 830 ft

Runway: 27
Length x Width: 9839 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 56 ft
Lighting: Edge, ALS, Centerline
Displaced Threshold: 755 ft

Communication Information

ATIS 127.55
Vaernes Tower 133.75
Vaernes Tower 119.4
Vaernes Tower 27.892 Military
Vaernes Ground Control 121.6
Vaernes De-Icing Ramp/Taxi Control 131.75
Vaernes Director Approach Control 119.15

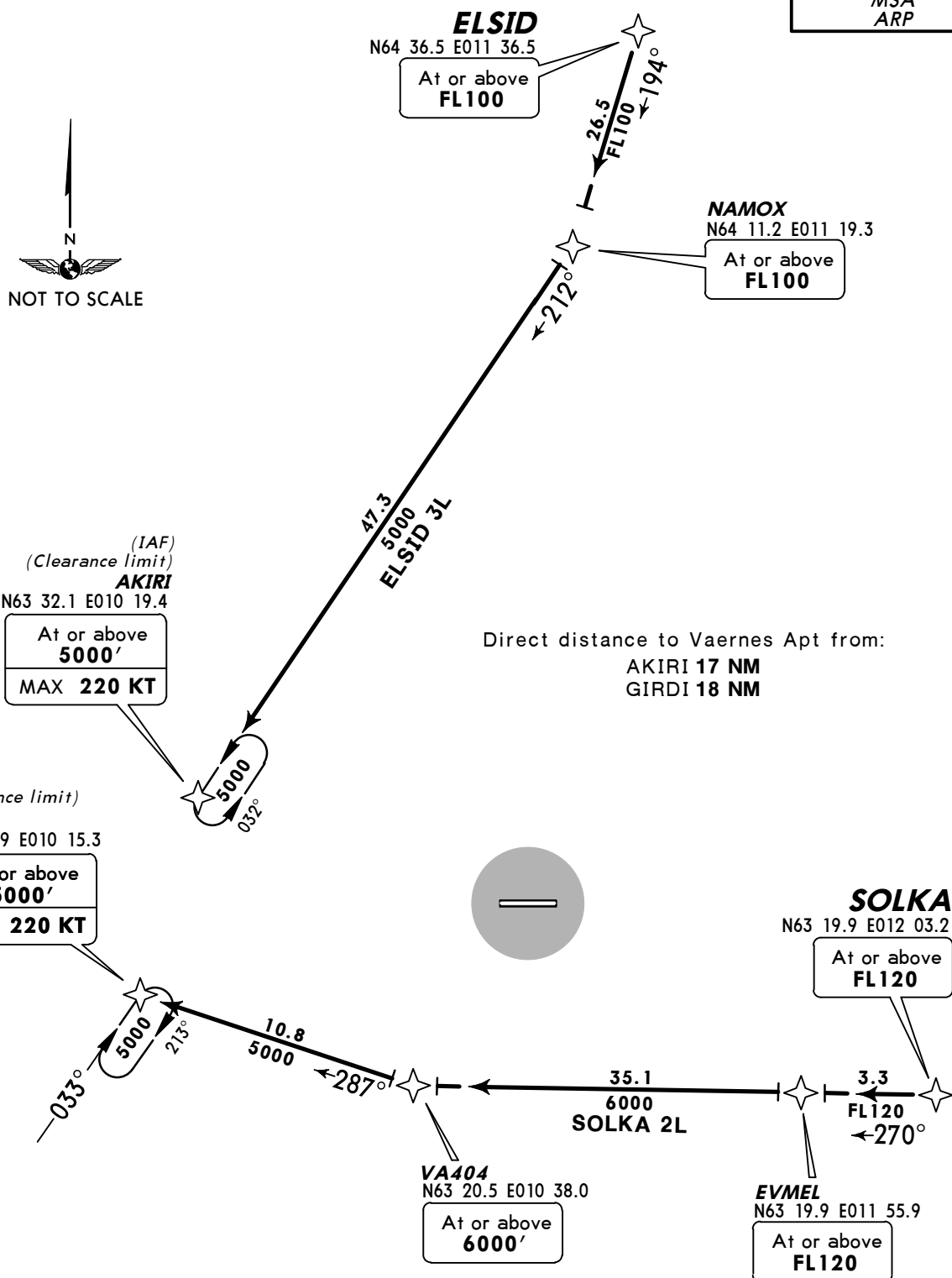
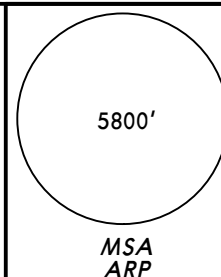
Vaernes Approach Control 118.6
Vaernes Approach Control 37.522 Military
Vaernes Approach Control 24.05 Military

ATIS
127.55Apt Elev
56'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'

1. P-RNAV approval required.
2. RADAR service shall be available.
3. Request RADAR vectoring in case of loss of RNAV capability.
4. Descent as cleared by ATC.

**ELSID THREE LIMA (ELSID 3L) [ELSI3L]
SOLKA TWO LIMA (SOLKA 2L) [SOLK2L]
RWY 09 P-RNAV ARRIVALS**
P-RNAV (GNSS EXCEPT CLASS A GNSS)



STAR

ROUTING

ELSID 3L

ELSID (FL100+) - NAMOX (FL100+) - AKIRI (5000'+; K220-).

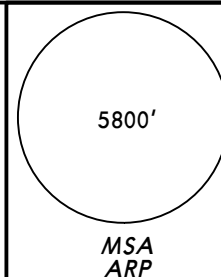
ATIS
127.55

Apt Elev
56'

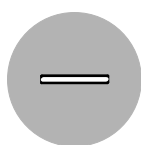
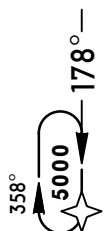
Alt Set: hPa Trans level: By ATC Trans alt: 7000'

1. P-RNAV approval required.
2. RADAR service shall be available.
3. Request RADAR vectoring in case of loss of RNAV capability.
4. Descent as cleared by ATC.

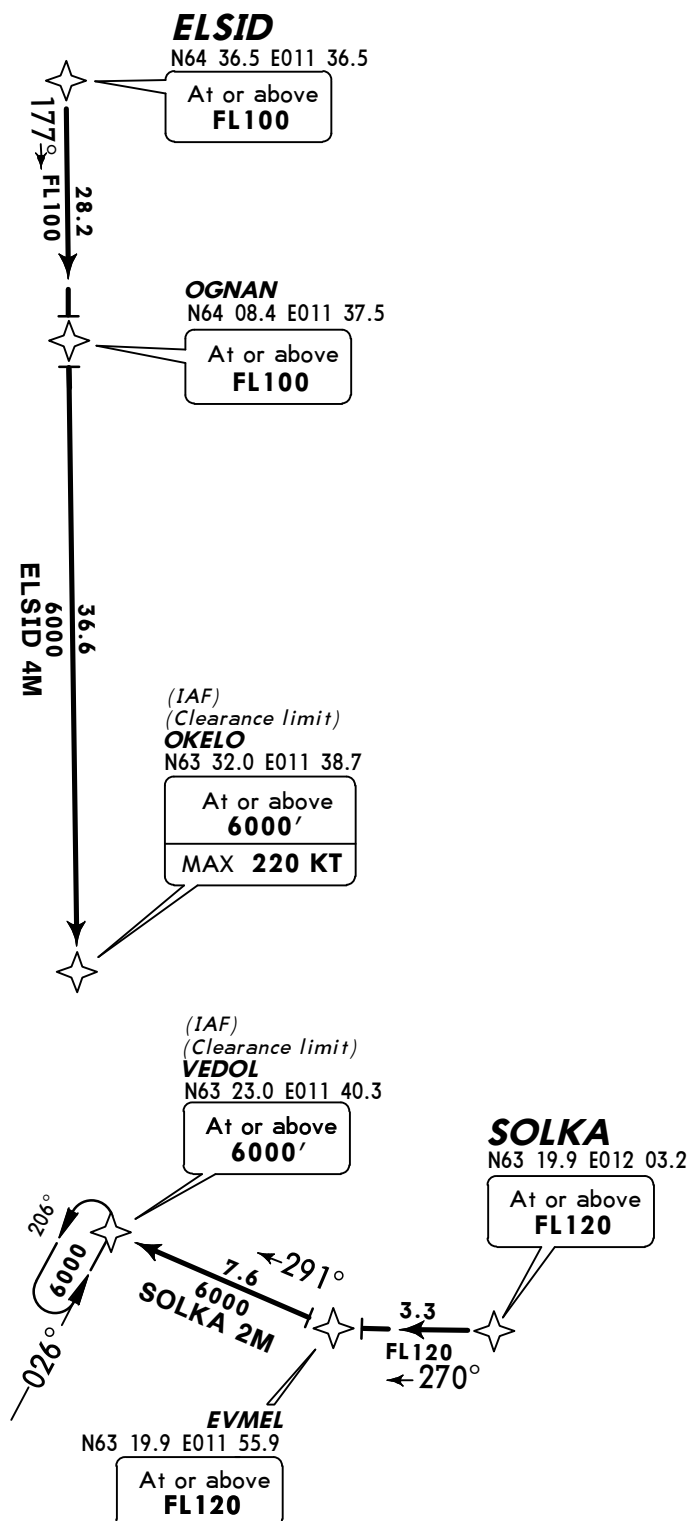
**ELSID FOUR MIKE (ELSID 4M) [ELSI4M]
SOLKA TWO MIKE (SOLKA 2M) [SOLK2M]
RWY 27 P-RNAV ARRIVALS
P-RNAV (GNSS EXCEPT CLASS A GNSS)**



**HOLDING OVER
OKELO**



Direct distance to Vaernes Apt from:
OKELO 20 NM
VEDOL 21 NM



STAR

ROUTING

ELSID 4M

ELSID (FL100+) - OGNAN (FL100+) - OKELO (6000'+; K220-).

ATIS
127.55Apt Elev
56'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'

1. P-RNAV approval required.
2. RADAR service shall be available.
3. Request RADAR vectoring in case of loss of RNAV capability.
4. Descent as cleared by ATC.

RAMBU FOUR LIMA (RBU 4L)
TOLGA THREE LIMA (TGA 3L)
RWY 09 P-RNAV ARRIVALS
P-RNAV (GNSS EXCEPT CLASS A GNSS)

5800'

MSA
ARP

(IAF)
(Clearance limit)
GIRDI
N63 23.9 E010 15.3

At or above
5000'
MAX 220 KT

Direct distance from GIRDI
to: Vaernes Apt 18 NM

VA511
N63 05.6 E010 22.6

At or above
6000'

SOTAR
N63 00.0 E010 24.9

At or above
FL120

VA515
N63 07.0 E010 32.5

At or above
6000'

GOROM
N63 00.0 E010 39.6

At or above
FL120

UGBUG
N62 40.0 E011 16.1

At or above
FL120

RAMBU
401 RBU
N62 30.4 E011 33.4

At or above
FL120



TOLGA
D(H) 117.4 TGA
N62 27.7 E010 52.7
At or above
FL120

STAR

RBU 4L

ROUTING

RBU (FL120+) - UGBUG (FL120+) - GOROM (FL120+) - VA515 (6000'+) - GIRDI (5000'+; K220-).

ATIS
127.55Apt Elev
56'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'

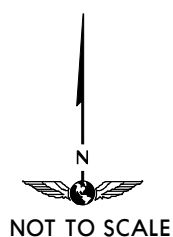
1. P-RNAV approval required.
2. RADAR service shall be available.
3. Request RADAR vectoring in case of loss of RNAV capability.
4. Descent as cleared by ATC.

RAMBU FOUR MIKE (RBU 4M)
TOLGA FOUR MIKE (TGA 4M)
RWY 27 P-RNAV ARRIVALS
P-RNAV (GNSS EXCEPT CLASS A GNSS)

5800'

MSA
ARP

Direct distance from VEDOR
to: Vaernes Apt **21 NM**



TOLGA
D 117.4 TGA
(H) ---
N62 27.7 E010 52.7
At or above
FL140

TOSGO
N63 00.0 E011 25.3
At or above
FL120

(IAF)
(Clearance limit)
VEDOL
N63 23.0 E011 40.3
At or above
6000'

EXANA
N63 00.0 E011 38.4
At or above
FL120

RAMBU
401 RBU

N62 30.4 E011 33.4
At or above
FL120

STAR

ROUTING

RBU 4M

RBU (FL120+) - EXANA (FL120+) - VEDOL (6000'+).

ATIS
127.55Apt Elev
56'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'

1. P-RNAV approval required.
2. RADAR service shall be available.
3. Request RADAR vectoring in case of loss of RNAV capability.
4. Descent as cleared by ATC.

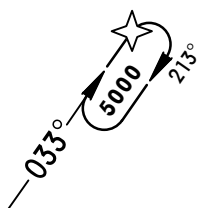
AGNON THREE LIMA (AGNON 3L) [AGNO3L]

LASAG THREE LIMA (LASAG 3L) [LASA3L]

RWY 09 P-RNAV ARRIVALS

P-RNAV (GNSS EXCEPT CLASS A GNSS)

5800'

MSA
ARPHOLDING OVER
GIRDI(IAF)
(Clearance limit)
GIRDI
N63 23.9 E010 15.3At or above
5000'MAX **220 KT**Direct distance from GIRDI
to: Vaernes Apt **18 NM****GALSO**
N63 13.1 E009 54.0At or above
7000'**VA521**
N63 02.6 E009 40.7At or above
FL120**VA522**
N63 00.6 E010 01.9At or above
FL120**VA523**
N62 58.3 E010 03.3At or above
FL140**LASAG**
N62 40.3 E009 13.0At or above
FL140**AGNON**
N62 35.3 E010 17.4At or above
FL140

STAR

ROUTING

AGNON 3L

AGNON (FL140+) - VA523 (FL140+) - VA522 (FL120+) - GALSO (7000'+) - GIRDI (5000'+; K220-).

ATIS
127.55Apt Elev
56'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'

1. P-RNAV approval required.
2. RADAR service shall be available.
3. Request RADAR vectoring in case of loss of RNAV capability.
4. Descent as cleared by ATC.

AGNON FOUR MIKE (AGNON 4M) [AGNO4M]

LASAG FOUR MIKE (LASAG 4M) [LASA4M]

RWY 27 P-RNAV ARRIVALS

P-RNAV (GNSS EXCEPT CLASS A GNSS)

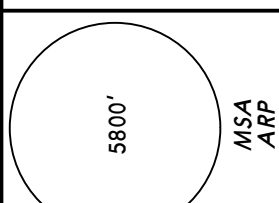
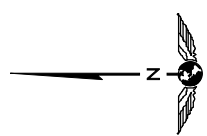
Direct distance from VEDOR
to: Vaernes Apt 21 NMMHA 6000
35.9
026°
206°
(IAF)
VEDOL
(Clearance limit)
N63 23.0 E011 40.3

At or above 6000'	MAX 220 KT
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STAR	ROUTING
AGNON 4M	AGNON (FL140+) - GOROM (FL140+) - VEDOL (6000'+; K220-).
LASAG 4M	LASAG (FL140+) - GOROM (FL140+) - VEDOL (6000'+; K220-).

GOROM
N63 00.0 E010 39.6
At or above
FL140AGNON 4M
FL140
26.8
020°AGNON
N62 35.3 E010 17.4
At or above
FL140LASAG
N62 40.3 E009 13.0
At or above
FL140LASAG 4M
FL140
14.3

109°

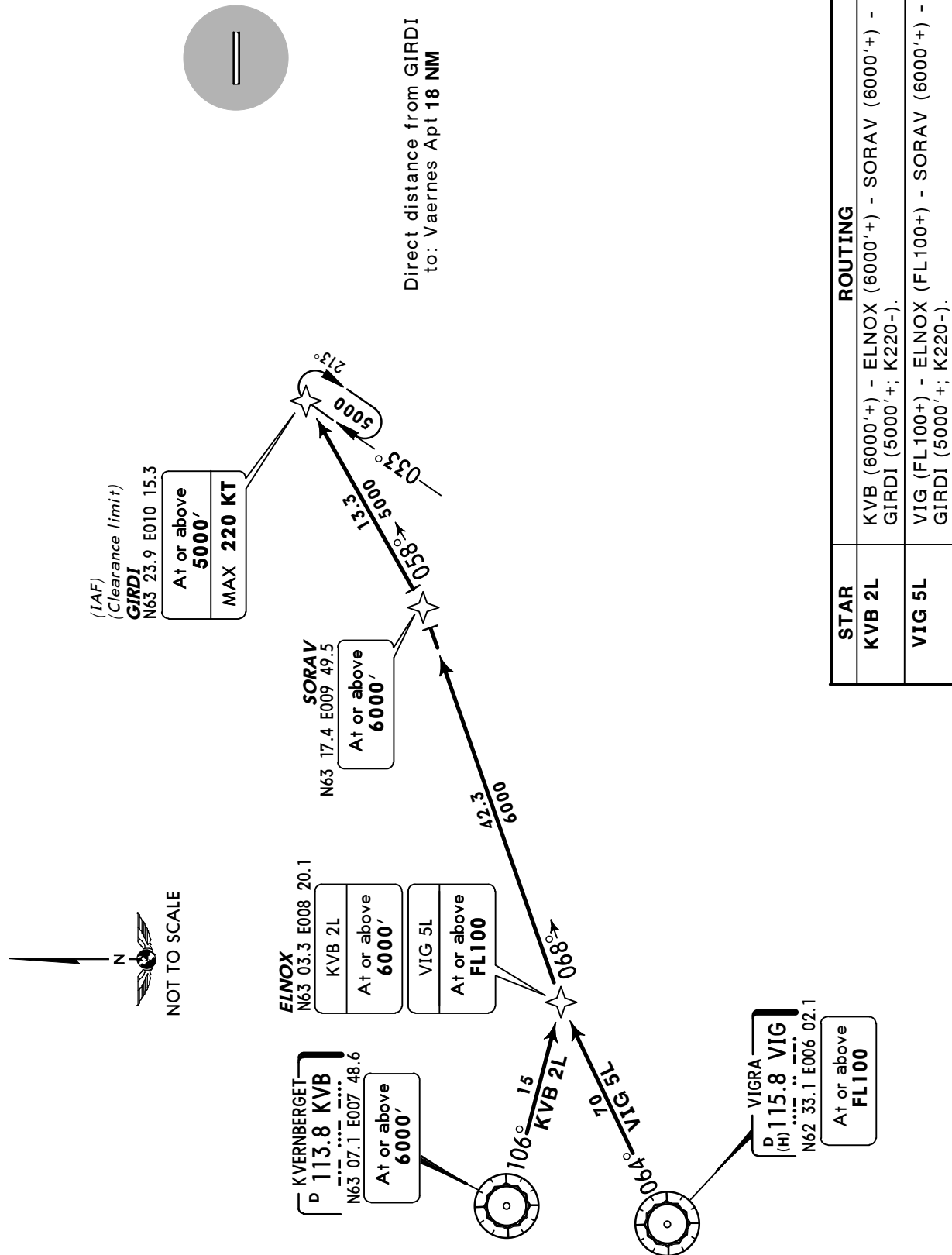
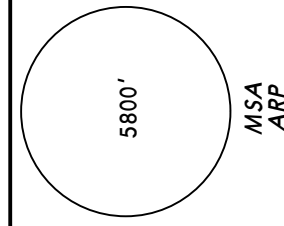


ATIS
127.55Apt Elev
56'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'

1. P-RNAV approval required.
2. RADAR service shall be available.
3. Request RADAR vectoring in case of loss of RNAV capability.
4. Descent as cleared by ATC.

KVERNBERGET TWO LIMA (KVB 2L)
VIGRA FIVE LIMA (VIG 5L)
RWY 09 P-RNAV ARRIVALS
P-RNAV (GNSS EXCEPT CLASS A GNSS)



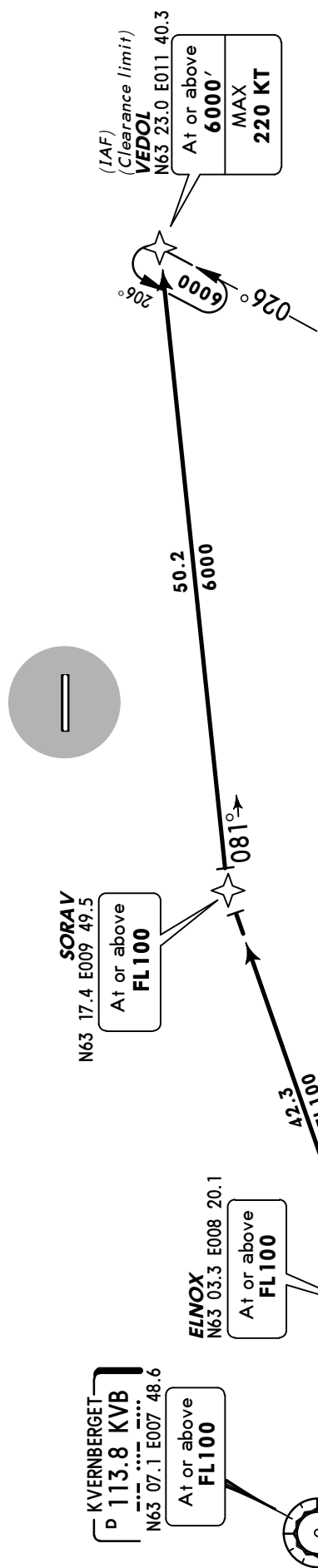
*ATIS
127.55

Apt Elev
56'

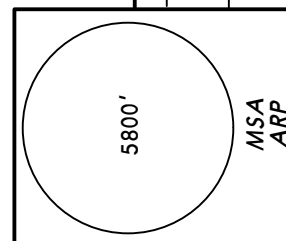
- Alt Set: hPa Trans level: By ATC Trans alt: 7000'
1. P-RNAV approval required.
 2. RADAR service shall be available.
 3. Request RADAR vectoring in case of loss of RNAV capability.
 4. Descent as cleared by ATC.

KVERNBERGET SIX MIKE (KVB 6M)
VIGRA SIX MIKE (VIG 6M)
RWY 27 P-RNAV ARRIVALS
P-RNAV (GNSS EXCEPT CLASS A GNSS)

Direct distance from VEDOR
to: Vaernes Apt **21 NM**



STAR	ROUTING
KVB 6M	KVB (FL100+) - ELNOX (FL100+) - SORAV (FL100+) - VEDOL (6000'+; K220-).
VIG 6M	VIG (FL100+) - ELNOX (FL100+) - SORAV (FL100+) - VEDOL (6000'+; K220-).



VAERNES Approach (R) 118.6	Apt Elev 56'	Trans level: By ATC Trans alt: 7000' 1. Contact VAERNES Approach when airborne. 2. Vectoring involving deviation from SIDs may be used to expedite outbound traffic. At or above 2500' clearance for direct routing will be given as soon as traffic permits. 3. Non P-RNAV equipped ACFT: at first contact with VAERNES Tower, state 'Non P-RNAV'. Omnidirectional departure available.	5800' MSA ARP
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ELSID SIX WHISKEY (ELSID 6W) [ELSI6W]
ELSID TWO X-RAY (ELSID 2X) [ELSI2X]
ELSID SIX YANKEE (ELSID 6Y) [ELSI6Y]
ELSID ONE ZULU (ELSID 1Z) [ELSI1Z]
RWYS 09, 27 P-RNAV DEPARTURES
P-RNAV (GNSS)

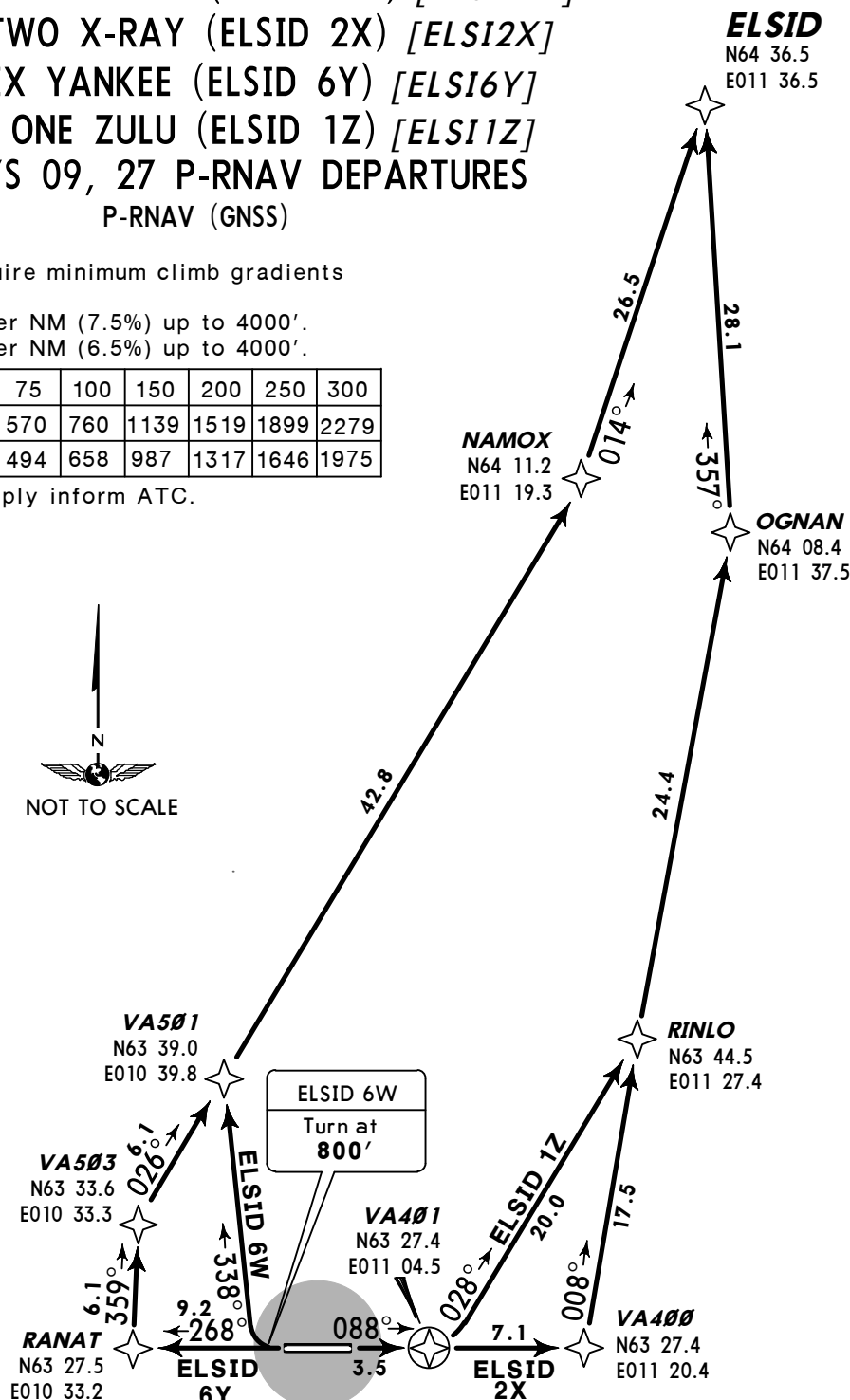
These SIDs require minimum climb gradients of

Rwy 09: 456' per NM (7.5%) up to 4000'.

Rwy 27: 395' per NM (6.5%) up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
456' per NM	570	760	1139	1519	1899	2279
395' per NM	494	658	987	1317	1646	1975

If unable to comply inform ATC.

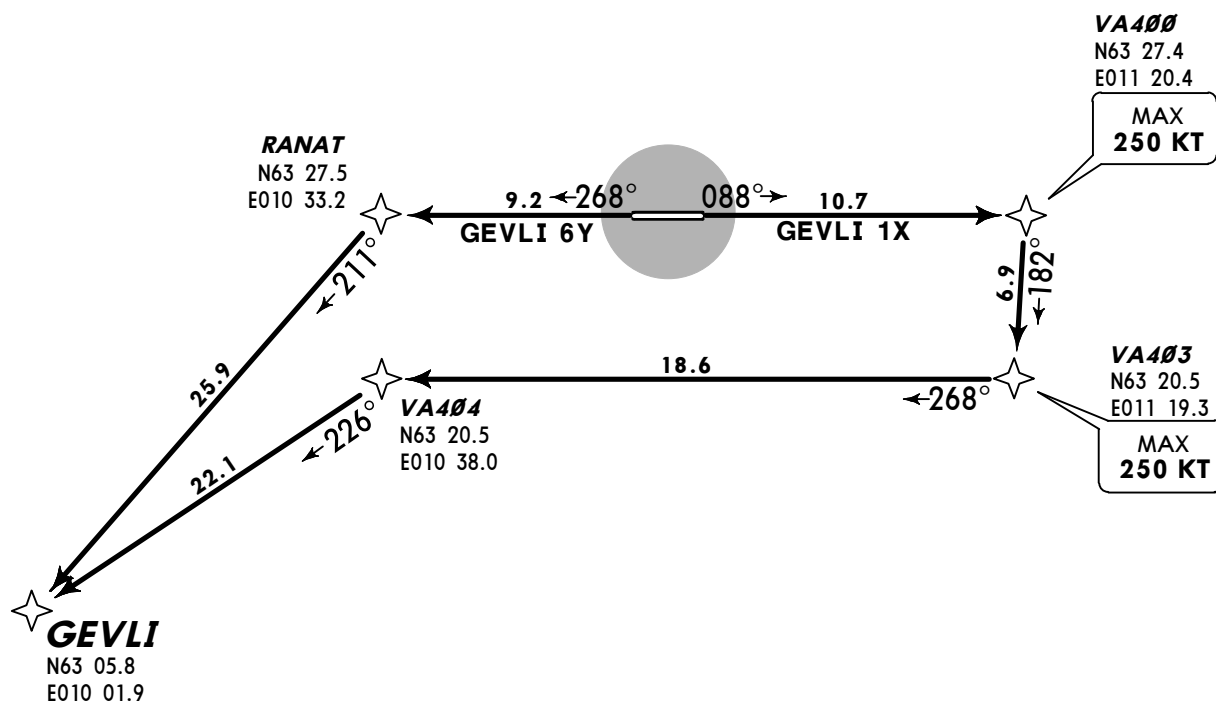


Initial climb clearance 6000'. Expect further climb from VAERNES Approach.

SID	RWY	ROUTING
ELSID 6W	27	Climb on 268° track to 800', turn RIGHT, 338° track to VA501, turn RIGHT to NAMOX - ELSID.
ELSID 2X	09	Climb on 088° track to VA400, turn LEFT to RINLO - OGNAN - ELSID.
ELSID 6Y	27	Climb on 268° track to RANAT, turn RIGHT to VA503 - NAMOX - ELSID.

VAERNES Approach (R) 118.6	Apt Elev 56'	Trans level: By ATC Trans alt: 7000' 1. Contact VAERNES Approach when airborne. 2. Vectoring involving deviation from SIDs may be used to expedite outbound traffic. At or above 2500' clearance for direct routing will be given as soon as traffic permits. 3. Non P-RNAV equipped ACFT: at first contact with VAERNES Tower, state 'Non P-RNAV'. Omnidirectional departure available.	5800' MSA ARP
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GEVLI ONE X-RAY (GEVLI 1X) [GEVL1X]
GEVLI SIX YANKEE (GEVLI 6Y) [GEVL6Y]
RWYS 09, 27 P-RNAV DEPARTURES
P-RNAV (GNSS)



These SIDs require minimum climb gradients of

Rwy 09: 456' per NM (7.5%) up to 4000'.

Rwy 27: 395' per NM (6.5%) up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
456' per NM	570	760	1139	1519	1899	2279
395' per NM	494	658	987	1317	1646	1975

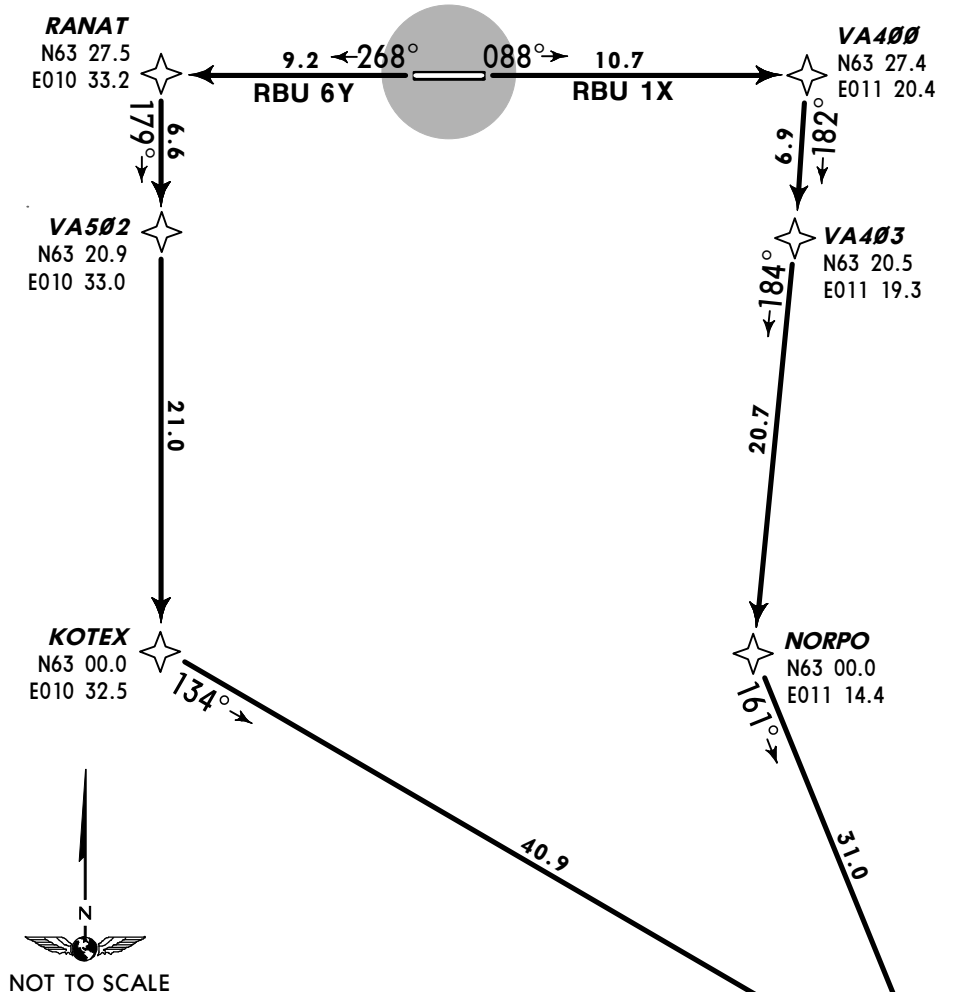
If unable to comply inform ATC.

Initial climb clearance **6000'**. Expect further climb from VAERNES Approach.

SID	RWY	ROUTING
GEVLI 1X	09	Climb on 088° track to VA400 (K250-), turn RIGHT to VA403 (K250-) - VA404 - GEVLI.

VAERNES Approach (R) 118.6	Apt Elev 56'	Trans level: By ATC Trans alt: 7000' 1. Contact VAERNES Approach when airborne. 2. Vectoring involving deviation from SIDs may be used to expedite outbound traffic. At or above 2500' clearance for direct routing will be given as soon as traffic permits. 3. Non P-RNAV equipped ACFT: at first contact with VAERNES Tower, state 'Non P-RNAV'. Omnidirectional departure available.	5800' MSA ARP
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RAMBU ONE X-RAY (RBU 1X)
RAMBU SIX YANKEE (RBU 6Y)
RWYS 09, 27 P-RNAV DEPARTURES
P-RNAV (GNSS)



These SIDs require minimum climb gradients of

Rwy 09: 456' per NM (7.5%) up to 4000'.

Rwy 27: 395' per NM (6.5%) up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
456' per NM	570	760	1139	1519	1899	2279
395' per NM	494	658	987	1317	1646	1975

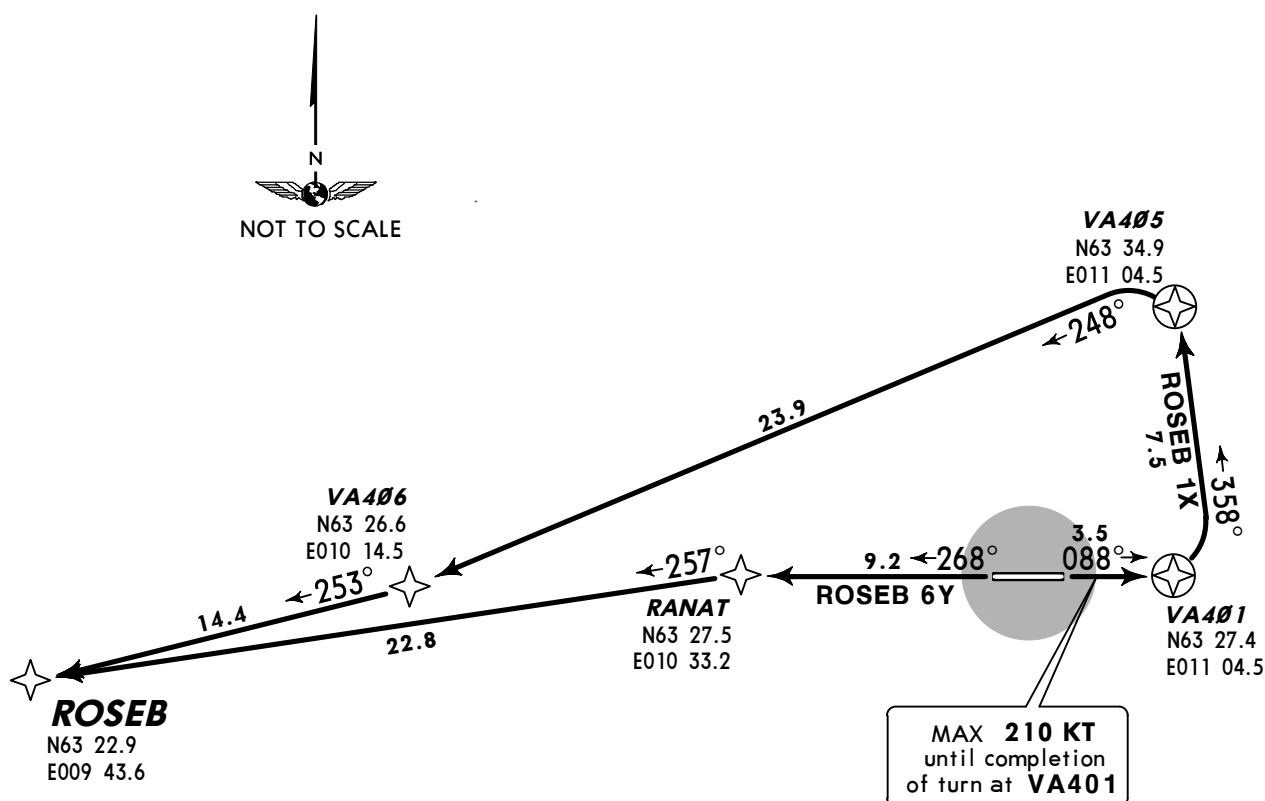
If unable to comply inform ATC.

Initial climb clearance **6000'**. Expect further climb from VAERNES Approach.

SID	RWY	ROUTING
RBU 1X	09	Climb on 088° track to VA400, turn RIGHT to VA403 - NORPO - RBU.

VAERNES Approach (R) 118.6	Apt Elev 56'	Trans level: By ATC Trans alt: 7000' 1. Contact VAERNES Approach when airborne. 2. Vectoring involving deviation from SIDs may be used to expedite outbound traffic. At or above 2500' clearance for direct routing will be given as soon as traffic permits. 3. Non P-RNAV equipped ACFT: at first contact with VAERNES Tower, state 'Non P-RNAV'. Omnidirectional departure available.	5800' MSA ARP
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ROSEB ONE X-RAY (ROSEB 1X) [ROSE1X]
ROSEB SIX YANKEE (ROSEB 6Y) [ROSE6Y]
RWYS 09, 27 P-RNAV DEPARTURES
P-RNAV (GNSS)



These SIDs require minimum climb gradients
of

Rwy 09: 456' per NM (7.5%) up to 4000'.

Rwy 27: 395' per NM (6.5%) up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
456' per NM	570	760	1139	1519	1899	2279
395' per NM	494	658	987	1317	1646	1975

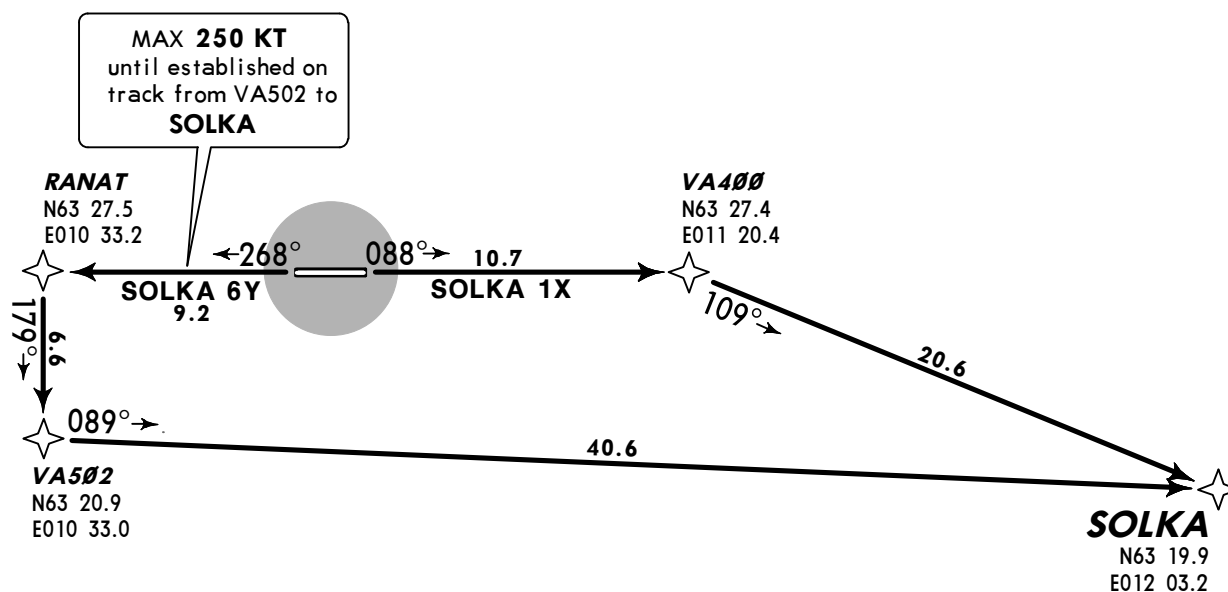
If unable to comply inform ATC.

Initial climb clearance **6000'**. Expect further climb from VAERNES Approach.

SID	RWY	ROUTING
ROSEB 1X	09	Climb on 088° track to VA401, turn LEFT to VA405 - VA406 - ROSEB.

VAERNES Approach (R) 118.6	Apt Elev 56'	Trans level: By ATC Trans alt: 7000' 1. Contact VAERNES Approach when airborne. 2. Vectoring involving deviation from SIDs may be used to expedite outbound traffic. At or above 2500' clearance for direct routing will be given as soon as traffic permits. 3. Non P-RNAV equipped ACFT: at first contact with VAERNES Tower, state 'Non P-RNAV'. Omnidirectional departure available.	5800' MSA ARP
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**SOLKA ONE X-RAY (SOLKA 1X) [SOLK1X]
SOLKA SIX YANKEE (SOLKA 6Y) [SOLK6Y]
RWYS 09, 27 P-RNAV DEPARTURES
P-RNAV (GNSS)**



These SIDs require minimum climb gradients
of

Rwy 09: 456' per NM (7.5%) up to 4000'.

Rwy 27: 395' per NM (6.5%) up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
456' per NM	570	760	1139	1519	1899	2279
395' per NM	494	658	987	1317	1646	1975

If unable to comply inform ATC.

Initial climb clearance 6000'. Expect further climb from VAERNES Approach.

SID	RWY	ROUTING
SOLKA 1X	09	Climb on 088° track to VA400, turn RIGHT to SOLKA.

VAERNES
Approach (R)
118.6Apt Elev
56'

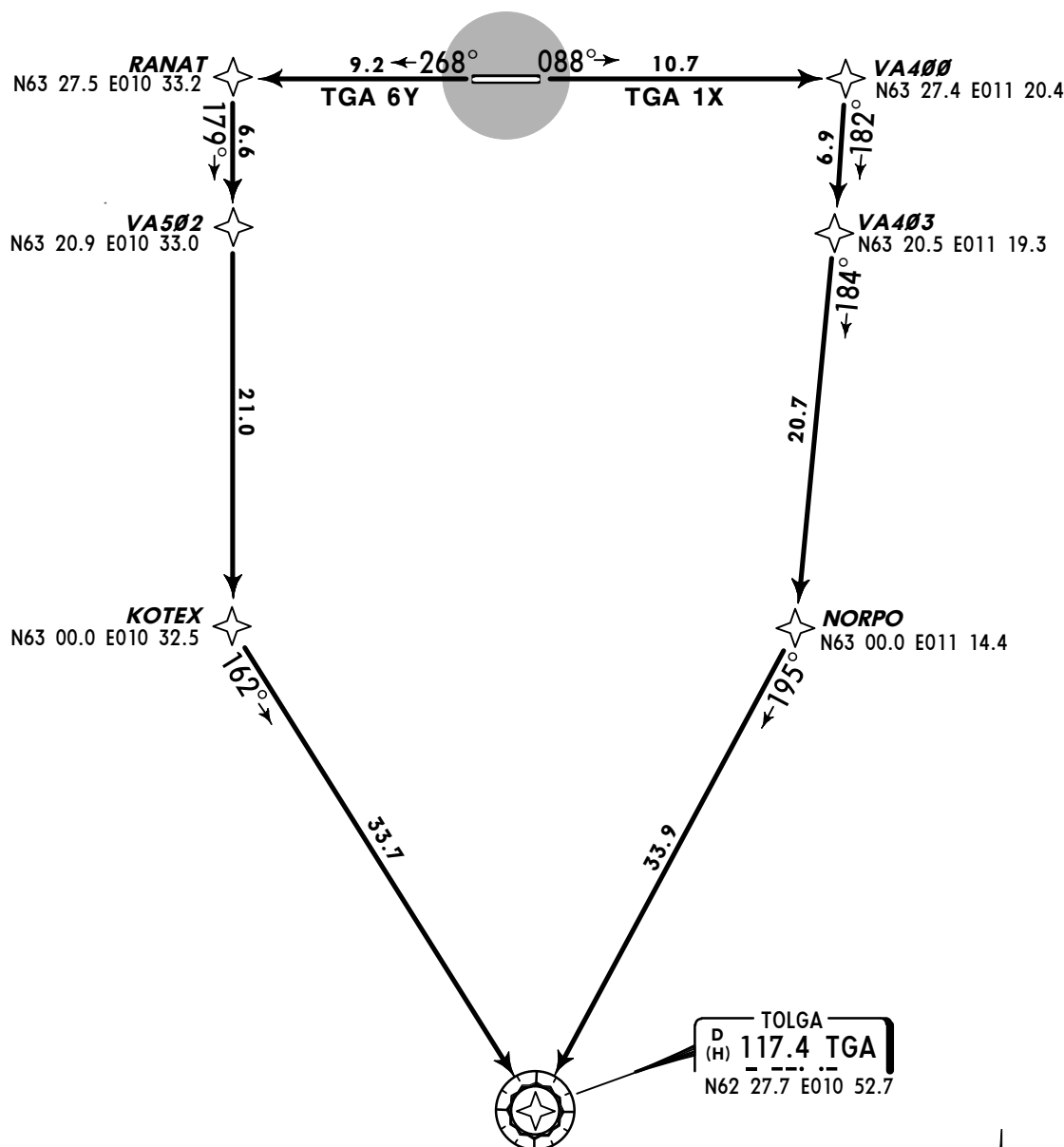
Trans level: By ATC Trans alt: 7000'

1. Contact VAERNES Approach when airborne.
2. Vectoring involving deviation from SIDs may be used to expedite out-bound traffic. At or above 2500' clearance for direct routing will be given as soon as traffic permits.
3. Non P-RNAV equipped ACFT: at first contact with VAERNES Tower, state 'Non P-RNAV'. Omnidirectional departure available.

TOLGA ONE X-RAY (TGA 1X)
TOLGA SIX YANKEE (TGA 6Y)
RWYS 09, 27 P-RNAV DEPARTURES
P-RNAV (GNSS)

5800'

MSA ARP



These SIDs require minimum climb gradients
of

Rwy 09: 456' per NM (7.5%) up to 4000'.

Rwy 27: 395' per NM (6.5%) up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
456' per NM	570	760	1139	1519	1899	2279
395' per NM	494	658	987	1317	1646	1975

If unable to comply inform ATC.

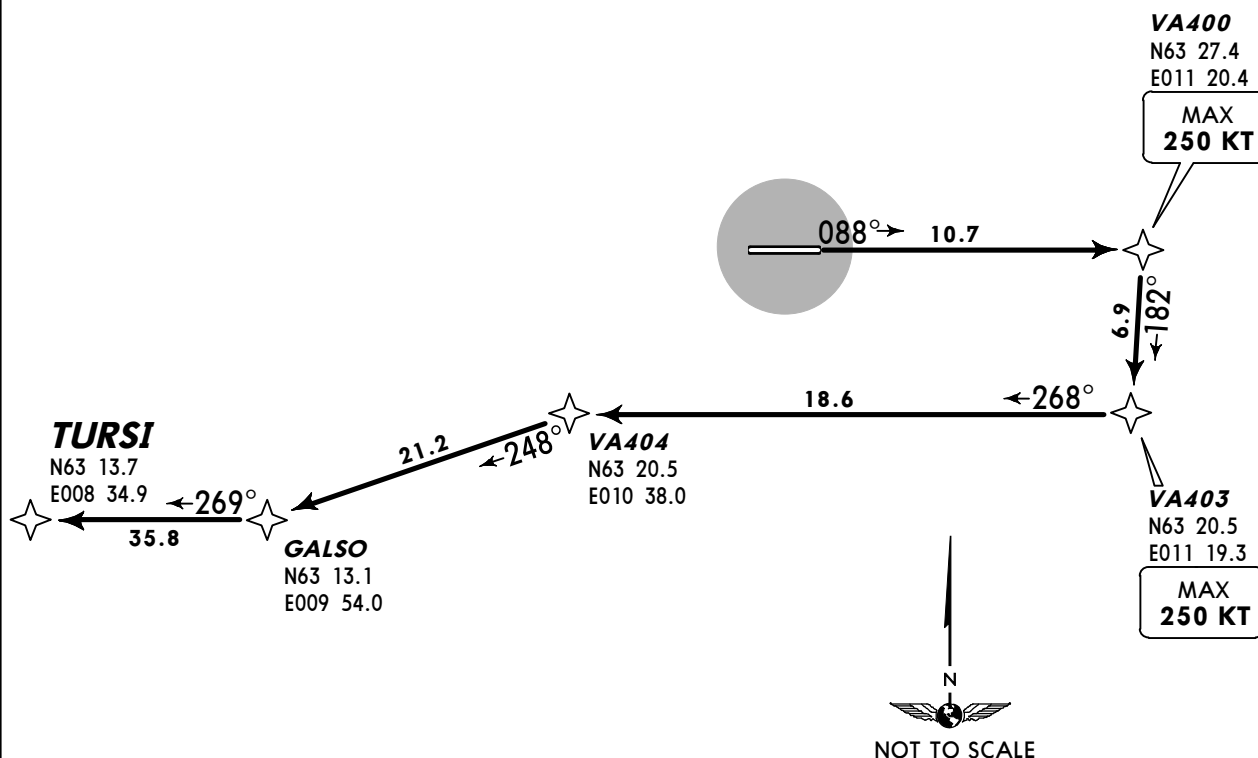
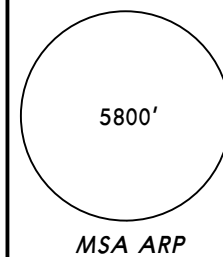
Initial climb clearance 6000'. Expect further climb from VAERNES Approach.

SID	RWY	ROUTING
TGA 1X	09	Climb on 088° track to VA400, turn RIGHT to VA403 - NORPO - TGA.

VAERNES
Approach (R)
118.6Apt Elev
56'

Trans level: By ATC Trans alt: 7000'

1. Contact VAERNES Approach when airborne.
2. Vectoring involving deviation from SIDs may be used to expedite out-bound traffic. At or above 2500' clearance for direct routing will be given as soon as traffic permits.
3. Non P-RNAV equipped ACFT: at first contact with VAERNES Tower, state 'Non P-RNAV'. Omnidirectional departure available.

**TURSI ONE X-RAY (TURSI 1X) [TURS1X]
RWY 09 P-RNAV DEPARTURE
P-RNAV (GNSS)**

This SID requires a minimum climb gradient of 456' per NM (7.5%) up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
456' per NM	570	760	1139	1519	1899	2279

If unable to comply inform ATC.

Initial climb clearance **6000'**. Expect further climb from VAERNES Approach.

ROUTING

Climb on 088° track to VA400 (K250-), turn RIGHT to VA403 (K250-) - VA404 - GALSO - TURSI.

RWYS 09, 27 OMNIDIRECTIONAL DEPARTURES

EXPECT RADAR VECTORING BY VAERNES APPROACH TO JOIN THE CLEARED ATS ROUTE

These departures require minimum climb gradients of

Rwy 09: 456' per NM (7.5%) up to 4000'.

Rwy 27: 395' per NM (6.5%) up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
456' per NM	570	760	1139	1519	1899	2279
395' per NM	494	658	987	1317	1646	1975

If unable to comply inform ATC.

RWY**ROUTING****09**

Climb on 088° track to 6000', then start turn according to ATC clearance. Expect further climb from VAERNES Approach.

27

Climb on 268° track to 6000', then start turn according to ATC clearance. Expect

NOISE ABATEMENT

SUMMER	: LT minus 2 HOURS	= UTC (Z)
WINTER	: LT minus 1 HOUR	= UTC (Z)

GENERAL

The following noise abatement procedures are mandatory for aircraft with MTOM more than 7000 kg unless deviations are required in the interest of safety. Instructions which will imply deviations from noise abatement procedures will include the phrase "DISREGARD NOISE ABATEMENT".

ARRIVALS

Noise abatement procedure is part of published approach procedures, including visual approach chart.

Shorter visual approaches are allowed from the North to RWY 09 and for propeller aircraft to RWY 27.

DEPARTURES

Noise abatement procedure is part of published SIDs.

For jet aircraft a direct routing can be anticipated after passing 2500' AMSL.

For propeller aircraft departing on RWY 09 and all aircraft departing RWY 27 to the North a turn for visual departure can be anticipated after passing 1000' AMSL.

RUN-UP TESTS

Engines must not be reversed beyond idle reverse between 2300-0700LT, unless so warranted by reasons of safety.

After maintenance, engine testing applying more than idle thrust shall take place at TWY Y, tail pointing West. Between 2300-0700LT engine testing shall be avoided.

Between 0700-2300LT engine testing lasting maximum 15 minutes in power setting idle, can be performed at parking stands or outside hangars.

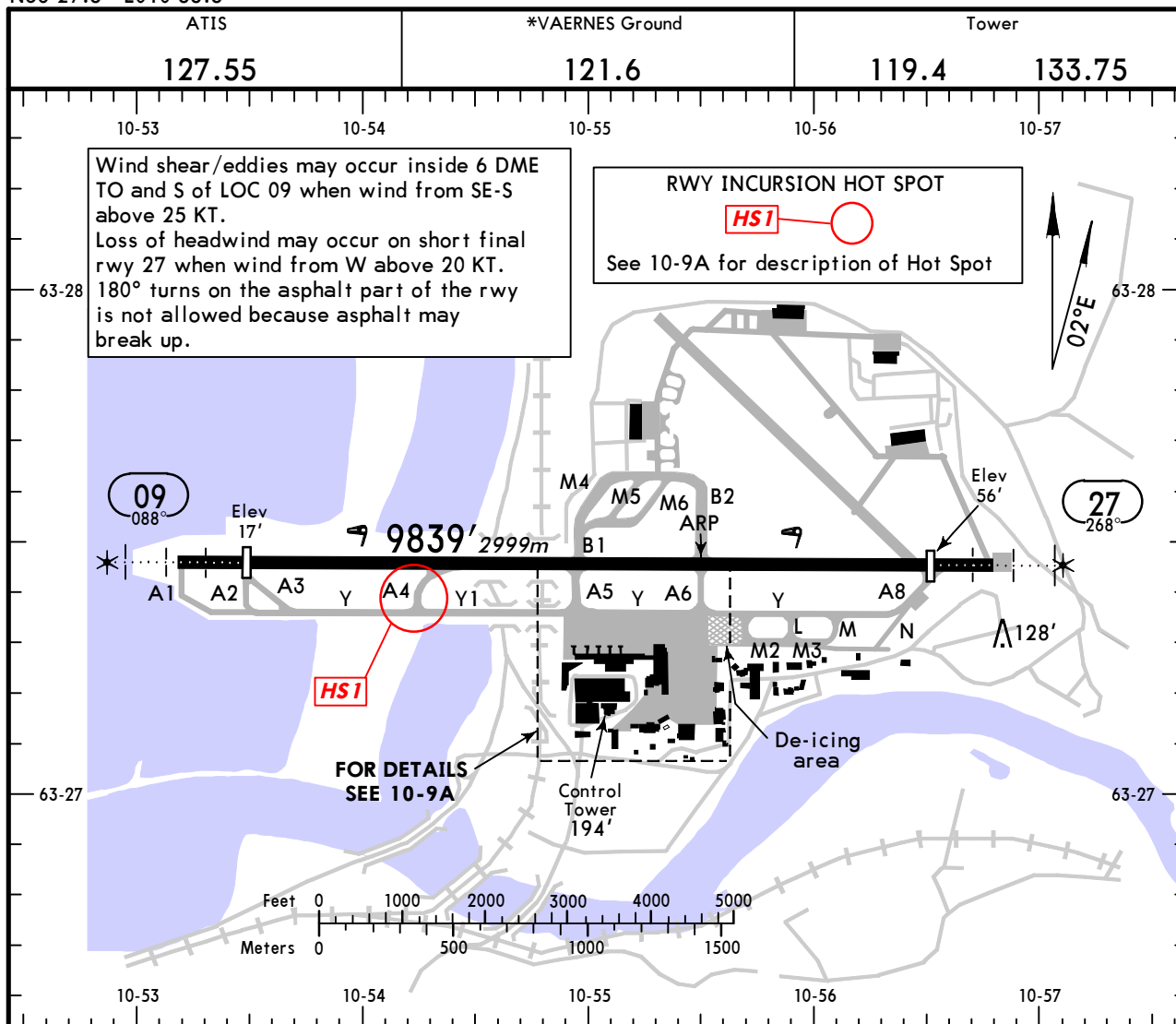
EXCEPTIONS

Through ATC, Avinor may grant exemption from the provisions stated above for safety reasons or when special circumstances seriously impair the airport capacity.

The pilot-in-command may deviate from these provisions for safety reasons.

Necessary flights regarding control of communication and navigation equipment are exempted from these provisions.

Ambulance flights, SAR and military flights may be exempted from these provisions for both military registered aircraft, as well as civil registered aircraft in military operation.



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
09	HIRL (60m) CL (15m) HIALS PAPI (3.0°)	8025' 2446m	7053' 2150m	3	148' 45m
27	HIRL (60m) CL (15m) HIALS SFL CGL PAPI (3.4°)	8100' 2469m	6817' 2078m		

① Rwy grooved.

② Obstruction penetrates PAPI clearance surface approx 1.3 NM N and 5 NM S of threshold 27.

③ TAKE OFF RUN AVAILABLE

RWY 09:

From rwy head 8855' (2699m)

twy A2, A3 int 7874' (2400m)

twy A4 int 5922' (1805m)

twy A5 int 4190' (1277m)

twy A6 int 2710' (826m)

RWY 27:

From rwy head 8855' (2699m)

twy A8 int 8100' (2469m)

twy A6 int 5240' (1597m)

twy A5 int 3806' (1160m)

When an aircraft is cleared to line up on the rwy from position A8, the pilot-in-command shall inform ATC if full runway length will be used for take-off.

LOW VISIBILITY PROCEDURE (LVP)

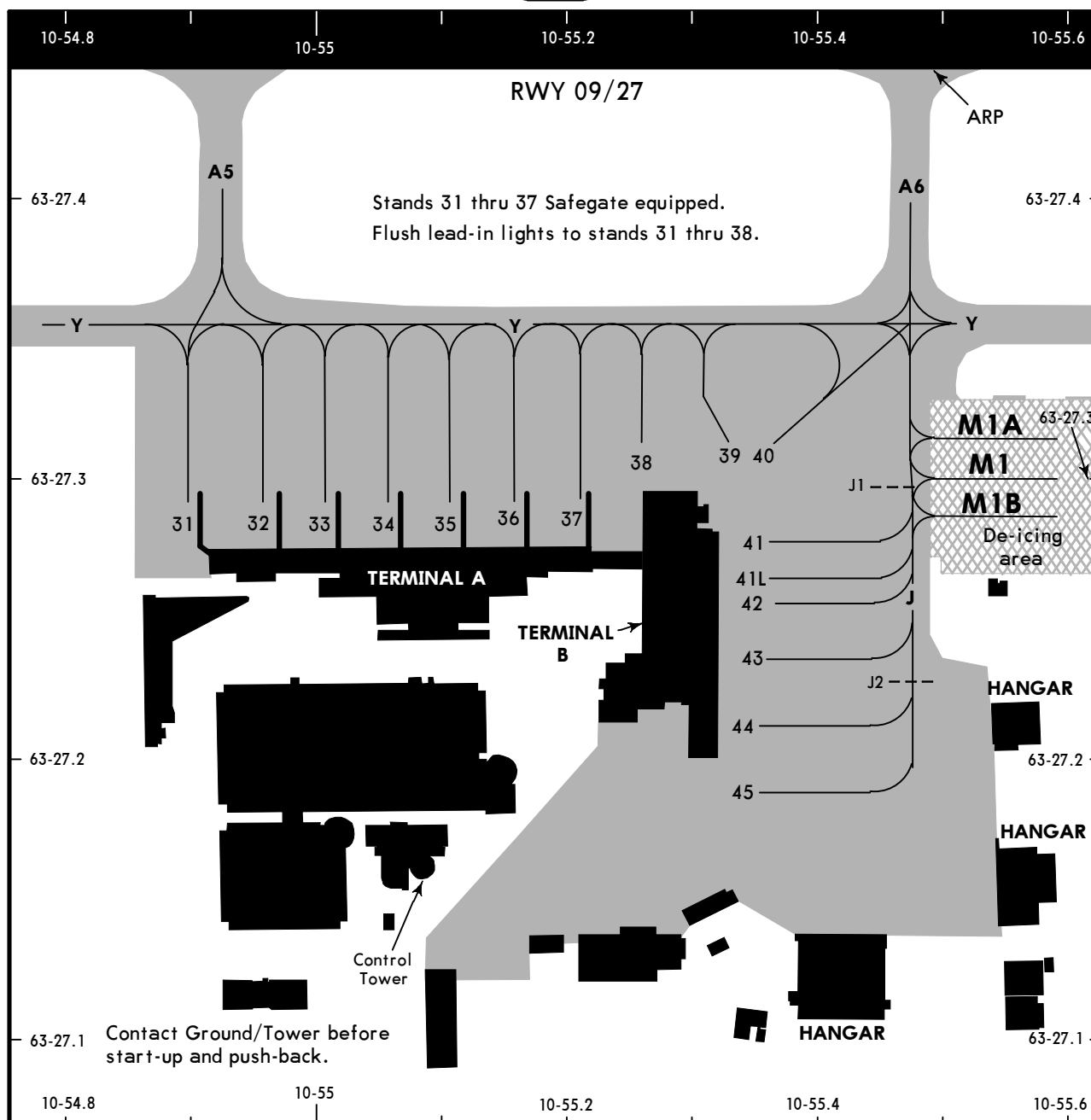
RVR 550m or less:

When LVP is in force only one aircraft is allowed in the manoeuvring area at a time.

Standard

TAKE-OFF

	RCLM (DAY only) or RL	NIL (DAY only)
A	400m	500m
B		
C		
D		



INS COORDINATES

STAND No.	COORDINATES	ELEV	STAND No.	COORDINATES	ELEV
31, 32	N63 27.3 E010 54.9	34	39	N63 27.3 E010 55.3	35
33, 34	N63 27.3 E010 55.0	34	40	N63 27.3 E010 55.4	35
35, 36	N63 27.3 E010 55.1	34	41 thru 42	N63 27.3 E010 55.3	35
37	N63 27.3 E010 55.2	34	43	N63 27.2 E010 55.3	35
38	N63 27.3 E010 55.2	33	44, 45	N63 27.2 E010 55.3	36

Push-back Procedures from stands 41 thru 45

Standard push-back from stands 41 thru 45 is to face north on twy J. After push-back from stand 41L, the acft shall be pulled forward to startup position 1.

After push-back from stands 44 and 45, the acft shall be pulled forward to startup position 2. Startup position 1 and 2 are marked with blue parallel lines on twy J.

HOT SPOT

(For information only, not to be construed as ATC instructions.)

HS1 Angled twy, difficult to see traffic on final rwy 09.

STRAIGHT-IN RWY		DA(H) / MDA(H)	RVR (ALS/ALS out)
09	ILS ❶	217' (200')	650m / 1000m
	ILS ❷	296' (279')	700m / 1000m
	ILS ❸	540' (523')	800m / 1000m
	ILS ❹	717' (700')	800m / 1000m
	LOC ❷	460' (443')	1000m / 1000m
	LOC ❸	560' (543')	1000m / 1000m
	LOC ❹	730' (713')	1000m / 1000m
	RNAV ❸	700' (683')	1000m / 1000m
	RNAV ❹	860' (843')	1000m / 1000m
27	ILS	256' (200')	600m / 1000m
	LOC	730' (674')	1000m / 1000m
	RNAV	960' (904')	1000m / 1000m

❶ Missed apch climb gradient mim 5.0%

❷ Missed apch climb gradient mim 4.0%

❸ Missed apch climb gradient mim 3.0%

❹ Missed apch climb gradient mim 2.5%

CIRCLE-TO-LAND ❺	MDA(H)	VIS
	1320' (1264') ❻	1000m

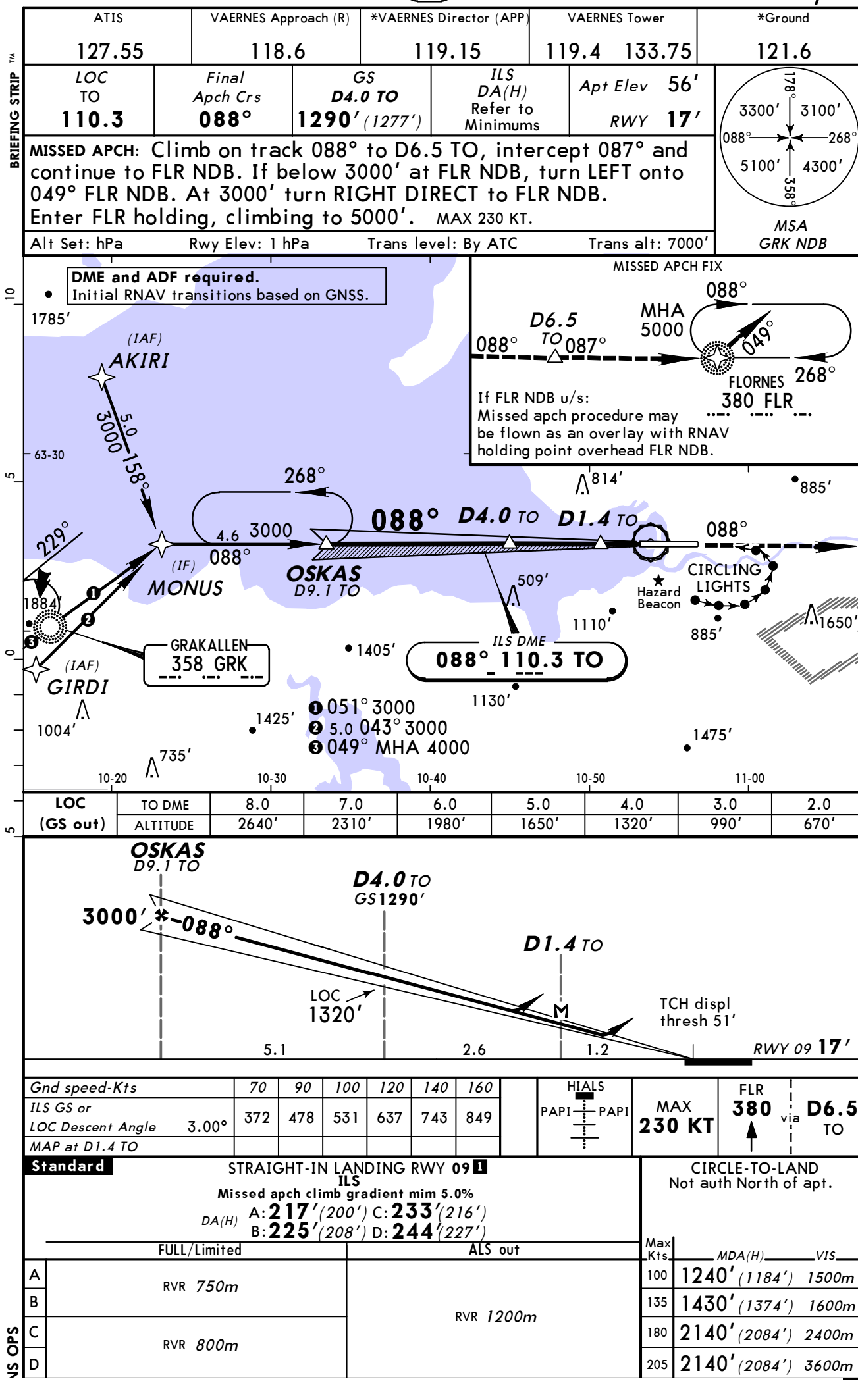
❺ Not authorized North of airport.

❻ CAT A ACFT following CGL to RWY 27: 1400' (1344').

TAKE-OFF RWY 07, 25

RL, FATO LTS, CL & RVR info	RL, FATO LTS & RCLM	Unlit/unmarked defined RWY/FATO	Nil Facilities DAY	Nil Facilities NIGHT
400m			400m ❼	800m

❼ Or rejected take-off distance whichever is the greater.



ILS & LOC RWY 09 MINIMUMS

BASED ON:

MISSED APCH CLIMB GRADIENT MIM 4.0%

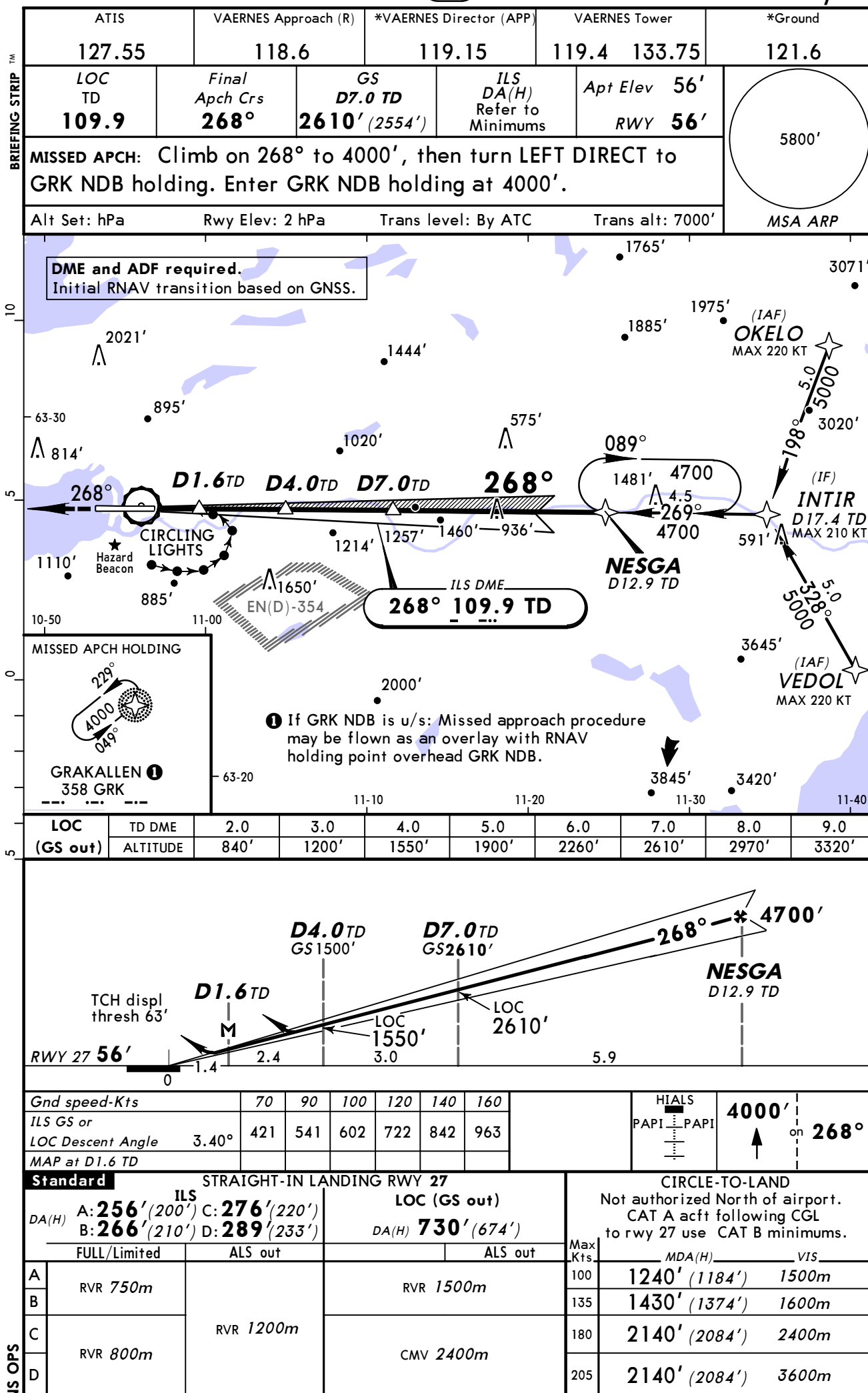
ILS		LOC (GS out)	
DA(H) A: 296' (279') C: 317' (300') B: 309' (292') D: 327' (310')		DA(H) 460' (443')	
FULL/Limited	ALS out	ALS out	
A	RVR 900m	RVR 1500m	
B			
C		RVR 1700m	CMV 2100m
D	RVR 1000m		

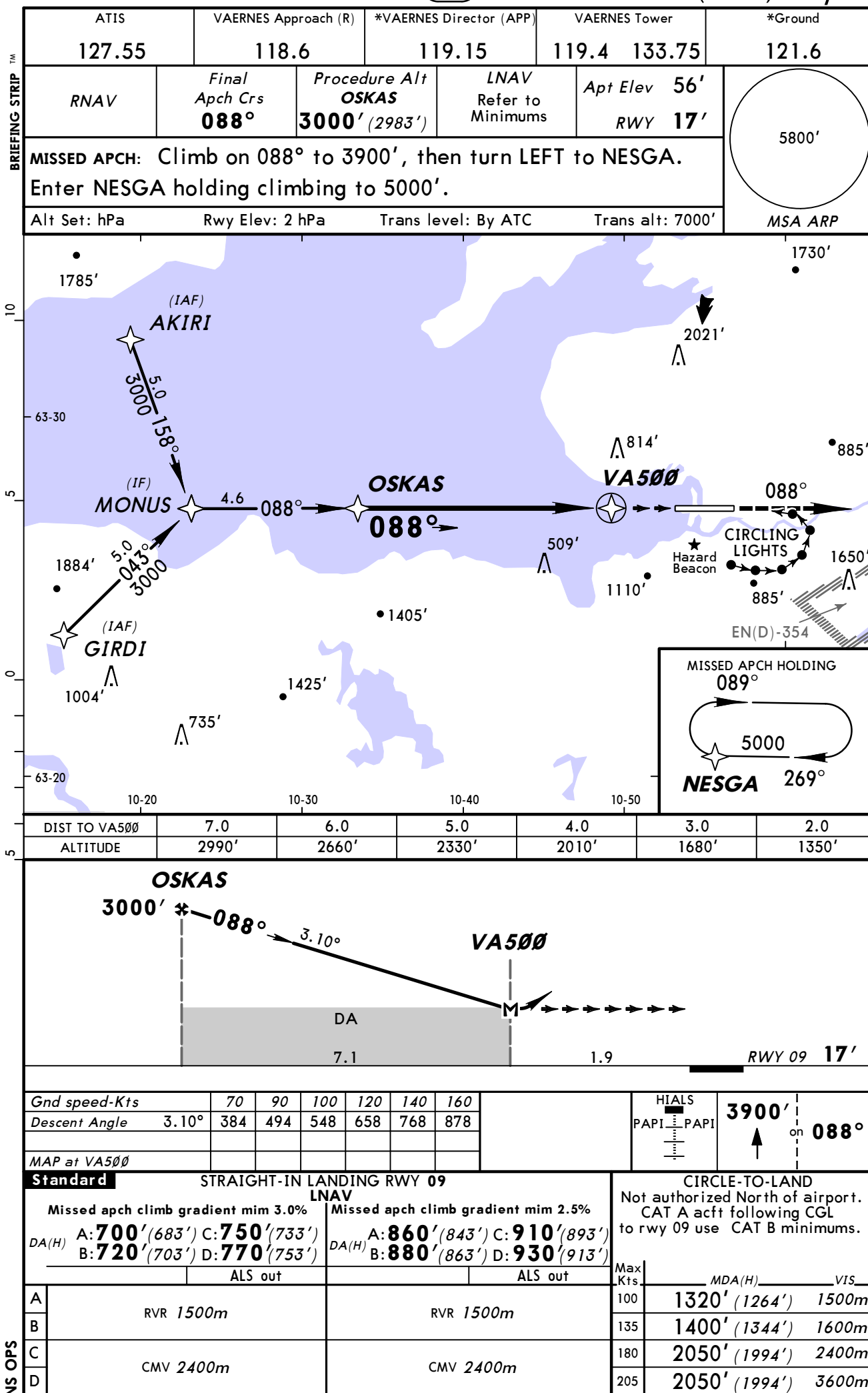
MISSED APCH CLIMB GRADIENT MIM 3.0%

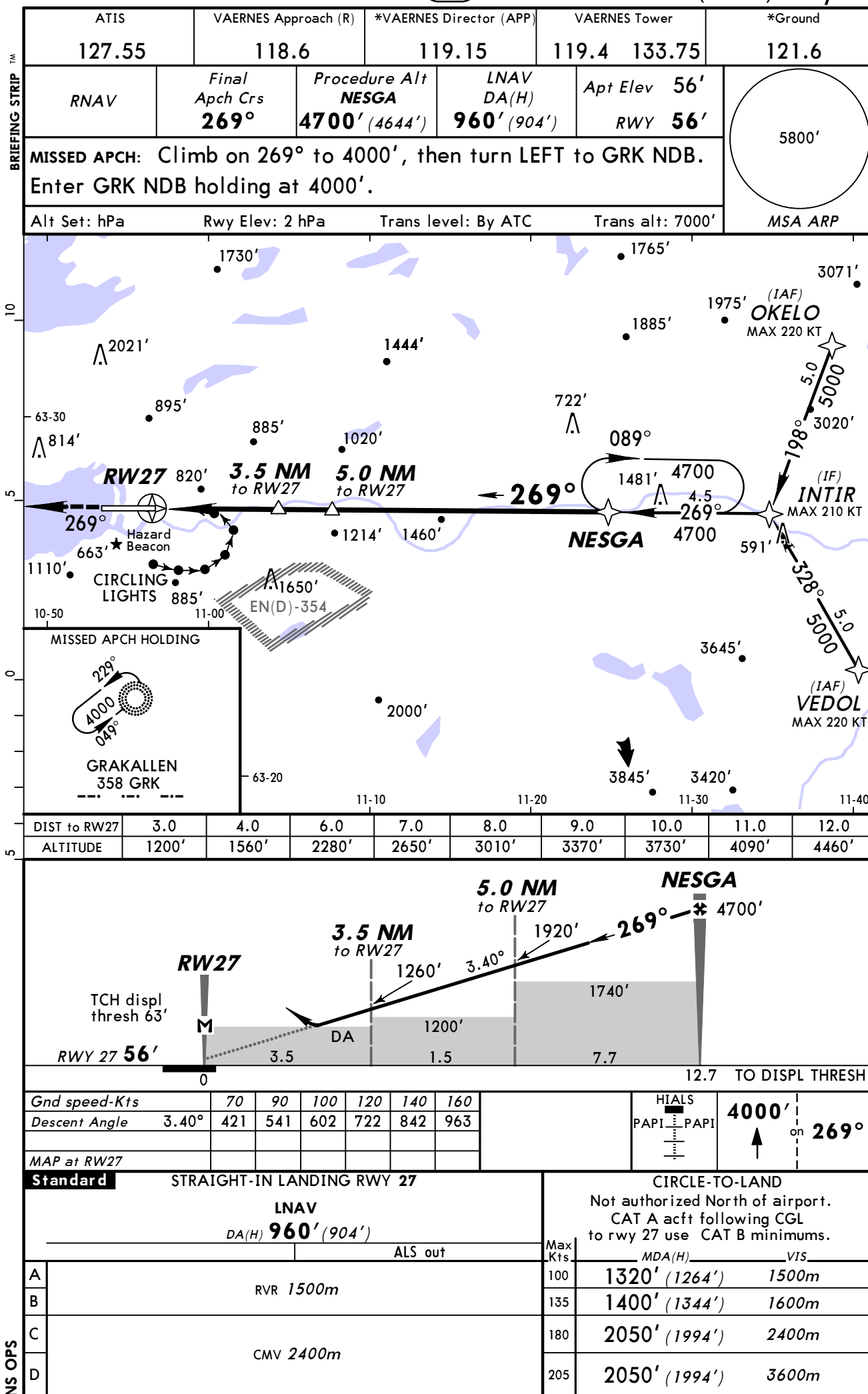
ILS		LOC (GS out)	
DA(H) A: 540' (523') C: 560' (543') B: 552' (535') D: 570' (553')		DA(H) A: 560' (543') C: 620' (603') B: 590' (573') D: 640' (623')	
FULL/Limited	ALS out	ALS out	
A	RVR 1500m	RVR 1500m	
B			
C	CMV 2100m	CMV 2400m	CMV 2400m
D			

MISSED APCH CLIMB GRADIENT MIM 2.5%

ILS		LOC (GS out)	
DA(H) A: 717' (700') C: 737' (720') B: 729' (712') D: 747' (730')		DA(H) A: 730' (713') C: 770' (753') B: 750' (733') D: 790' (773')	
FULL/Limited	ALS out	ALS out	
A	RVR 1500m	RVR 1500m	
B			
C	CMV 2400m	CMV 2400m	
D			







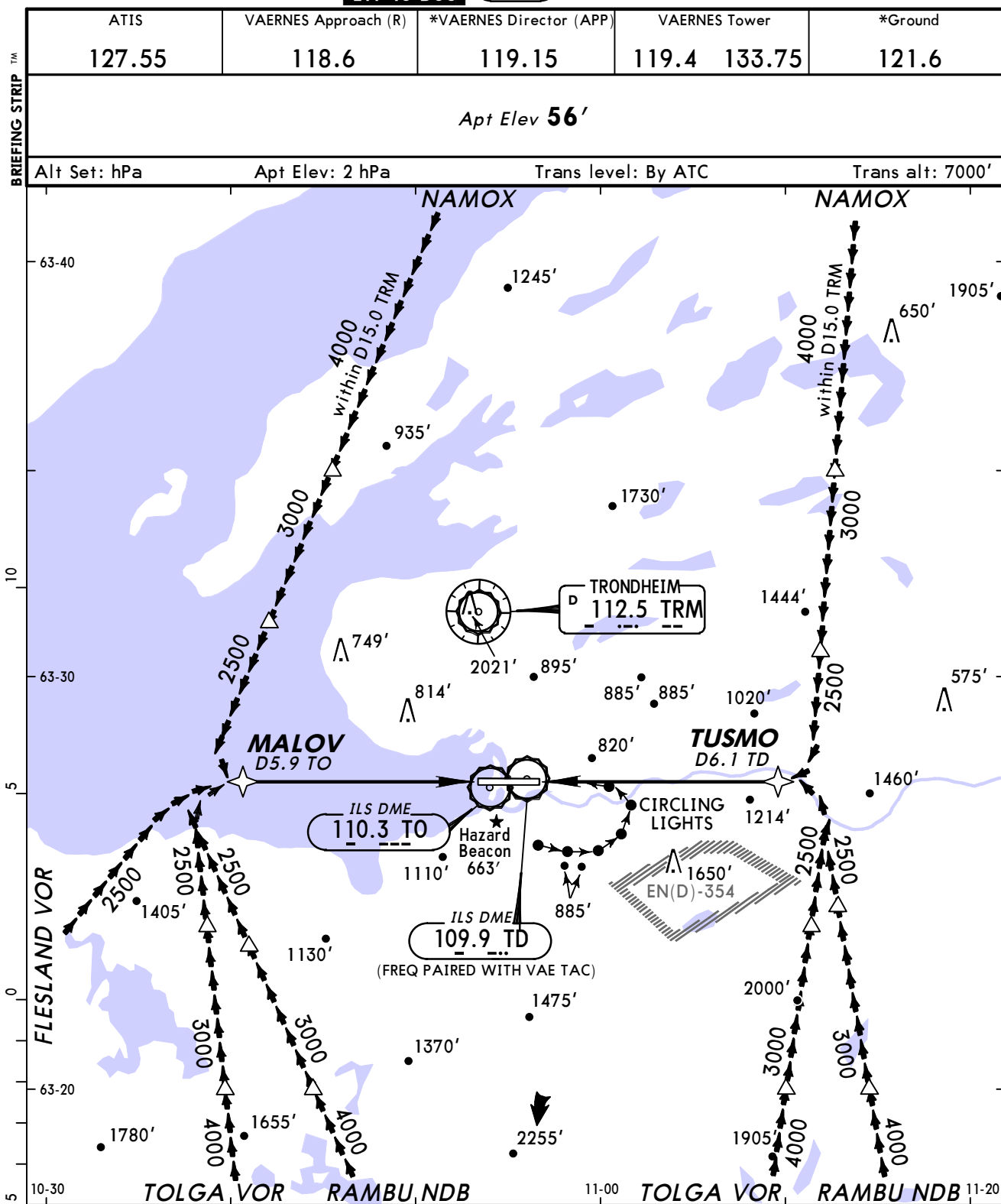


Chart changes since cycle 25-2012

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
TRONDHEIM, (VAERNES - ENVA)				
DEL	ELSID 2L & SOLKA 1L P-RNA...	10-2	07 Dec 2012	13 Dec 2012
ADD	ELSID 3L & SOLKA 2L P-RNA...	10-2	07 Dec 2012	13 Dec 2012
DEL	ELSID 3M & SOLKA 1M P-RNA...	10-2A	07 Dec 2012	13 Dec 2012
ADD	ELSID 4M & SOLKA 2M P-RNA...	10-2A	07 Dec 2012	13 Dec 2012
DEL	RAMBU 3L & TOLGA 2L P-RNA...	10-2B	07 Dec 2012	13 Dec 2012
ADD	RAMBU 4L & TOLGA 3L P-RNA...	10-2B	07 Dec 2012	13 Dec 2012
DEL	RAMBU & TOLGA 3M P-RNAV A...	10-2C	07 Dec 2012	13 Dec 2012
ADD	RAMBU & TOLGA 4M P-RNAV A...	10-2C	07 Dec 2012	13 Dec 2012
DEL	AGNON & LASAG 2L P-RNAV A...	10-2D	07 Dec 2012	13 Dec 2012
ADD	AGNON & LASAG 3L P-RNAV A...	10-2D	07 Dec 2012	13 Dec 2012
DEL	AGNON & LASAG 3M P-RNAV A...	10-2E	07 Dec 2012	13 Dec 2012
ADD	AGNON & LASAG 4M P-RNAV A...	10-2E	07 Dec 2012	13 Dec 2012
DEL	KVERNBERGET 1L & VIGRA 4L...	10-2F	07 Dec 2012	13 Dec 2012
ADD	KVERNBERGET 2L & VIGRA 5L...	10-2F	07 Dec 2012	13 Dec 2012
DEL	KVERNBERGET & VIGRA 5M P...	10-2G	07 Dec 2012	13 Dec 2012
ADD	KVERNBERGET & VIGRA 6M P...	10-2G	07 Dec 2012	13 Dec 2012
DEL	RWYS 09, 27 ARRS (FROM NO...	10-2H	07 Dec 2012	13 Dec 2012
DEL	RWYS 09, 27 ARRS (FROM SO...	10-2J	07 Dec 2012	13 Dec 2012
REV	AIRPORT, AIRPORT INFO, TA...	10-9	07 Dec 2012	13 Dec 2012
ADD	PARKING STANDS & COORDS, ...	10-9A	07 Dec 2012	13 Dec 2012
DEL	PARKING STANDS & COORDS	10-9A	07 Dec 2012	13 Dec 2012
REV	JAA COPTER MNMS	10-9Y	07 Dec 2012	13 Dec 2012
DEL	ILS DME RWY 09	11-1	07 Dec 2012	13 Dec 2012
ADD	ILS OR LOC RWY 09	11-1	07 Dec 2012	13 Dec 2012
ADD	ILS OR LOC RWY 09 MNMS	11-1A	07 Dec 2012	13 Dec 2012
ADD	ILS OR LOC RWY 27	11-2	07 Dec 2012	13 Dec 2012
DEL	ILS RWY 27	11-2	07 Dec 2012	13 Dec 2012
ADD	RNAV (GNSS) RWY 09	12-1	07 Dec 2012	13 Dec 2012
DEL	RNAV (GNSS) RWY 27	12-1	07 Dec 2012	13 Dec 2012
ADD	RNAV (GNSS) RWY 27	12-2	07 Dec 2012	13 Dec 2012
DEL	NDB RWY 09	16-1	07 Dec 2012	13 Dec 2012
DEL	NDB 267 DEGREES	16-2	07 Dec 2012	13 Dec 2012
REV	VISUAL APCH	19-10	07 Dec 2012	13 Dec 2012

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport ENVA