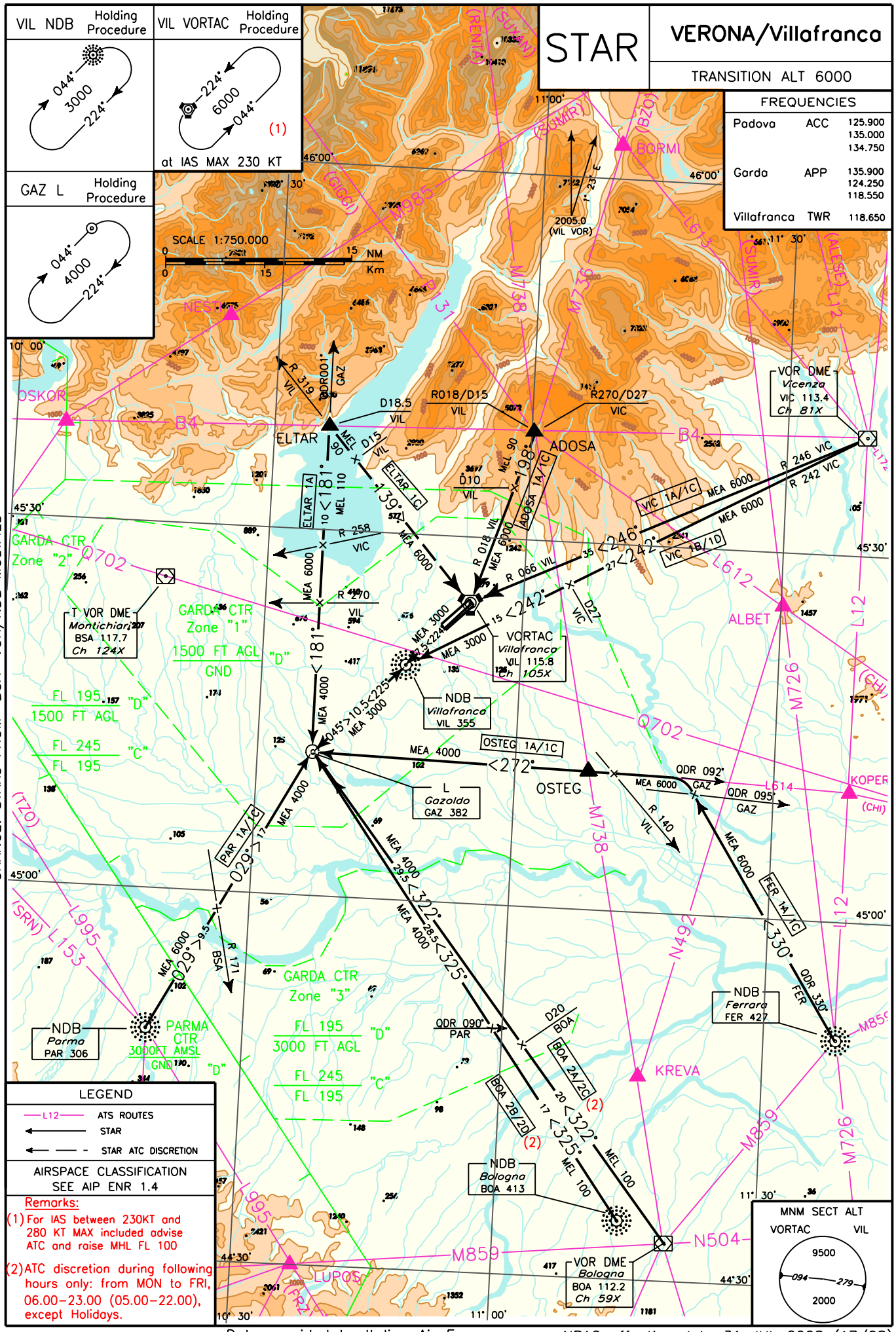
STAR VERONA/Villafranca

TRANSITION ALT 6000

FREQUENCIES		
Padova	ACC	125.900 135.000 134.750
Garda	APP	135.900 124.250 118.550
Villafranca	TWR	118.650



CHANGE: STARs FROM "BOA" VOR/NDB MODIFIED

VIC 1A
VIC VOR/DME – TR 246° (RDL 246 VIC VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB – TR 225° (QDR 225° VIL NDB) – GAZ L

VIC 1A
VIC VOR/DME – TR 246° (RDL 246 VIC VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB – TR 225° (QDR 225° VIL NDB) – GAZ L

MEA: VIC VOR/DME – VIL VORTAC: 6000FT, VIL VORTAC – VIL NDB – GAZ L: 3000FT

VIC 1B
VIC VOR/DME – TR 242° (RDL 242 VIC VOR) – VIL NDB – TR 225° (QDR 225° VIL NDB) – GAZ L

VIC 1B
VIC VOR/DME – TR 242° (RDL 242 VIC VOR) – VIL NDB – TR 225° (QDR 225° VIL NDB) – GAZ L

MEA: VIC VOR/DME – RDL 242/27 NM VIC VOR/DME: 6000FT, RDL 242/27 NM VIC VOR/DME – VIL NDB – GAZ L: 3000FT

VIC 1C
VIC VOR/DME – TR 246° (RDL 246 VIC VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB

VIC 1C
VIC VOR/DME – TR 246° (RDL 246 VIC VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB

MEA: VIC VOR/DME – VIL VORTAC: 6000FT, VIL VORTAC – VIL NDB: 3000FT

VIC 1D
VIC VOR/DME – TR 242° (RDL 242 VIC VOR) – VIL NDB

VIC 1D
VIC VOR/DME – TR 242° (RDL 242 VIC VOR) – VIL NDB

MEA: VIC VOR/DME – RDL 242/27 NM VIC VOR/DME: 6000FT, RDL 242/27 NM VIC VOR/DME – VIL NDB: 3000FT

ADOSA 1A
ADOSA – TR 198° (RDL 018 VIL VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB – TR 225° (QDR 225° VIL NDB) – GAZ L

ADOSA 1A
ADOSA – TR 198° (RDL 018 VIL VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB – TR 225° (QDR 225° VIL NDB) – GAZ L

MEL/MEA: ADOSA – RDL 018/10 NM VIL VORTAC: FL90, RDL 018/10 NM VIL VORTAC – VIL VORTAC: 6000FT, VIL VORTAC – VIL NDB – GAZ L: 3000FT

ADOSA 1C
ADOSA – TR 198° (RDL 018 VIL VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB

ADOSA 1C
ADOSA – TR 198° (RDL 018 VIL VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB

MEL/MEA: ADOSA – RDL 018/10 NM VIL VORTAC: FL90, RDL 018/10 NM VIL VORTAC – VIL VORTAC: 6000FT, VIL VORTAC – VIL NDB: 3000FT

ELTAR 1A
ELTAR – TR 181° (QDR 001° GAZ L) – GAZ L

ELTAR 1A
ELTAR – TR 181° (QDR 001° GAZ L) – GAZ L

MEL/MEA: ELTAR – INT QDR 001° GAZ L/RDL 258 VIC VOR: FL110, INT QDR 001° GAZ L/RDL 258 VIC VOR – INT QDR 001° GAZ L/RDL 270 VIL VOR: 6000FT, INT QDR 001° GAZ L/RDL 270 VIL VOR – GAZ L: 4000FT

ELTAR 1C (a discrezione ATC)
ELTAR – TR 139° (RDL 319 VIL VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB

ELTAR 1C (ATC discretion)
ELTAR – TR 139° (RDL 319 VIL VOR) – VIL VORTAC – TR 224° (RDL 224 VIL VOR) – VIL NDB

MEL/MEA: ELTAR – RDL 319/15 NM VIL VORTAC: FL90, RDL 319/15 NM VIL VORTAC – VIL VORTAC: 6000 FT, VIL VORTAC – VIL NDB: 3000FT

PAR 1A
PAR NDB – TR 029° (QDR 029° PAR NDB) – GAZ L

PAR 1A
PAR NDB – TR 029° (QDR 029° PAR NDB) – GAZ L

MEA: PAR NDB – INT QDR 029° PAR NBD/RDL 171 BSA VOR: 6000FT, INT QDR 029° PAR NBD/RDL 171 BSA VOR – GAZ L: 4000FT

PAR 1C
PAR NDB – TR 029° (QDR 029° PAR NDB) – GAZ L – TR 045° (QDR 045° GAZ L) – VIL NDB

PAR 1C
PAR NDB – TR 029° (QDR 029° PAR NDB) – GAZ L – TR 045° (QDR 045° GAZ L) – VIL NDB

MEA: PAR NDB – INT QDR 029° PAR NBD/RDL 171 BSA VOR: 6000FT, INT QDR 029° PAR NBD/RDL 171 BSA VOR – GAZ L: 4000FT, GAZ L – VIL NDB: 3000FT

BOA 2A (Vedere NOTA)
BOA VOR/DME – TR 322° (RDL 322 BOA VOR) – GAZ L

BOA 2A (See REMARK)
BOA VOR/DME – TR 322° (RDL 322 BOA VOR) – GAZ L

MEA: BOA VOR/DME – RDL 322/20 NM BOA VOR/DME: FL 100, RDL 322/20 NM BOA VOR/DME – GAZ L: 4000FT

NOTA: a discrezione ATC solamente nei seguenti orari: dal LUN al VEN, 0600-2300 (0500-2200), ad eccezione dei Festivi

REMARK: ATC discretion during following hours only: from MON to FRI, 0600-2300 (0500-2200), except Holidays

BOA 2B (Vedere NOTA)
BOA NDB – TR 325° (QDR 325° BOA NDB) – GAZ L

BOA 2B (See REMARK)
BOA NDB – TR 325° (QDR 325° BOA NDB) – GAZ L

MEA: BOA NDB – INT QDR 325° BOA NDB/QDR 090° PAR NDB: FL 100, INT QDR 325° BOA NDB/QDR 090° PAR NDB – GAZ L: 4000FT

NOTA: a discrezione ATC solamente nei seguenti orari: dal LUN al VEN, 0600-2300 (0500-2200), ad eccezione dei Festivi

REMARK: ATC discretion during following hours only: from MON to FRI, 0600-2300 (0500-2200), except Holidays

BOA 2C (Vedere NOTA)
BOA VOR/DME – TR 322° (RDL 322 BOA VOR) – GAZ L – TR 045° (QDR 045° GAZ L) – VIL NDB

BOA 2C (See REMARK)
BOA VOR/DME – TR 322° (RDL 322 BOA VOR) – GAZ L – TR 045° (QDR 045° GAZ L) – VIL NDB

MEA: BOA VOR/DME – RDL 322/20 NM BOA VOR/DME: FL 100, RDL 322/20 NM BOA VOR/DME – GAZ L: 4000FT, GAZ L – VIL NDB: 3000FT

NOTA: a discrezione ATC solamente nei seguenti orari: dal LUN al VEN, 0600-2300 (0500-2200), ad eccezione dei Festivi

REMARK: ATC discretion during following hours only: from MON to FRI, 0600-2300 (0500-2200), except Holidays

BOA 2D (Vedere NOTA)
BOA NDB – TR 325° (QDR 325° BOA NDB) – GAZ L – TR 045° (QDR 045° GAZ L) – VIL NDB

BOA 2D (See REMARK)
BOA NDB – TR 325° (QDR 325° BOA NDB) – GAZ L – TR 045° (QDR 045° GAZ L) – VIL NDB

MEA: BOA NDB – INT QDR 325° BOA NDB/QDR 090° PAR NDB: FL 100, INT QDR 325° BOA NDB/QDR 090° PAR NDB – GAZ L: 4000FT, GAZ L – VIL NDB: 3000FT

NOTA: a discrezione ATC solamente nei seguenti orari: dal LUN al VEN, 0600-2300 (0500-2200), ad eccezione dei Festivi

REMARK: ATC discretion during following hours only: from MON to FRI, 0600-2300 (0500-2200), except Holidays

FER 1A
FER NDB – TR 330° (QDR 330° FER NDB) fino al punto INT QDR 330° FER NDB/QDR 095°GAZ L, quindi virare a sinistra fino a intercettare e seguire QDR 092° GAZ L (TR 272°) per GAZ L

FER 1A
FER NDB – TR 330° (QDR 330° FER NDB) until point INT QDR 330° FER NDB/QDR 095°GAZ L, then turn left until joining QDR 092° GAZ L (TR 272°) bound to GAZ L

MEA: FER NDB – INT QDR 092° GAZ L/RDL 140 VIL VOR: 6000FT, INT QDR 092° GAZ L/RDL 140 VIL VOR – GAZ L: 4000FT

FER 1C
FER NDB – TR 330° (QDR 330° FER NDB) fino al punto INT QDR 330° FER NDB/QDR 095°GAZ L, quindi virare a sinistra fino a intercettare e seguire QDR 092° GAZ L (TR 272°) per GAZ L, da lasciare su TR 045° (QDR 045° GAZ L) per VIL NDB

FER 1C
FER NDB – TR 330° (QDR 330° FER NDB) until point INT QDR 330° FER NDB/QDR 095°GAZ L, then turn left until joining QDR 092° GAZ L (TR 272°) bound to GAZ L, to be left on TR 045° (QDR 045° GAZ L) bound to VIL NDB

MEA: FER NDB – INT QDR 092° GAZ L/RDL 140 VIL VOR: 6000FT, INT QDR 092° GAZ L/RDL 140 VIL VOR – GAZ L: 4000FT, GAZ L – VIL NDB: 3000FT

OSTEG 1A
OSTEG – TR 272° (QDR 092° GAZ L) – GAZ L

OSTEG 1A
OSTEG – TR 272° (QDR 092° GAZ L) – GAZ L

MEA: OSTEG – GAZ L 4000FT

OSTEG 1C
OSTEG – TR 272° (QDR 092° GAZ L) – GAZ L – TR 045° (QDR 045° GAZ L) – VIL NDB

OSTEG 1C
OSTEG – TR 272° (QDR 092° GAZ L) – GAZ L – TR 045° (QDR 045° GAZ L) – VIL NDB

MEA: OSTEG – GAZ L 4000FT, GAZ L – VIL NDB: 3000FT

FREQUENCIES		
Villafranca	GND	121.750
	TWR	118.650
Garda	APP	135.900
		124.250
		118.550

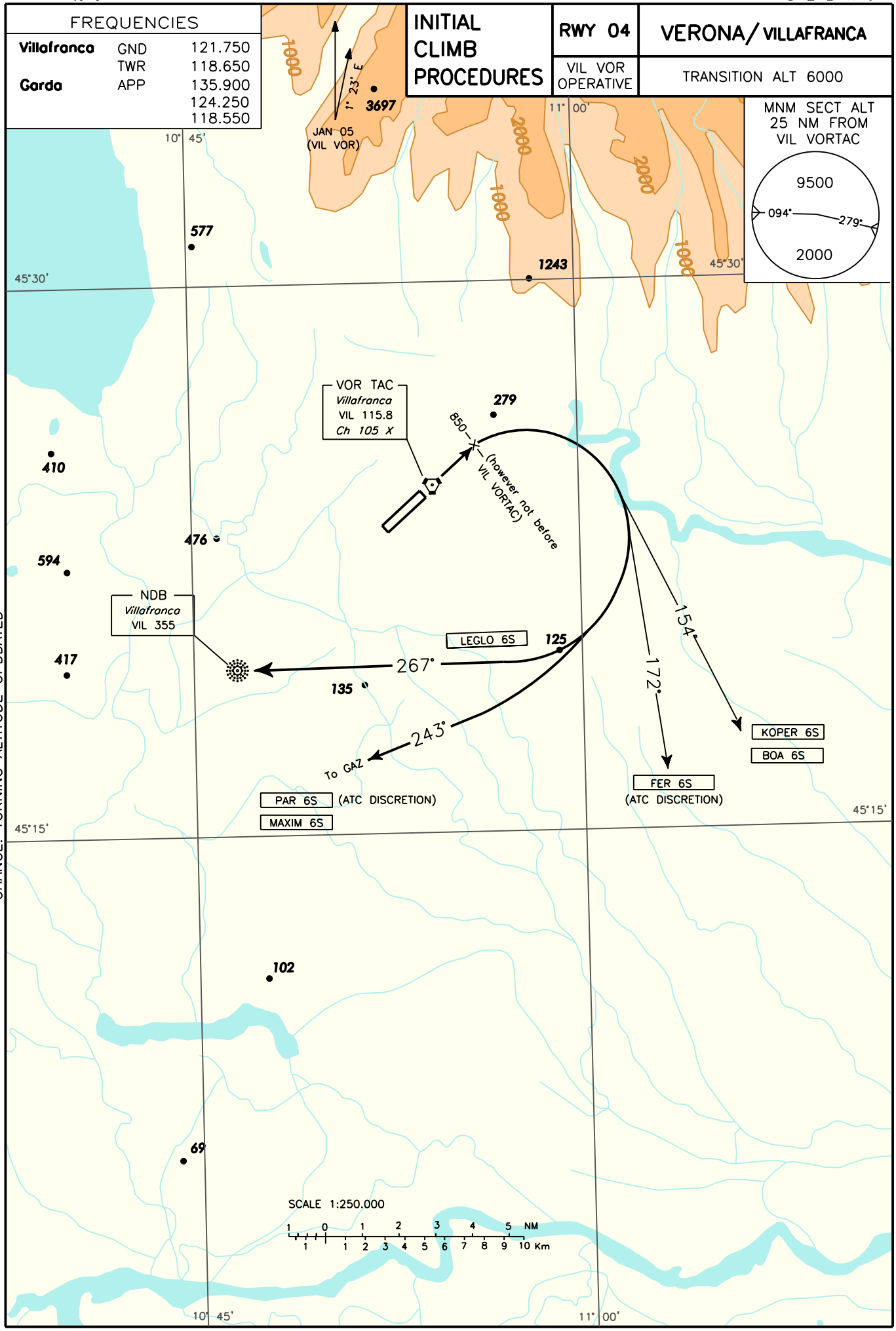
INITIAL CLIMB PROCEDURES

RWY 04

VIL VOR OPERATIVE

VERONA/ VILLAFRANCA

TRANSITION ALT 6000



CHANGE: TURNING ALTITUDE UPDDATED

PROCEDURE DI SALITA INIZIALE RWY 04

Dopo il decollo procedere prua pista ed attraversando 850FT (comunque non prima di VIL VORTAC) virare a destra per inserirsi nella SID assegnata.
Gradiente minimo di salita: 304 FT/NM (5%) fino ad attraversare FL85 a causa di ostacoli e per motivi ATC.

NOTE

a) Impostare un rateo di salita durante il decollo che consenta il sorvolo della THR22 65FT al di sopra dell'elevazione di THR
b) Tutte le virate dopo il decollo debbono essere eseguite secondo i seguenti parametri:
 - IAS massima 250KT e angolo di banco 20°, o
 - raggio di virata 1.3°/sec
c) I gradienti di salita non prendono in considerazione ostacoli nella "close-in-area" di altezza inferiore a 60M (200FT), comprensiva del MOC, sull'elevazione della DER.

INITIAL CLIMB PROCEDURES RWY 04

After take–off proceed runway heading and passing 850FT (however not before VIL VORTAC) turn right to join the assigned SID.
Minimum climb gradient: 304 FT/NM (5%) until passing FL85 due to obstacles and ATC reasons.

REMARKS

a) Adjust take off climb rate in order to cross THR22 at 65FT above THR elevation

b) All turns after take-off shall be performed according to the following parameters:
 - IAS MAX 250KT and bank angle 20°, or
 - rate of turn 1.3°/sec
c) Initial climb gradients do not take into account "close-in" obstacles lower than 60M (200FT), MOC included, above DER elevation.

SID

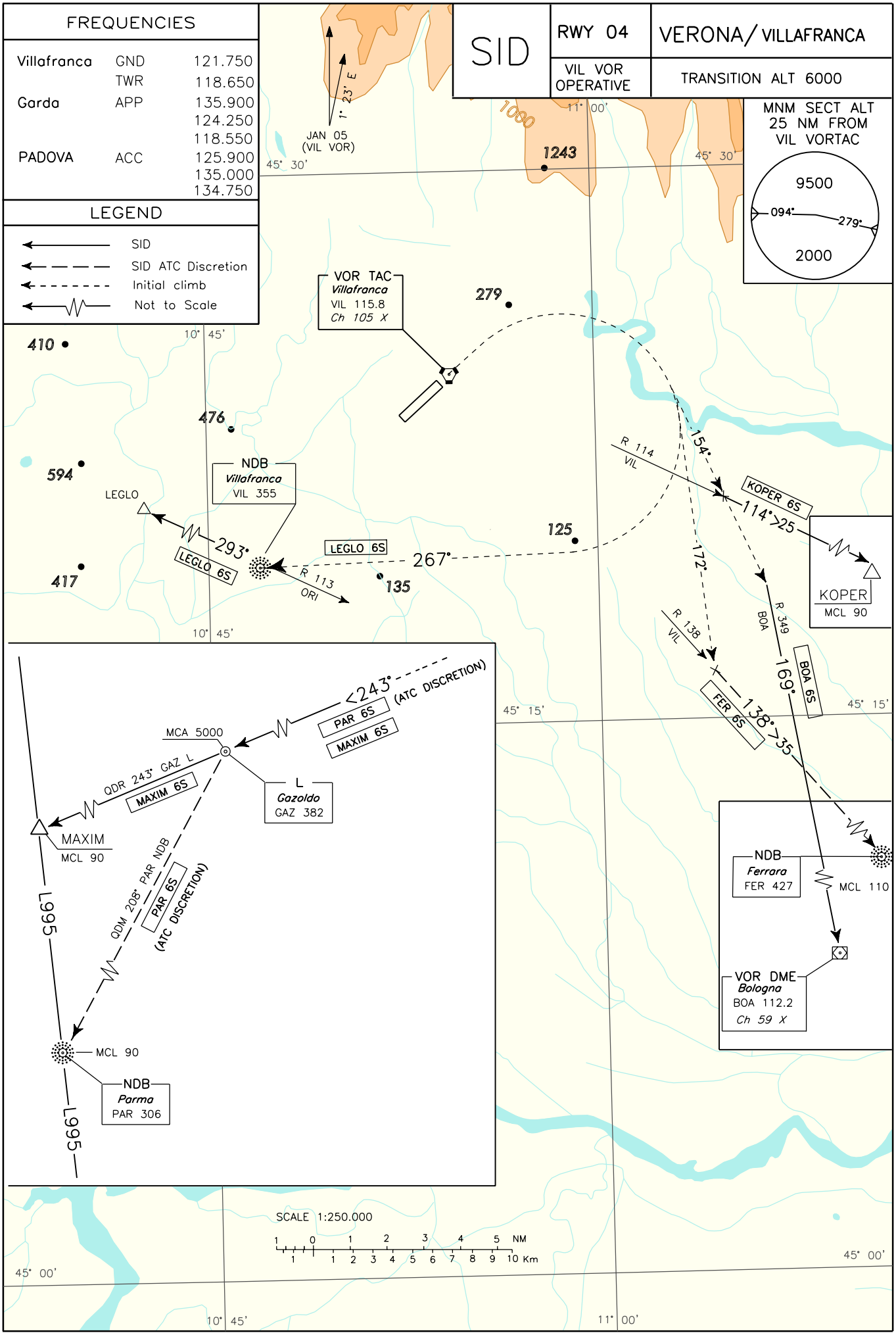
RWY 04	VERONA/VILLAFRANCA
VIL VOR OPERATIVE	TRANSITION ALT 6000

FREQUENCIES

Villafranca	GND	121.750
	TWR	118.650
Garda	APP	135.900
		124.250
		118.550
PADOVA	ACC	125.900
		135.000
		134.750

LEGEND

- SID
- SID ATC Discretion
- Initial climb
- Not to Scale



CHANGE: NEW AD SECTION

DESCRIZIONE SID

Eseguita la procedura di salita iniziale:

KOPER 6S
Procedere su rotta 154° fino ad intercettare e seguire RDL 114 VIL VOR per il punto KOPER.

SID DESCRIPTION

Initial climb procedure executed:

KOPER 6S
Proceed on TR 154° unti joining RDL 114 VIL VOR bound to KOPER point.

MCL: KOPER FL 90

FER 6S (a discrezione ATC)
Procedere su rotta 172° fino ad intercettare e seguire RDL 138 VIL VOR per FER NDB.

FER 6S (ATC discretion)
Proceed on TR 172° unti joining RDL 138 VIL VOR bound to FER NDB.

MCL: FER NDB FL 110.

BOA 6S
Procedere su rotta 154° fino ad intercettare e seguire RDL 349 BOA VOR per BOA VOR.

BOA 6S
Proceed on TR 154° unti joining RDL 349 BOA VOR bound to BOA VOR.

LEGLO 6S
Procedere su rotta 267° per VIL NDB da lasciare su QDR 293° VIL NDB (RDL 113 ORI VOR) per il punto LEGLO.

LEGLO 6S
Proceed on TR 267° bound to VIL NDB to be left on QDR 293° (RDL 113 ORI VOR) bound to LEGLO point.

PAR 6S (a discrezione ATC)
Procedere su rotta 243° per GAZ L da lasciare su QDR 028° PAR NDB per PAR NDB.

PAR 6S (ATC discretion)
Proceed on TR 243° bound to GAZ L to be left on QDR 028° PAR NDB bound to PAR NDB.

MCA/MCL: GAZ L 5000FT; PAR NDB FL 90

MAXIM 6S
Procedere su rotta 243° per GAZ L da lasciare su QDR 243° GAZ L per il punto MAXIM.

MAXIM 6S
Proceed on TR 243° bound to GAZ L to be left on QDR 243° GAZ L bound to MAXIM point.

MCA/MCL: GAZ L 5000FT; MAXIM FL 90

FREQUENCIES		
Villafranca	GND	121.750
	TWR	116.650
GARDA	APP	135.900
		124.250
		118.550

LEGEND

Not to Scale

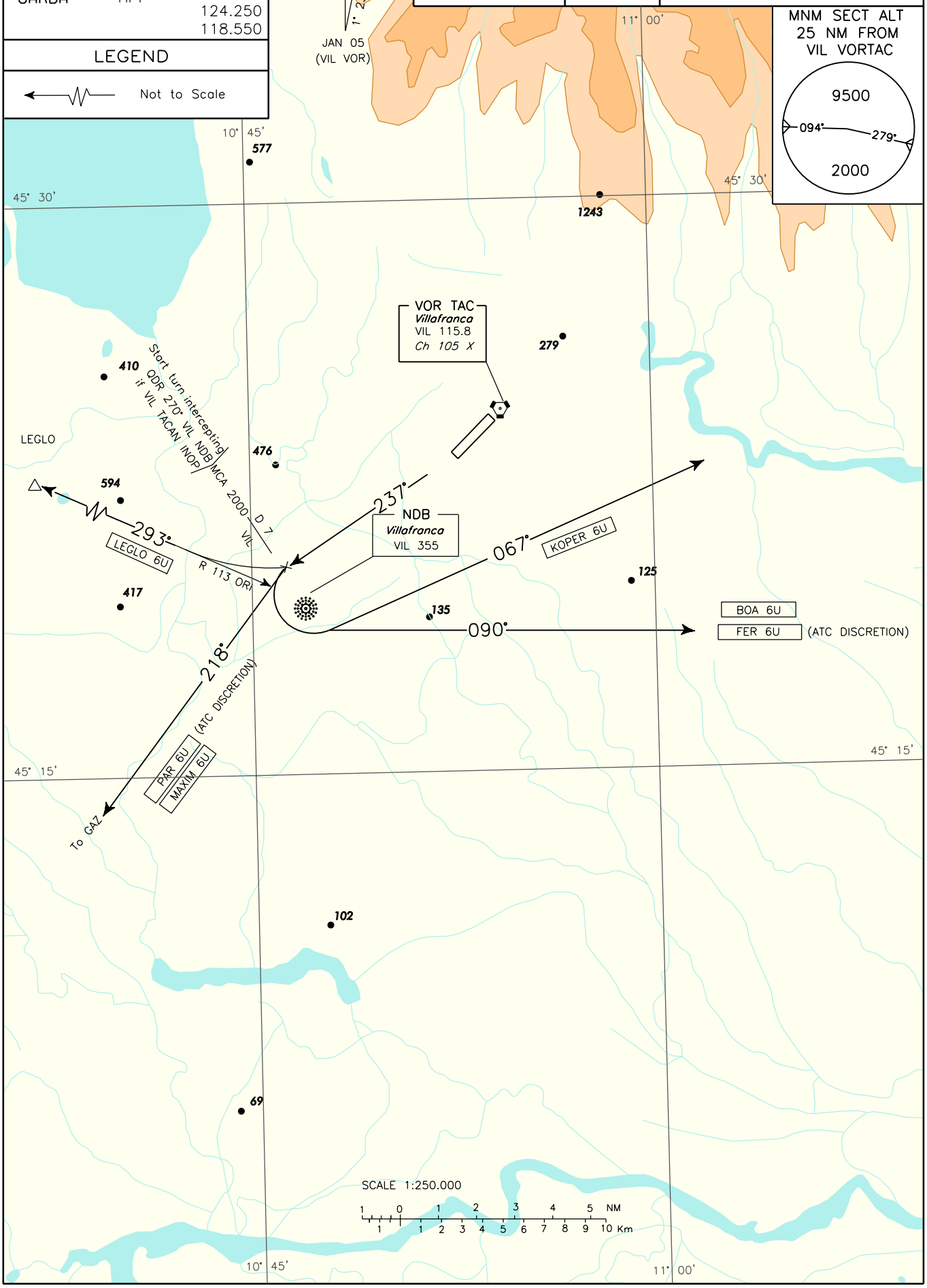
INITIAL CLIMB PROCEDURES

RWY 22

VIL VOR OPERATIVE

VERONA/ VILLAFRANCA

TRANSITION ALT 6000



CHANGE: NEW AD SECTION

PROCEDURE DI SALITA INIZIALE RWY22

Dopo il decollo procedere su rotta 237° fino a 7NM VIL TACAN (oppure INT QDR 270° VIL NDB se VIL TACAN non è disponibile) da attraversare a 2000FT o al di sopra, quindi virare a sinistra/destra per inserirsi nella SID assegnata.
Gradiente minimo di salita: 280 FT/NM (4.6%) fino ad attraversare FL85 a causa di ostacoli e per motivi ATC.

NOTE

a) Tutte le virate dopo il decollo debbono essere eseguite secondo i seguenti parametri:
 - IAS massima 250KT e angolo di banco 20°, o
 - raggio di virata 1.3°/sec
b) I gradienti di salita non prendono in considerazione ostacoli nella “close-in-area” di altezza inferiore a 60M (200FT), comprensiva del MOC, sull’elevazione della DER.

INITIAL CLIMB PROCEDURES RWY22

After take-off proceed on track 237° until 7NM VIL TACAN (or INT QDR 270° VIL NDB if VIL TACAN is not available) to be crossed at 2000FT or above, then turn left/right to join the assigned SID.

Minimum climb gradient: 280 FT/NM (4.6%) until passing FL85 due to obstacles and ATC reasons.

REMARKS

a) All turns after take-off shall be performed according to the following parameters:
 - IAS MAX 250KT and bank angle 20°, or
 - rate of turn 1.3°/sec
b) Initial climb gradients do not take into account “close-in” obstacles lower than 60M (200FT), MOC included, above DER elevation.

SID

RWY 22

VIL VOR OPERATIVE

VERONA/ VILLAFRANCA

TRANSITION ALT 6000

FREQUENCIES		
Villafranca	GND	121.750
	TWR	118.650
Garda	APP	135.900
		124.250
		118.550
PADOVA	ACC	125.900
		135.000
		134.750

LEGEND

- SID
- SID ATC Discretion
- Initial climb
- Not to Scale

MNM SECT ALT 25 NM FROM VIL VORTAC

9500

094° 279°

2000

JAN 05 (VIL VOR) 1° 23' E

VOR TAC
Villafranca
VIL 115.8
Ch 105 X

INT QDR 270° VIL NDB if VIL TACAN INOP MCA 2000 D 7 VIL

LEGLO 6U 293° R 113 ORI

NDB
Villafranca
VIL 355

237°

067°

R 114 VIL

114° > 25

KOPER 6U

KOPER
MCL 90

R 138 R 141 VIL

138°

R 349 BOA

169°

NDB
Ferrara
FER 427

MCL 110

BOA 6U

VOR DME
Bologna
BOA 112.4
Ch 59 X

090°

FER 6U

MAXIM 6U PAR 6U (ATC DISCR.) 218° D 7 VIL MCA 2000

MCA 5000

GAZ L

QDR 243° MAXIM 6U

L
Gazoldo
GAZ 382

MAXIM
MCL 90

PAR NDB QDM 208° PAR 6U (ATC DISCRETION)

L995

MCL 90

NDB
Parma
PAR 306

L995

SCALE 1:250.000

1 0 1 2 3 4 5 NM

1 1 2 3 4 5 6 7 8 9 10 Km

CHANGE: NEW AD SECTION

DESCRIZIONE SID
Eseguita la procedura di salita iniziale:

LEGLO 6U
Virare a destra fino ad intercettare e seguire QDR 293° VIL NDB (RDL 113 ORI VOR) per il punto LEGLO.

FER 6U (a discrezione ATC)
Virare a sinistra su rotta 090° fino ad intercettare e seguire RDL 138 VIL VOR (QDR 318° FER NDB) per FER NDB.

SID DESCRIPTION
Initial climb procedure executed:

LEGLO 6U
Turn right until joining QDR 293° VIL NDB (RDL 113 ORI VOR) bound to LEGLO point.

FER 6U (ATC discretion)
Turn left on TR 090° until joining RDL 138 VIL VOR (QDR 318° FER NDB) bound to FER NDB.

MCL: FER NDB FL 110.

BOA 6U
Virare a sinistra su rotta 090°, quindi intercettando RDL 141 VIL VOR virare a destra fino ad intercettare e seguire RDL 349 BOA VOR (TR 169°) per BOA VOR/DME.

PAR 6U (a discrezione ATC)
Virare a sinistra su rotta 218° per GAZ L da lasciare su QDR 028° PAR NDB per PAR NDB.

BOA 6U
Turn left on TR 090°, then intercepting RDL 141 VIL VOR turn right until joining RDL 349 BOA VOR (TR 169°) bound to BOA VOR/DME.

PAR 6U (ATC discretion)
Turn left on TR 218° bound to GAZ L to be left on QDR 028° PAR NDB bound to PAR NDB.

MCA/MCL: GAZ L 5000FT; PAR NDB FL 90.

MAXIM 6U
Virare a sinistra su rotta 218° per GAZ L da lasciare su QDR 243° GAZ L per il punto MAXIM.

MAXIM 6U
Turn left on TR 218° bound to GAZ L to be left on QDR 243° GAZ L bound to MAXIM point.

MCA/MCL: GAZ L 5000FT; MAXIM FL 90.

KOPER 6U
Virare a sinistra su rotta 067° fino ad intercettare e seguire RDL 114 VIL VOR per il punto KOPER.

KOPER 6U
Turn left on TR 067° until joining RDL 114 VIL VOR bound to KOPER point.

MCL: KOPER FL 90.

FREQUENCIES		
Villafranca	GND	121.750
	TWR	118.650
Garda	APP	135.900
		124.250
		118.550

LEGEND

Not to Scale

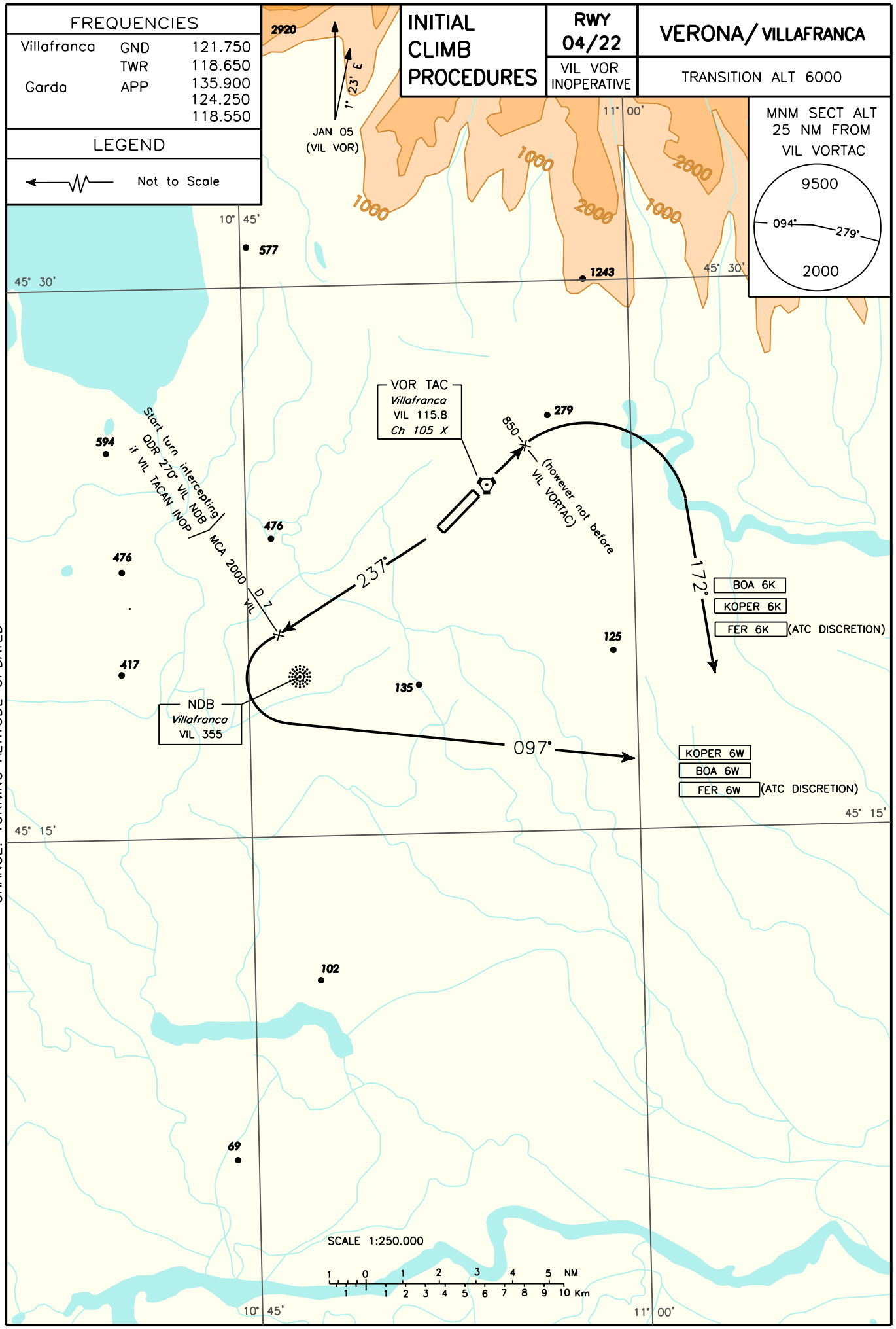
INITIAL CLIMB PROCEDURES

RWY 04/22

VIL VOR INOPERATIVE

VERONA/ VILLAFRANCA

TRANSITION ALT 6000



CHANGE: TURNING ALTITUDE UPDATED

PROCEDURE DI SALITA INIZIALE RWY 04/22 (VOR NON OPERATIVO)

RWY 04
Dopo il decollo procedere prua pista ed attraversando 850FT (comunque non prima di VIL VORTAC) virare a destra su rotta 172° per inserirsi nella SID assegnata.
Gradiente minimo di salita: 304 FT/NM (5%) fino ad attraversare FL85 a causa di ostacoli e per motivi ATC.

NOTE

a) Impostare un rateo di salita durante il decollo che consenta il sorvolo della THR22 65FT al di sopra dell'elevazione di THR
b) Tutte le virate dopo il decollo debbono essere eseguite secondo i seguenti parametri:
 - IAS massima 250KT e angolo di banco 20°, o
 - raggio di virata 1.3°/sec
c) I gradienti di salita non prendono in considerazione ostacoli nella "close-in-area" di altezza inferiore a 60M (200FT), comprensiva del MOC, sull'elevazione della DER.

RWY 22
Dopo il decollo procedere su rotta 237° fino a 7 NM VIL TACAN (oppure INT QDR 270° VIL NDB se VIL TACAN non è disponibile), da attraversare a 2000FT o al di sopra, quindi virare a sinistra su rotta 097° per inserirsi nella SID assegnata.
Gradiente minimo di salita: 280 FT/NM (4.6%) fino ad attraversare FL85 a causa di ostacoli e per motivi ATC.

NOTE

a) Tutte le virate dopo il decollo debbono essere eseguite secondo i seguenti parametri:
 - IAS massima 250KT e angolo di banco 20°, o
 - raggio di virata 1.3°/sec
b) I gradienti di salita non prendono in considerazione ostacoli nella "close-in-area" di altezza inferiore a 60M (200FT), comprensiva del MOC, sull'elevazione della DER.

INITIAL CLIMB PROCEDURES RWY 04/22 (VOR INOPERATIVE)

RWY 04
After take-off proceed runway heading and passing 850FT (however not before VIL VORTAC) turn right on track 172° to join the assigned SID.
Minimum climb gradient: 304 FT/NM (5%) until passing FL85 due to obstacles and ATC reasons.

REMARKS

a) Adjust take off climb rate in order to cross THR22 at 65FT above THR elevation

b) All turns after take-off shall be performed according to the following parameters:
 - IAS MAX 250KT and bank angle 20°, or
 - rate of turn 1.3°/sec
c) Initial climb gradients do not take into account "close-in" obstacles lower than 60M (200FT), MOC included, above DER elevation.

RWY22
After take-off proceed on track 237° until 7 NM VIL TACAN (or INT QDR 270° VIL NDB if VIL TACAN is not available) to be crossed at 2000FT or above, then turn left on track 097° to join the assigned SID.

Minimum climb gradient: 280 FT/NM (4.6%) until passing FL85 due to obstacles and ATC reasons.

REMARKS

a) All turns after take-off shall be performed according to the following parameters:
 - IAS MAX 250KT and bank angle 20°, or
 - rate of turn 1.3°/sec
b) Initial climb gradients do not take into account "close-in" obstacles lower than 60M (200FT), MOC included, above DER elevation.

SID

RWY 04/22

VIL VOR INOPERATIVE

VERONA/ VILLAFRANCA

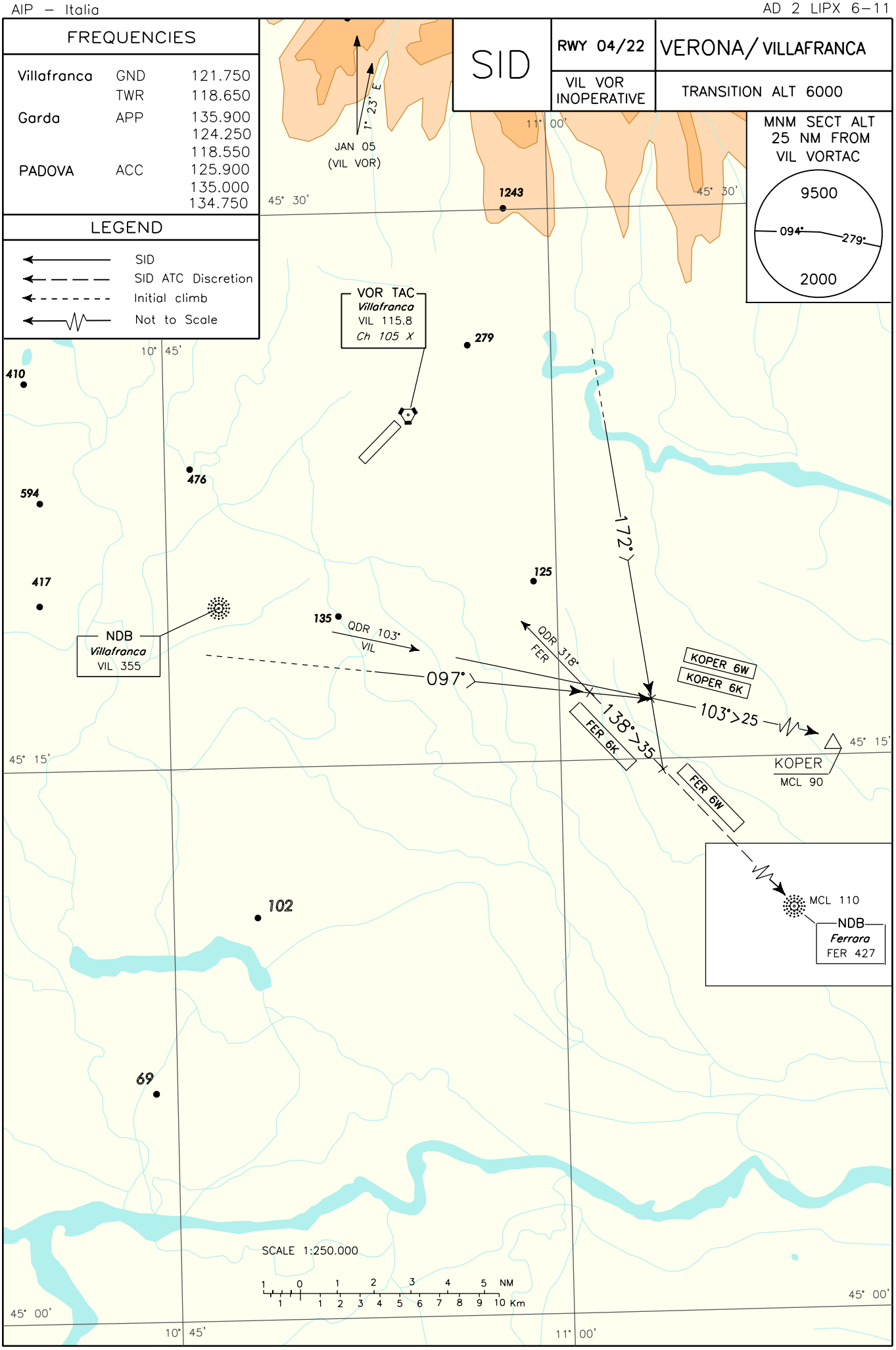
TRANSITION ALT 6000

FREQUENCIES

Villafranca	GND	121.750
	TWR	118.650
Garda	APP	135.900
		124.250
		118.550
PADOVA	ACC	125.900
		135.000
		134.750

LEGEND

- SID
- SID ATC Discretion
- Initial climb
- Not to Scale



CHANGE: NEW AD SECTION

DESCRIZIONE SID
Eseguita la procedura di salita iniziale:

KOPER 6K
Procedere su rotta 172° fino ad intercettare e seguire QDR 103° VIL NDB per il punto KOPER.

SID DESRIPTION
Initial climb procedure executed:

KOPER 6K
Proceed on TR 172° until joining QDR 103° VIL NDB bound to KOPER point.

MCL: KOPER FL 90

KOPER 6W
Procedere su rotta 097° fino ad intercettare e seguire QDR 103° VIL NDB per il punto KOPER.

KOPER 6W
Proceed on TR 097° until joining QDR 103° VIL NDB bound to KOPER point.

MCL: KOPER FL 90

FER 6K (a discrezione ATC)
Procedere su rotta 172° fino ad intercettare e seguire QDR 318° FER NDB (TR 138°) per FER NDB.

FER 6K (ATC discretion)
Proceed on TR 172° until joining QDR 318° FER NDB (TR 138°) bound to FER NDB.

MCL : FER NDB FL 110

FER 6W (a discrezione ATC)
Procedere su rotta 097° fino ad intercettare e seguire QDR 318° FER NDB (TR 138°) per FER NDB.

FER 6W (ATC discretion)
Proceed on TR 097° until joining QDR 318° FER NDB (TR 138°) bound to FER NDB.

MCL : FER NDB FL 110

SID

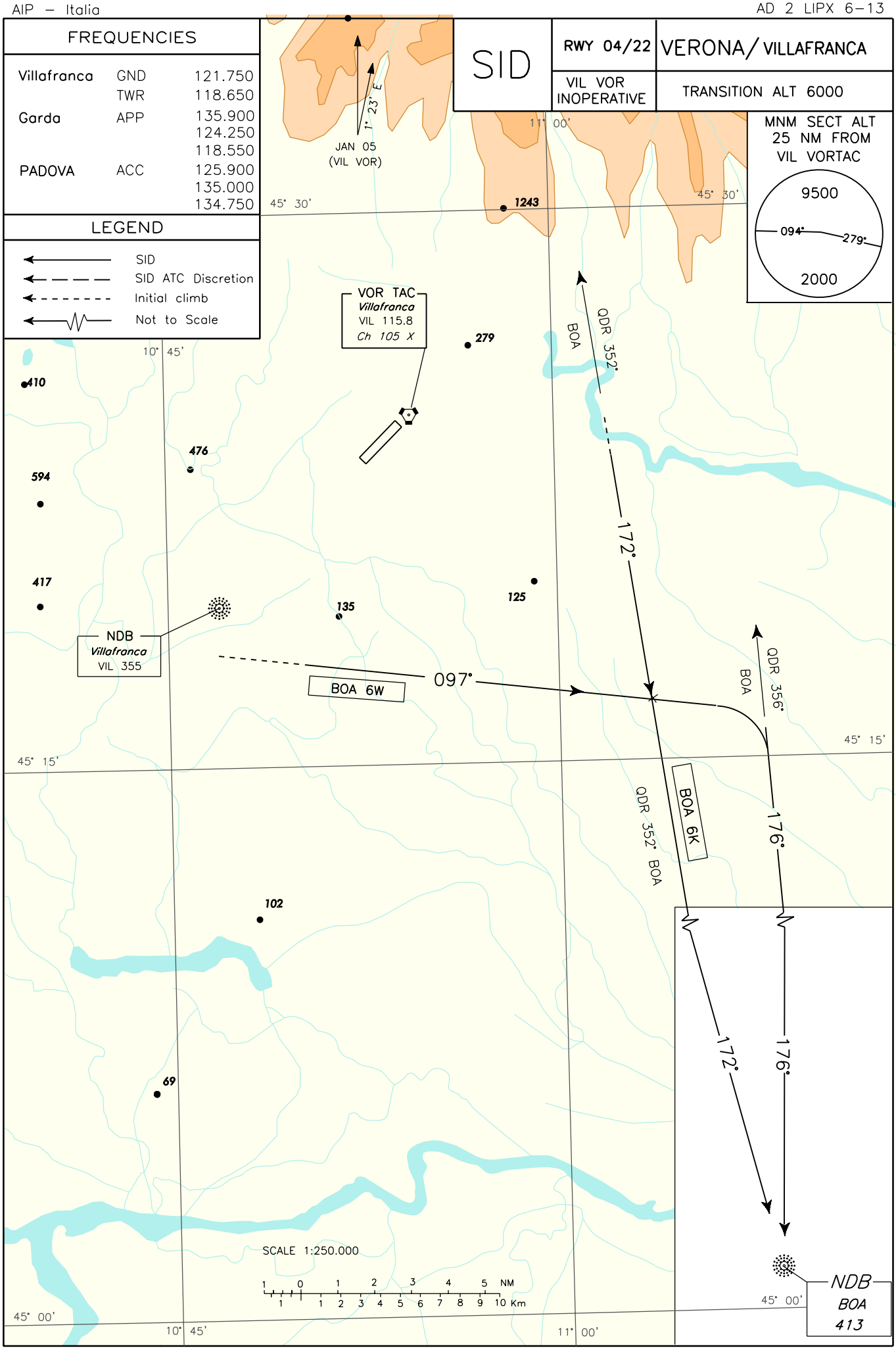
RWY 04/22	VERONA/ VILLAFRANCA
VIL VOR INOPERATIVE	TRANSITION ALT 6000

FREQUENCIES

Villafranca	GND	121.750
	TWR	118.650
Garda	APP	135.900
		124.250
		118.550
PADOVA	ACC	125.900
		135.000
		134.750

LEGEND

- SID
- SID ATC Discretion
- Initial climb
- Not to Scale



CHANGE: NEW AD SECTION

DESCRIZIONE SID
Eseguita la procedura di salita iniziale:

BOA 6K
Procedere su rotta 172° (QDR 352° BOA NDB) per BOA NDB.

BOA 6W
Procedere su rotta 097° fino ad intercettare QDR 352° BOA NDB, quindi virare a destra fino ad intercettare e seguire QDR 356° BOA NDB (TR 176°) per BOA NDB.

SID DESCRIPTION
Initial climb procedure executed:

BOA 6K
Proceed on track TR 172° (QDR 352° BOA NDB) bound to BOA NDB.

BOA 6K
Proceed on track TR 097° until intercepting QDR 352° BOA NDB, then turn right until joining QDR 356° BOA NDB (TR 176°) bound to BOA NDB.

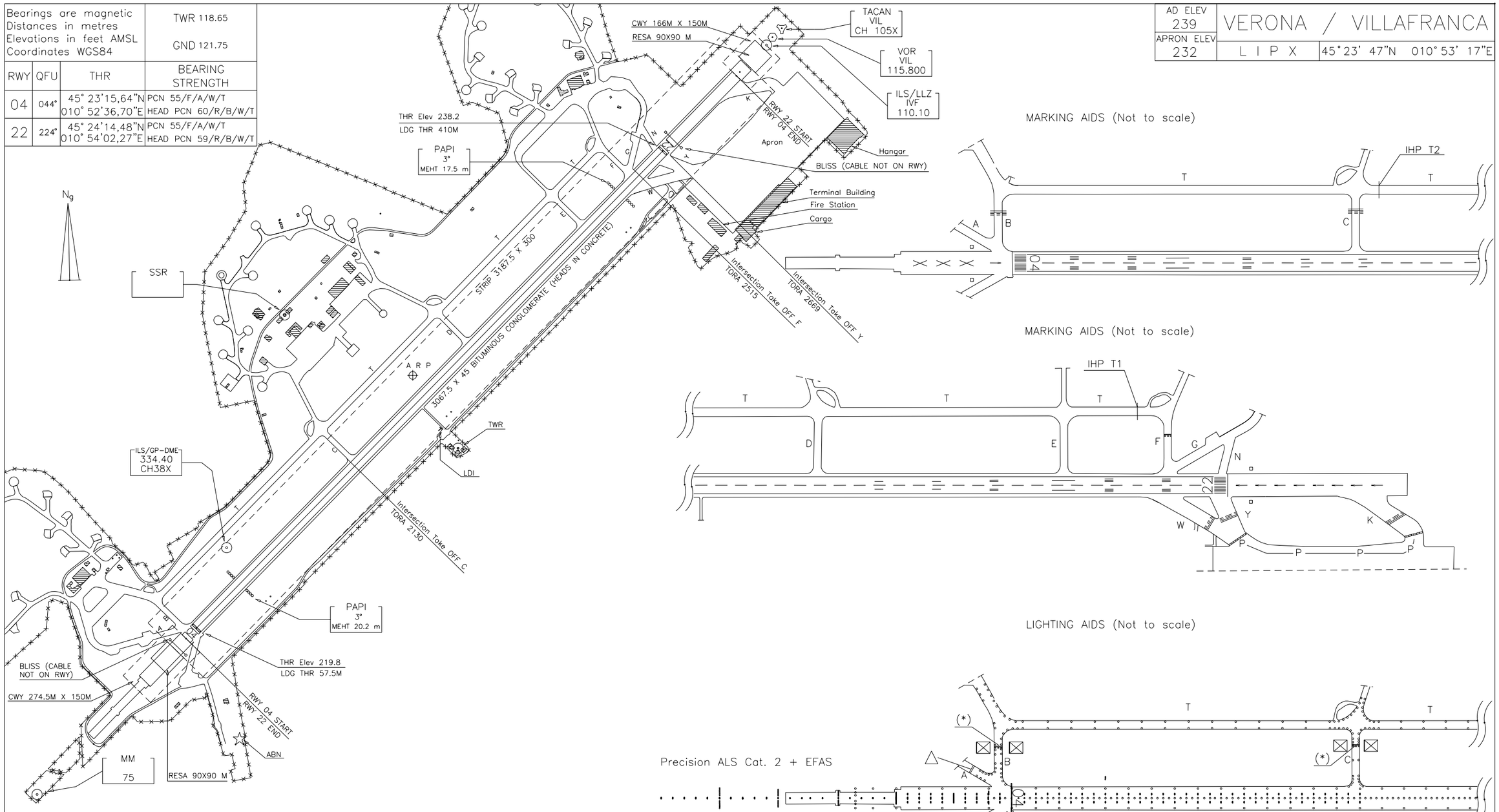
Bearings are magnetic
Distances in metres
Elevations in feet AMSL
Coordinates WGS84

TWR 118.65

GND 121.75

RWY	QFU	THR	BEARING STRENGTH
04	044°	45° 23'15,64"N 010° 52'36,70"E	PCN 55/F/A/W/T HEAD PCN 60/R/B/W/T
22	224°	45° 24'14,48"N 010° 54'02,27"E	PCN 55/F/A/W/T HEAD PCN 59/R/B/W/T

AD ELEV	VERONA / VILLAFRANCA	
239		
APRON ELEV 232	L I P X	45° 23' 47"N 010° 53' 17"E



IDENT	WIDTH	SURFACE	BEARING STRENGTH
A	NIL	Asphalt Concrete	NIL
B	20	Asphalt Concrete	PCN82/F/B/W/T PCN37/R/B/W/T
C	23	Asphalt	PCN81/F/A/W/U
D	NIL	Asphalt	PCN87/F/A/W/T
E	NIL	Asphalt	PCN81/F/A/W/T
F	20	Asphalt Concrete	PCN76/F/A/W/T PCN34/R/B/W/T
G	NIL	Asphalt Concrete	NIL
N	NIL	Asphalt Concrete	NIL
T	18	Asphalt	PCN84/F/A/W/T
W	22	Asphalt	PCN60/F/B/W/T
Y	30	Asphalt	PCN100/F/A/W/T
K	28	Asphalt	PCN66/F/A/W/T
Apron	–	Concrete	PCN77/R/B/W/T

⊠ GUARD LIGHT

(*) STOP BAR

△ RED FIXED LIGHT

Ng
Nm
1° E (2005.0)
(Annual rate of change: 5' E)

SCALE
150 0 250 500 Metres
500 0 500 1000 1500 Feet

AIRCRAFT PARKING DOCKING CHART

Bearings are magnetic Distances in metres Elevation in FT AMSL Coordinates WGS84	TWR 118.65	AD ELEV 239 APRON ELEV 232	VERONA / VILLAFRANCA L I P X 45°23'47" N 010°53'17" E

APRON	
Lighting	Bearing strength
	Strenght: LCN 90

VAR 1° E – 2005,0

Annual rate of change 5'E

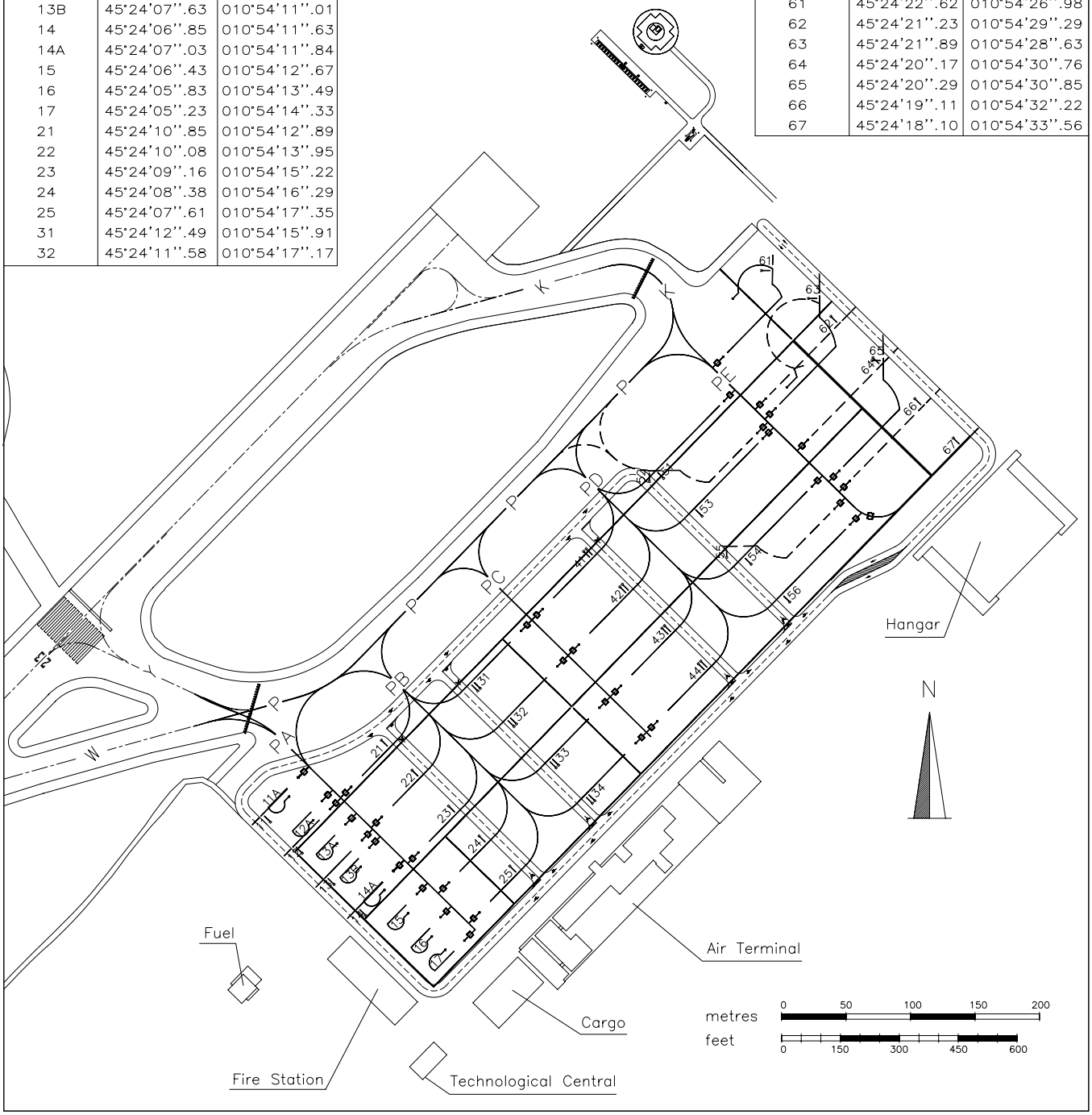
POINTS ON PARKING AREA

STANDS	N	E
11	45°24'09".27	010°54'08".29
11A	45°24'09".44	010°54'08".52
12	45°24'08".46	010°54'09".42
12A	45°24'08".83	010°54'09".36
13	45°24'07".65	010°54'10".53
13A	45°24'08".23	010°54'10".19
13B	45°24'07".63	010°54'11".01
14	45°24'06".85	010°54'11".63
14A	45°24'07".03	010°54'11".84
15	45°24'06".43	010°54'12".67
16	45°24'05".83	010°54'13".49
17	45°24'05".23	010°54'14".33
21	45°24'10".85	010°54'12".89
22	45°24'10".08	010°54'13".95
23	45°24'09".16	010°54'15".22
24	45°24'08".38	010°54'16".29
25	45°24'07".61	010°54'17".35
31	45°24'12".49	010°54'15".91
32	45°24'11".58	010°54'17".17

POINTS ON PARKING AREA

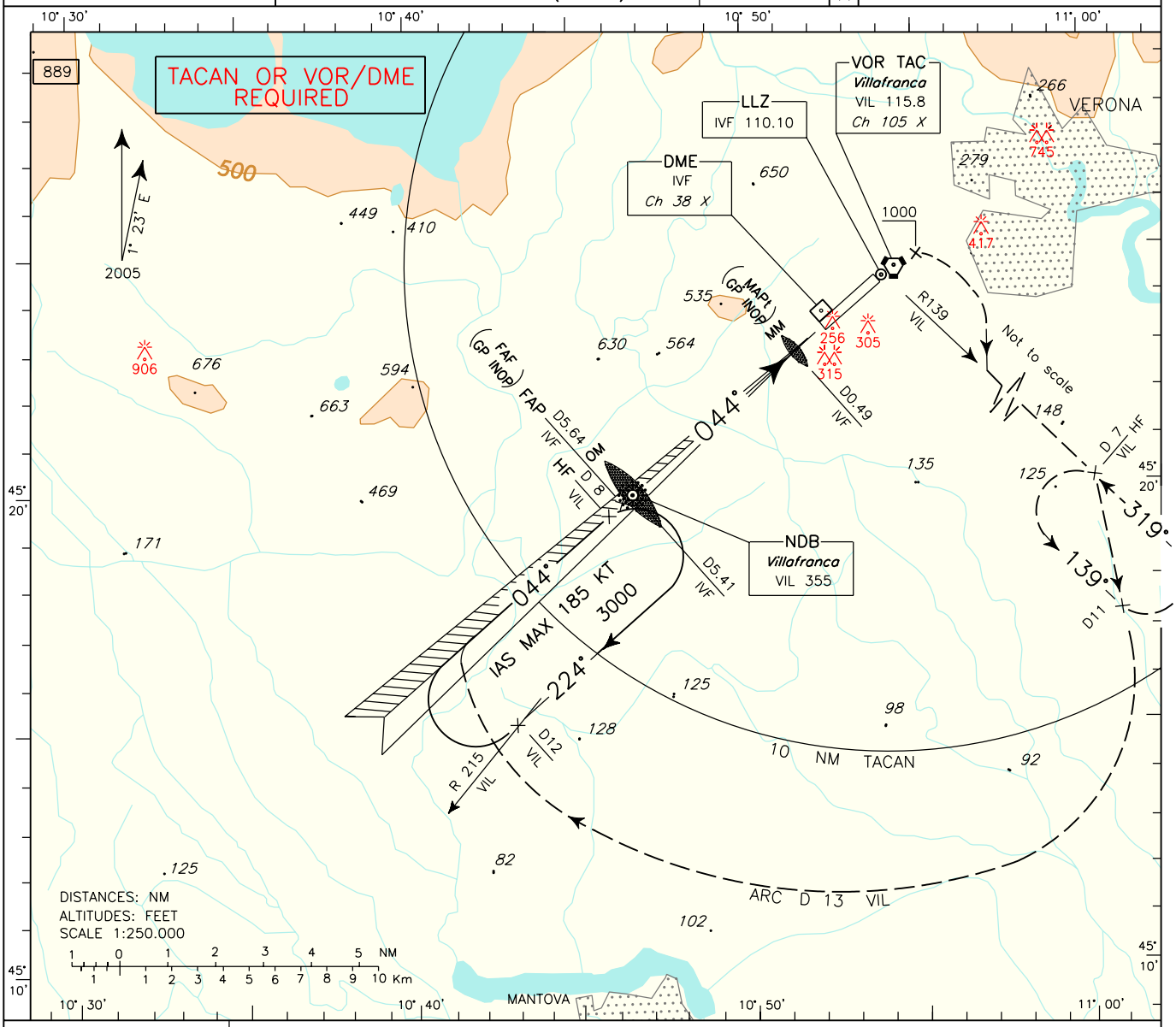
STANDS	N	E
33	45°24'10".51	010°54'18".64
34	45°24'09".60	010°54'19".90
41	45°24'15".48	010°54'20".27
42	45°24'14".57	010°54'21".52
43	45°24'13".50	010°54'22".99
44	45°24'12".58	010°54'24".26
51	45°24'17".66	010°54'22".64
52	45°24'17".67	010°54'22".40
53	45°24'16".69	010°54'23".98
54	45°24'15".45	010°54'25".69
55	45°24'15".69	010°54'25".09
56	45°24'14".48	010°54'27".03
61	45°24'22".62	010°54'26".98
62	45°24'21".23	010°54'29".29
63	45°24'21".89	010°54'28".63
64	45°24'20".17	010°54'30".76
65	45°24'20".29	010°54'30".85
66	45°24'19".11	010°54'32".22
67	45°24'18".10	010°54'33".56

CHANGE: Updated chart



Data provided by DA Verona

APP	TWR	AD ELEV	LIPX	VERONA/VILLAFRANCA
Garda Approach 135.900 124.250 118.550	Villafranca Tower 118.650 Villafranca Ground (121.750)	239		ILS — Z RWY 04

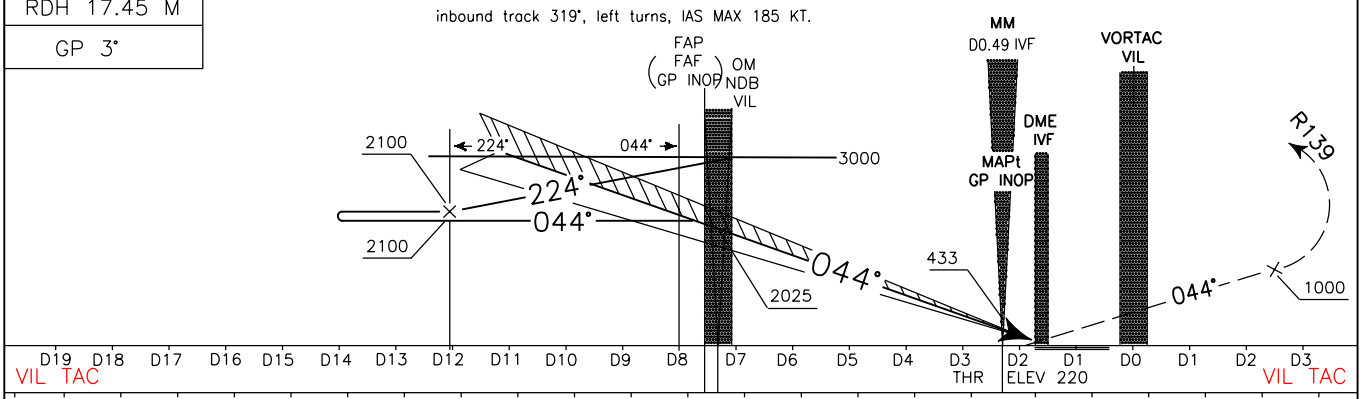


TRANSITION ALT 6000

RDH 17.45 M

GP 3°

MISSED APPROACH: At MAPt maintain final track and climb to 3000 Ft AMSL. Crossing 1000 ft turn right to join RDL 139 VIL VORTAC direct to M.A. holding pattern. Hold on RDL 139 VIL VORTAC at 3000 Ft between 7 NM and 11 NM VIL DME; inbound track 319°, left turns, IAS MAX 185 KT.

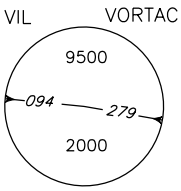


OCA (OCH)		A	B	C	D
STRAIGHT IN APPROACH	ILS CAT I	420 (200)			
	ILS CAT II	320 (100)		328 (108)	342 (122)
	ILS CAT III	257 (37)			
	LLZ	550 (330)			
CIRCLING		800 (570)			

REMARK: Circling only South East of the RWY.

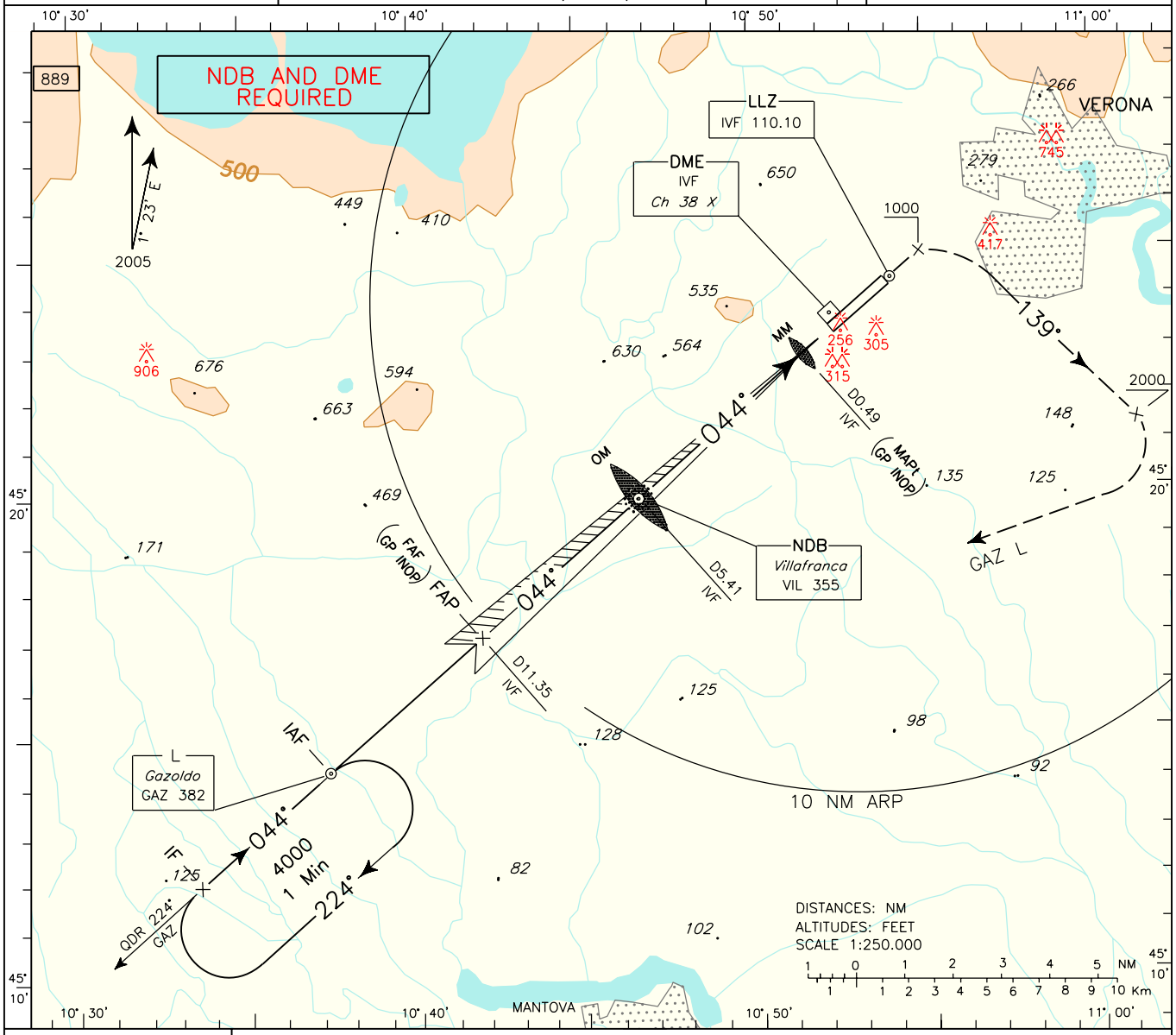
FT PER MIN	GS	DIST	ALT (HGT)
425	80	5 DME	1900(1670)
531	100	4 DME	1570(1350)
637	120	3 DME	1250(1020)
743	140	2 DME	920 (700)
849	160	1 DME	600 (380)
955	180		

MNM SECT ALT
VIL VORTAC



DOC.8168-ED.4-1993
CHANGE: NEW AD SECTION

REMARK: Circling only South East of the RWY.	APP Garda Approach 135.900 124.250 118.550	TWR Villafranca Tower 118.650 Villafranca Ground (121.750)	AD ELEV 239	LIPX	VERONA/VILLAFRANCA ILS – Y RWY 04

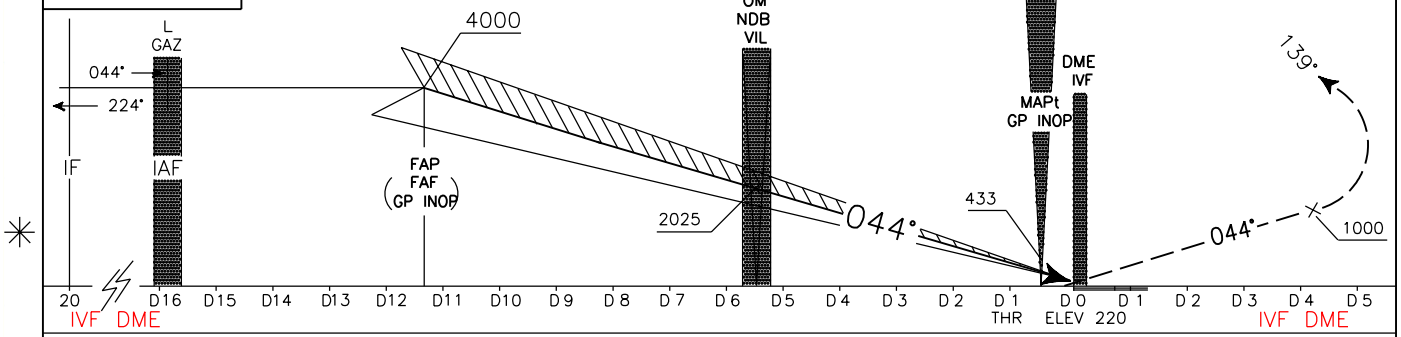


TRANSITION ALT 6000

RDH 17.45 M

GP 3°

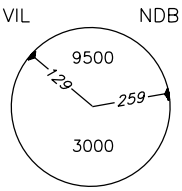
MISSED APPROACH: At MAPt maintain final track and climb to 4000 Ft . Crossing 1000 ft turn right TR 139° till crossing 2000 Ft, then turn right direct to GAZ L. Hold on GAZ L at 4000 Ft, right turns, inbound TR 044°, outbound LEG 1 Min.



OCA (OCH)		A	B	C	D
STRAIGHT IN APPROACH	ILS CAT I	420 (200)			
	ILS CAT II	320 (100)		328 (108)	342 (122)
	ILS CAT III	257 (37)			
	LLZ	550 (330)			
CIRCLING		See Remark	800 (570)		

FT PER MIN	GS	DIST IVF	ALT (HGT)	DIST IVF	ALT (HGT)
425	80	10 DME	3550(3330)	5 DME	1900(1670)
531	100	9 DME	3220(3000)	4 DME	1570(1350)
637	120	8 DME	2880(2660)	3 DME	1250(1020)
743	140	7 DME	2550(2330)	2 DME	920 (700)
849	160	6 DME	2220(2000)	1 DME	600 (380)
955	180				

MNM SECT ALT



DOC.8168–ED.4–1993
CHANGE: NEW AD SECTION

(✱) REMARK: Racetrack
CAT A/B: 1 min 30 sec;
CAT C/D: 1 min.

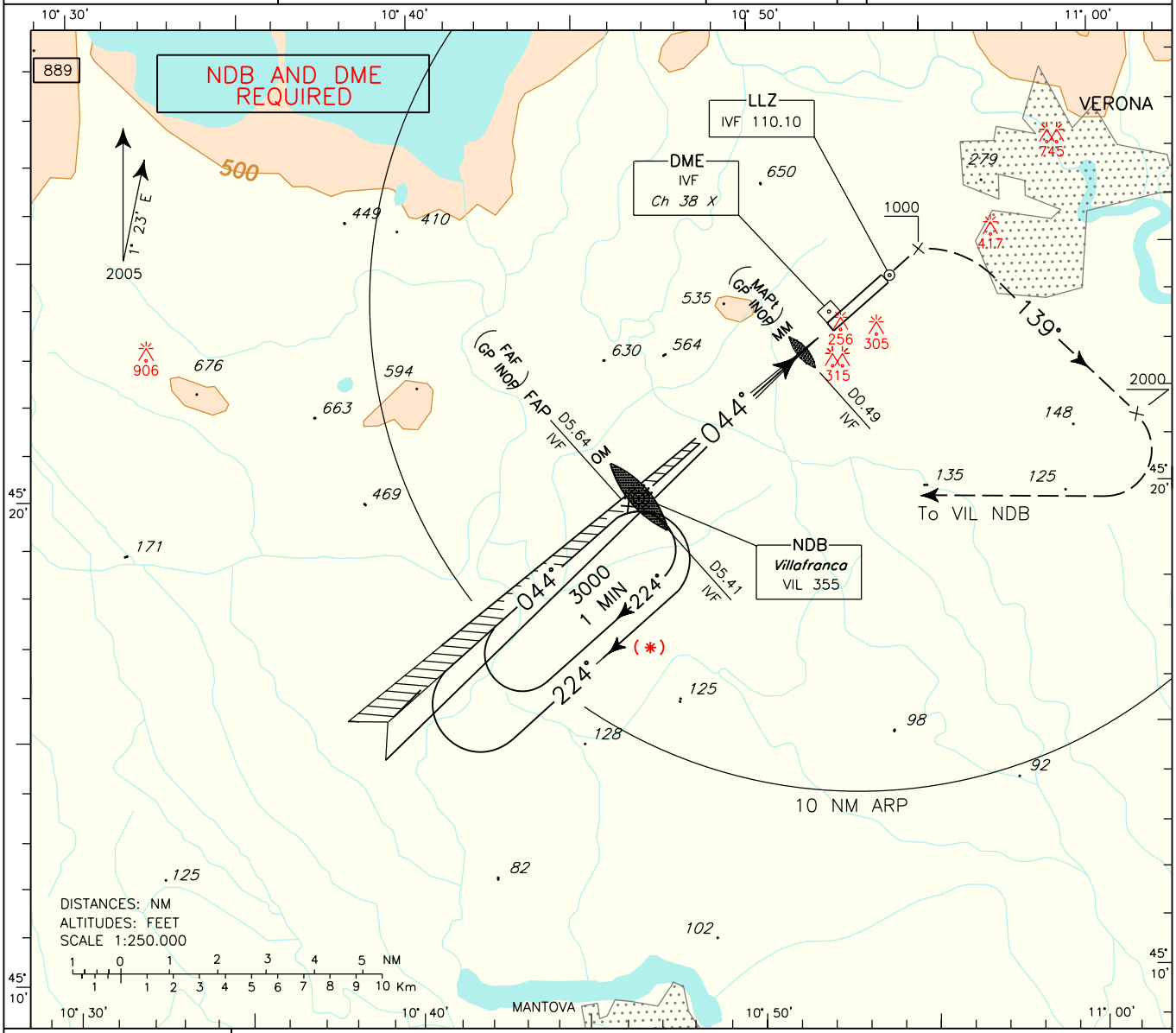
APP *Garda Approach* 135.900 124.250 118.550

TWR *Villafranca Tower* 118.650
Villafranca Ground (121.750)

AD ELEV 239

LIPX

VERONA/VILLAFRANCA
ILS — X RWY 04

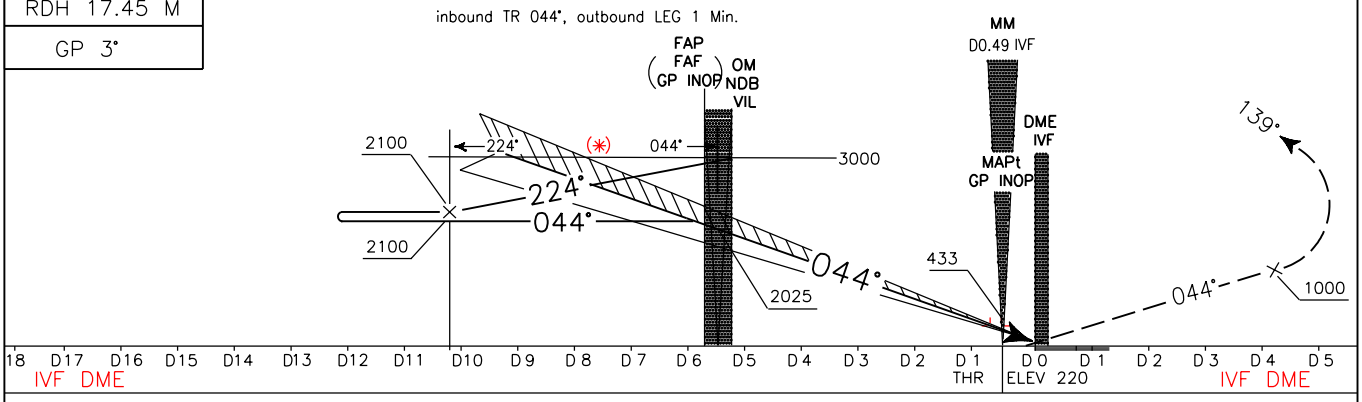


TRANSITION ALT 6000

RDH 17.45 M

GP 3°

MISSED APPROACH: At MAPt maintain final track and climb to 3000 Ft . Crossing 1000 ft turn right TR 139° till crossing 2000 Ft, then turn right direct to VIL NDB. Hold on VIL NDB at 3000 Ft, right turns, inbound TR 044°, outbound LEG 1 Min.



OCA (OCH)		A	B	C	D
STRAIGHT IN APPROACH	ILS CAT I	420 (200)			
	ILS CAT II	320 (100)		328 (108)	342 (122)
	ILS CAT III	257 (37)			
	LLZ	550 (330)			
CIRCLING		800 (570)			

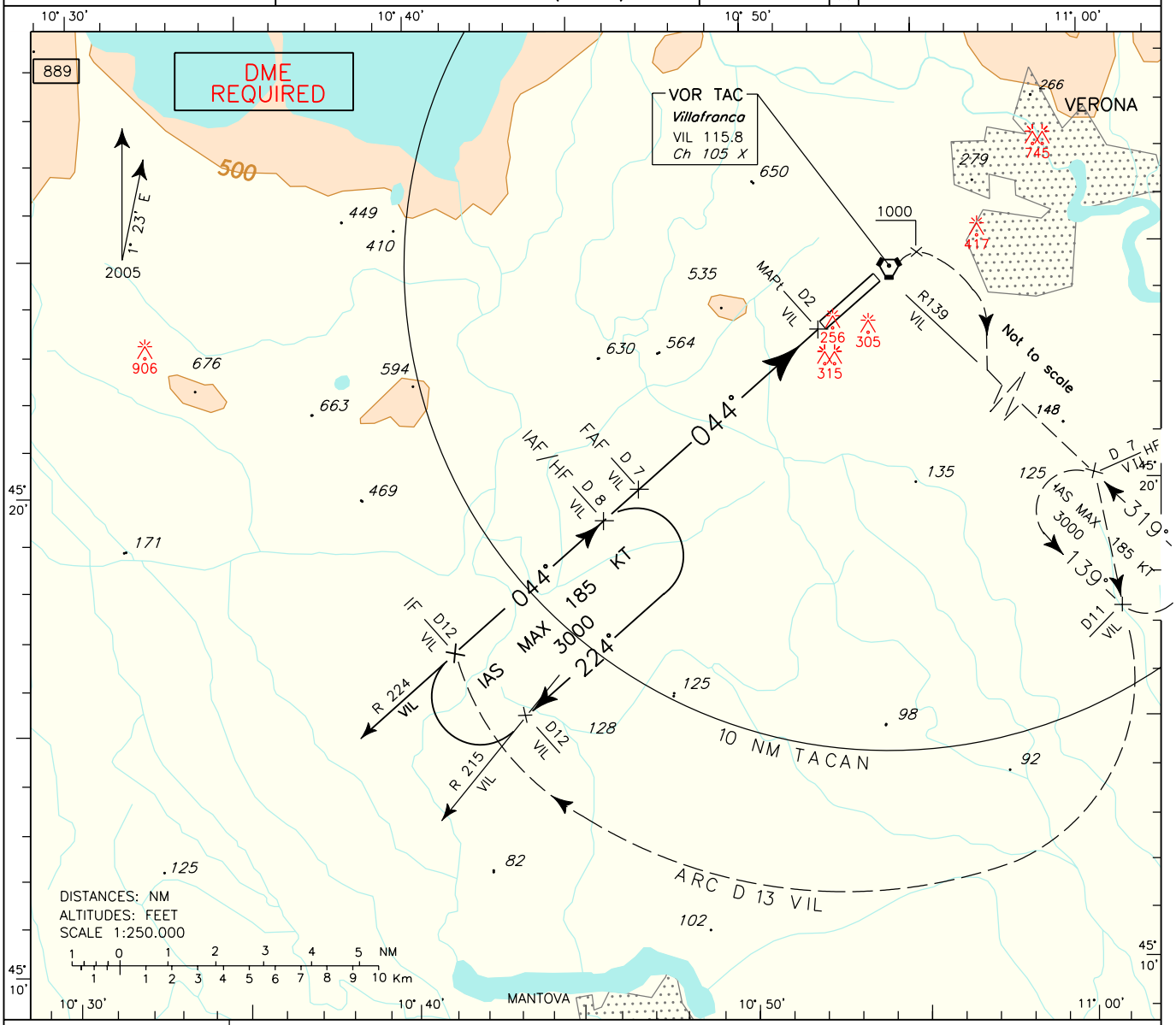
REMARK: Circling only South East of the RWY.

FT PER MIN	GS	DIST	ALT (HGT)
425	80	5 DME	1900(1670)
531	100	4 DME	1570(1350)
637	120	3 DME	1250(1020)
743	140	2 DME	920 (700)
849	160	1 DME	600 (380)
955	180		

MNM SECT ALT
VIL NDB
9500
129
259
3000

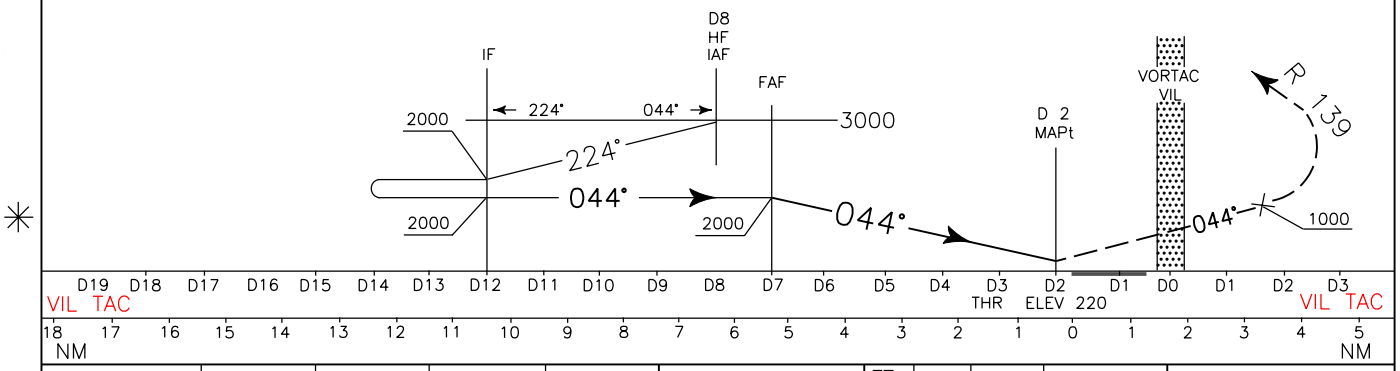
DOC.8168-ED.4-1993
CHANGE: NEW AD SECTION

APP	TWR	AD ELEV	LIPX	VERONA/VILLAFRANCA
Garda Approach 135.900 124.250 118.550	*Villafranca Tower* 118.650 *Villafranca Ground* (121.750)	239		VORTAC – Z RWY 04



TRANSITION ALT 6000

MISSED APPROACH: At MAPt maintain final track and climb to 3000 Ft AMSL. Crossing 1000 ft turn right to join RDL 139 VIL VORTAC direct to M.A. holding pattern.
Hold on RDL 139 VIL VORTAC at 3000 Ft between 7 NM and 11 NM VIL DME; inbound track 319°, left turns, IAS MAX 185 KT.



OCA (OCH)		A	B	C	D
STRAIGHT IN APPROACH	VOR TAC	820 (600)			
CIRCLING		820 (590)			

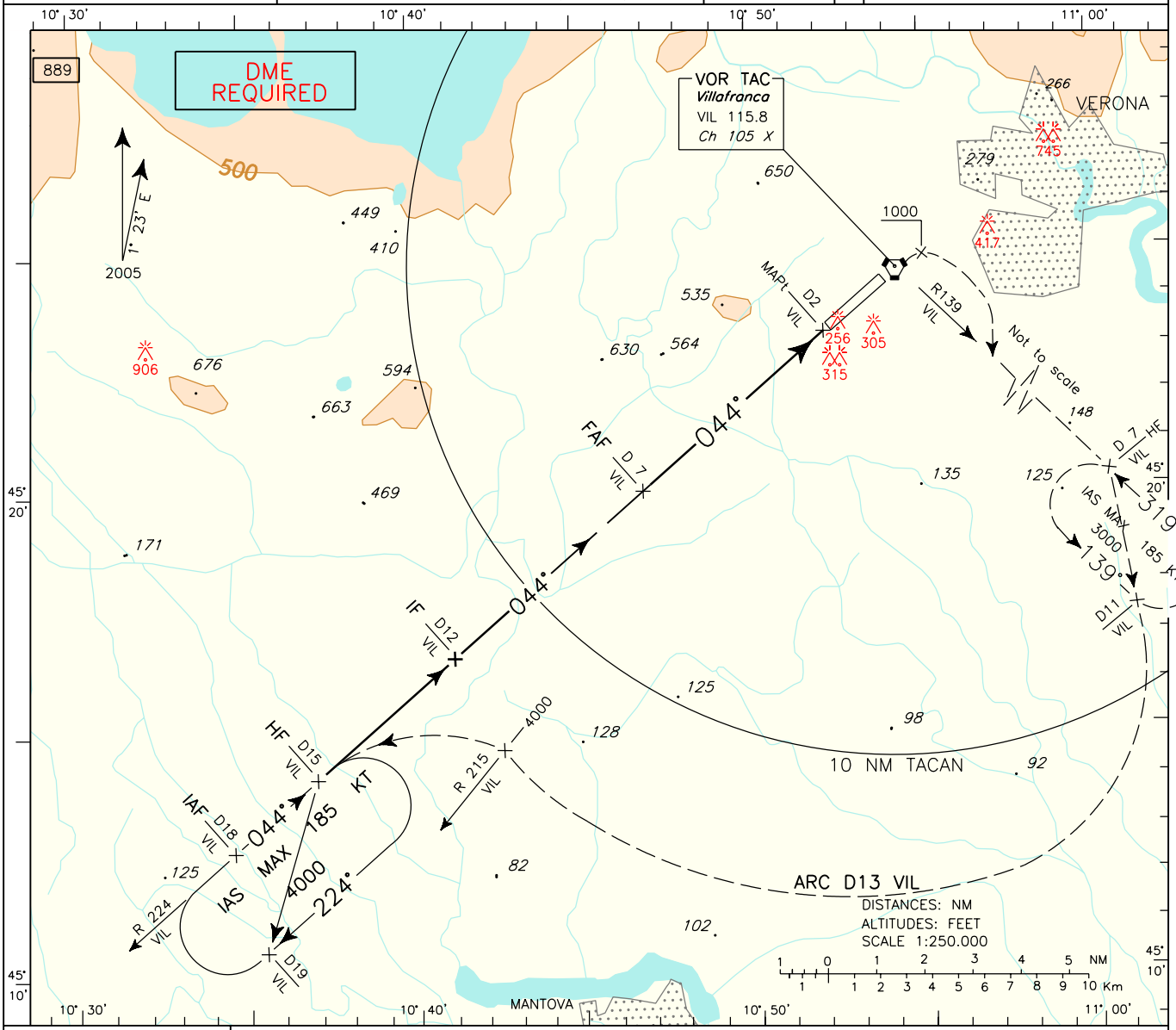
REMARK: Circling only South East of the RWY.

FT PER MIN	GS	DIST	ALT (HGT)
425	80	7DME	2020(1800)
531	100	6DME	1700(1480)
637	120	5DME	1370(1150)
743	140	4DME	1050(830)
849	160	3DME	730(510)
955	180		

MNM SECT ALT
VIL VORTAC
9500
094 279
2000

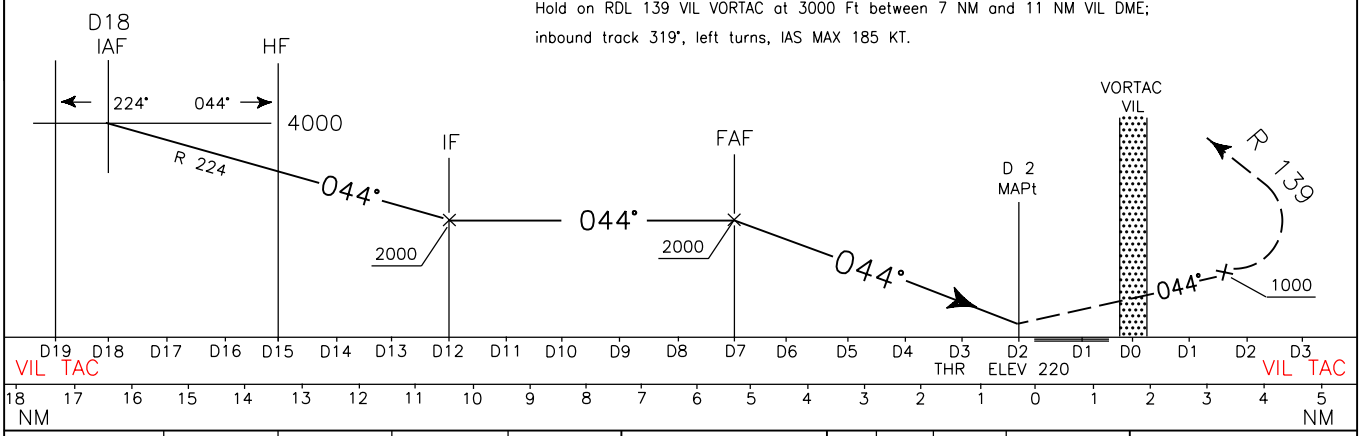
DOC.8168-ED.4-1993
CHANGE: NEW AD SECTION

APP	TWR	AD ELEV	LIPX	VERONA/ VILLAFRANCA
Garda Approach 135.900 124.250 118.550	Villafranca Tower 118.650 Villafranca Ground (121.750)	239		VORTAC – Y RWY 04



TRANSITION ALT 6000

MISSED APPROACH: At MAPt maintain final track and climb to 3000 Ft AMSL. Crossing 1000 ft turn right to join RDL 139 VIL VORTAC direct to M.A. holding pattern.
Hold on RDL 139 VIL VORTAC at 3000 Ft between 7 NM and 11 NM VIL DME; inbound track 319°, left turns, IAS MAX 185 KT.



OCA (OCH)		A	B	C	D
STRAIGHT IN APPROACH	VORTAC	820 (600)			
CIRCLING		820 (590)			

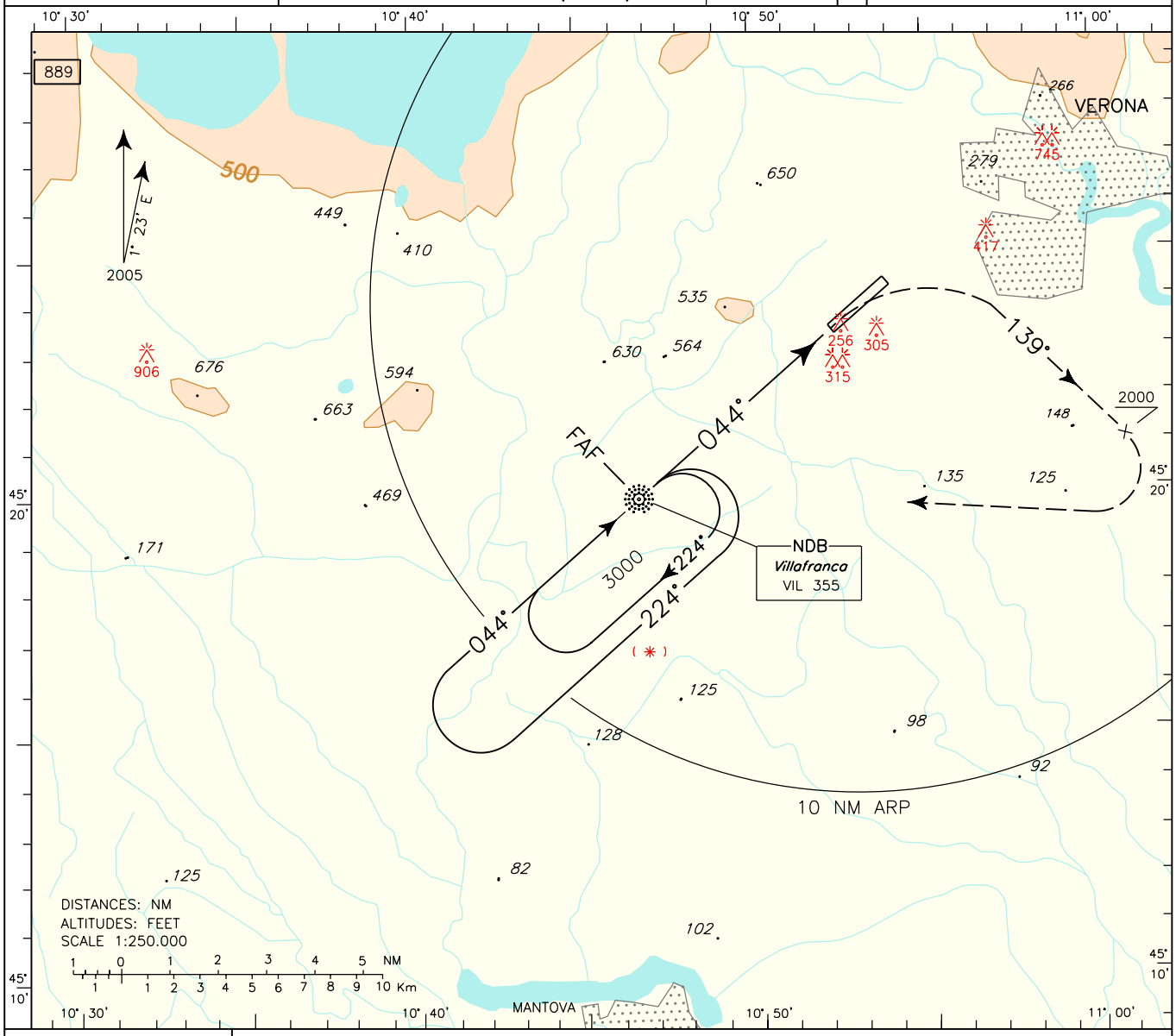
REMARK: Circling only South East of the RWY.

FT PER MIN	GS	DIST	ALT (HGT)
425	80	7DME	2020(1800)
531	100	6DME	1700(1480)
637	120	5DME	1370(1150)
743	140	4DME	1050(830)
849	160	3DME	730(510)
955	180	3DME	730(510)

MNM SECT ALT
VIL VORTAC
9500
094 279
2000

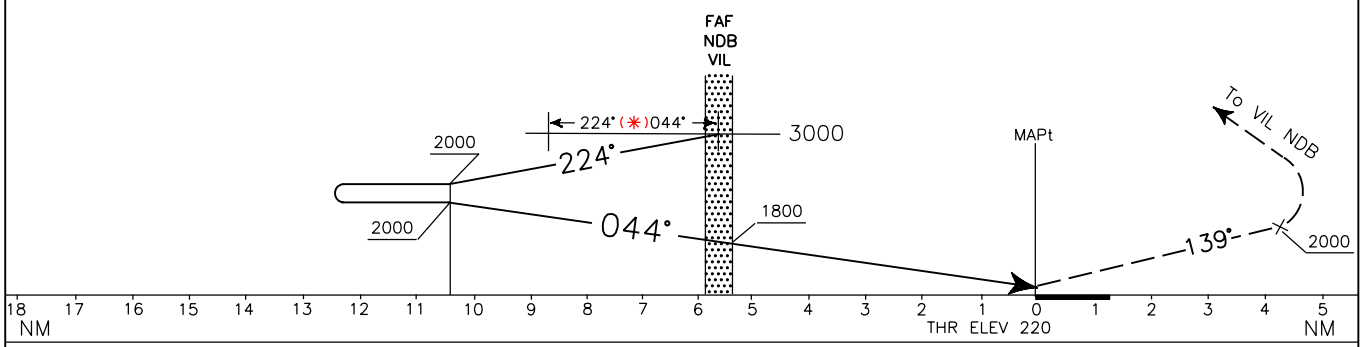
DOC.8168-ED.4-1993
CHANGE: NEW AD SECTION

(✳) REMARK: Racetrack CAT A/B: 1 min 30 sec; CAT C/D: 1 min.	APP *Garda Approach* 135.900 124.250 118.550	TWR *Villafranca Tower* 118.650 *Villafranca Ground* (121.750)	AD ELEV 239	LIPX	VERONA/VILLAFRANCA NDB RWY 04



TRANSITION ALT 6000

MISSED APPROACH: Turn right TR 139° climbing at 3000 Ft. Crossing 2000 Ft turn right to VIL NDB holding pattern.

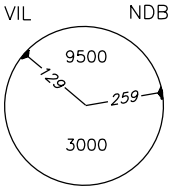


OCA (OCH)		A	B	C	D
STRAIGHT IN APPROACH	NDB	1000 (780)			
CIRCLING		1000 (770)			

REMARK: Circling only South East of the RWY.

FT PER MIN	GS	VIL–THR 05 5.40 NM
378	80	4 : 03
472	100	3 : 14
567	120	2 : 42
661	140	2 : 18
756	160	2 : 01
850	180	1 : 48

MNM SECT ALT VIL NDB



DOC.8168–ED.4–1993
CHANGE: NEW AD SECTION

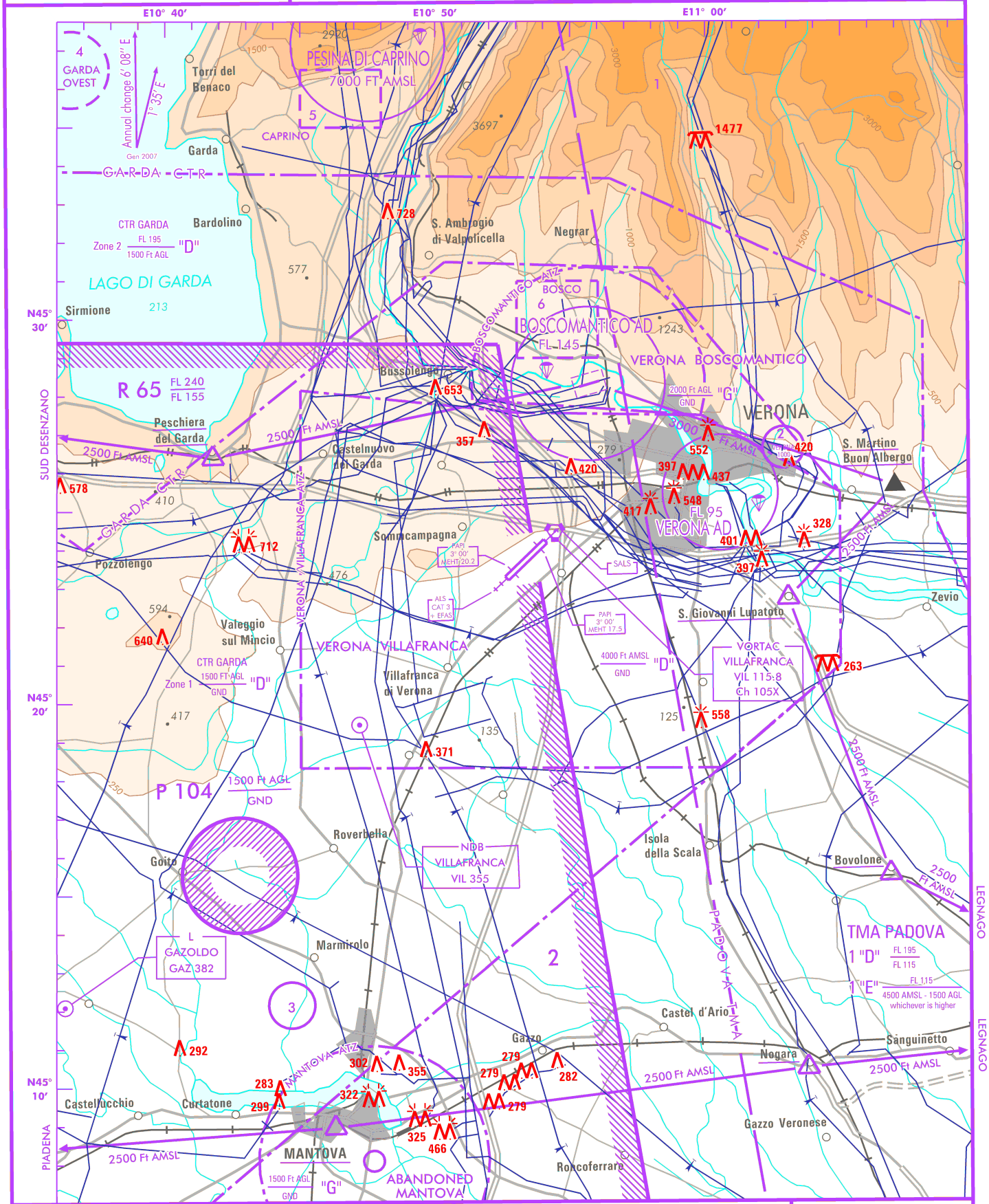
SCALE 1:250.000 — 0 5 NM / 0 5 Km

F I S	Padova Info	124.150
APP	Garda Approach	135.900
TWR	Villafranca Tower	118.650
GND	Villafranca Ground	121.750

AD ELEV 239

LIPX

VERONA / VILLAFRANCA



AIRSPACE CLASSIFICATION (See AIP-Italia ENR 1)

Parachuting Activity (See AIP-Italia ENR 5.5)

(4-5-6) Aerobatic Training Activity
See AIP-Italia ENR 5.5.2 for notes

(1) Overflying interdicted at or below 3300 FT AGL
(2) Overflying interdicted at or below 1000 FT AGL
(3) Overflying interdicted at or below 2000 FT AGL
See AIP-Italia ENR 5.6 for notes

▲ Visual holding gates: an entry clearance shall be requested before proceding.

TRANSITION ALT 6000 Ft

Bearings are magnetic.
Elev and Alt in Ft AMSL.