

Page 1

Changed chart(s) since Disc 03-2011

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 03-2011

LSGC (Les Eplatures)**General Info**

Les Eplatures, CHE

N 47° 05.0' E 06° 47.6' Mag Var: 0.0°W

Elevation: 3366'

Public, IFR, Control Tower, Customs, Landing Fee

Pattern Altitude: 837 feet AGL

Fuel: 100LL, Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+1:00 uses DST

Runway Info

Runway 06-24 3707' x 89' asphalt

Runway 06 (54.0°M) TDZE 3368'

Lights: Edge

Right Traffic

Displaced Threshold Distance 230'

Runway 24 (234.0°M) TDZE 3343'

Lights: Edge, ALS

Displaced Threshold Distance 328'

Communications InfoLes Eplatures Tower **118.125**Geneva Transit Approach Control **136.45** Secondary MilitaryLes Eplatures Aerodrome Information **118.125** AFIS**Notebook Info**

LSGC

LES EPLATURES

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LES EPLATURES, SWITZERLAND

16 NOV 07

10-2

Eff 22 Nov

STAR

Apt Elev
3366'

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

FRIBOURG ONE ROMEO (FRI 1R)
LEPLA THREE ROMEO (LEPLA 3R) [*LEPL3R*]
ST PREX TWO ROMEO (SPR 2R)
RWYS 24, 06 ARRIVALS

7300'

MSA
LPS NDB

HOCHWALD
D 113.2 HOC
N47 28.0 E007 39.9

ILS DME
LES EPLATURES
P(108.15)ICF
N47 05.1 E006 47.7
403 LPS
N47 05.0 E006 47.6

FRI 1R SPR 2R
At or above FL110

LEPLA 3R

At or above
7000'

BOMEC
D9.6 ICF
N47 10.7 E006 59.2

At or above
7000'

D15.3 ICF

At or above
EL 90

LEPLA
N47 20.6 E007 22.0

BALIR
N47 18.5 E007 16.9

DELMO
47 15.5 E007 09.6

Distances between vehicles and points:
 - LEPLA to D18.3: 18.3
 - LEPLA to BALIR: 4
 - BALIR to DELMO: 5.8
 - BALIR to D24.1: 24.1
 - DELMO to D24.1: 24.1
 - D18.3 to D14.7: 14.7

MHA 7000
MAX FL110
X 150 K

FLORY
N46 54.5 E006 35.1

ST PREX
D 113.9 SPR
... ..
N46 28.1 E006 26.9

NOT TO SCALE

STAR	ROUTING
FRI 1R ①	On FRI R-316 to LPS. Maintain FL 110 to LPS.
LEPLA 3R	On HOC R-239 via BALIR to DELMO, 234° bearing via BOMEK to LPS. Maintain FL90 to D15.3 ICF.
SPR 2R	On SPR R-012 to FLORY, intercept 039° bearing to LPS. Maintain FL 110 to LPS.
① During MIL activity available on request.	

CHANGES: STAR LEPLA 2R renumbered 3R & revised.

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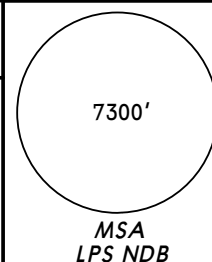
10-3

Eff 22 Nov

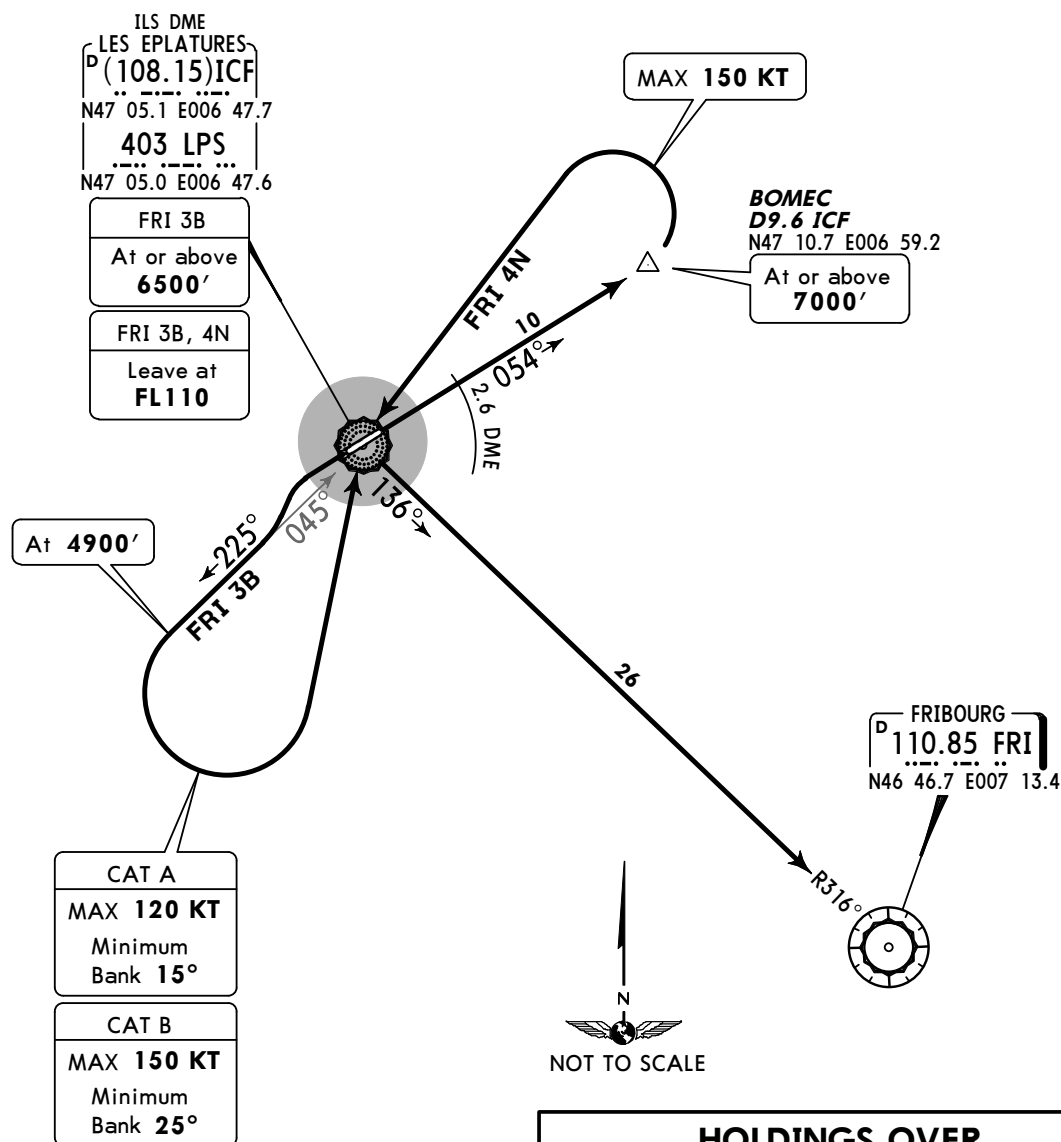
SID

Apt Elev
3366'

Trans level: By ATC Trans alt: 7000'



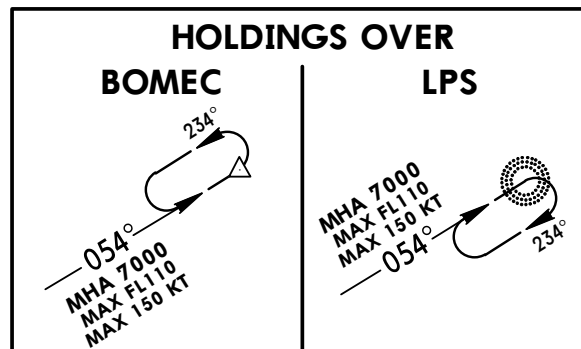
FRIBOURG THREE BRAVO (FRI 3B)
FRIBOURG FOUR NOVEMBER (FRI 4N)
RWYS 24, 06 DEPARTURES
DURING MILITARY ACTIVITY AVAILABLE ON REQUEST



These SIDs require minimum climb gradients of

FRI 3B: 365' per NM (6%) up to **4900'**.
FRI 4N: 346' per NM (5.7%) up to **7000'**.

Gnd speed-KT	75	100	150	200	250	300
365' per NM	456	608	911	1215	1519	1823
346' per NM	433	577	866	1155	1443	1732



Initial climb clearance **FL110**

SID	RWY	ROUTING
FRI 3B	24	Intercept 225° bearing from LPS, maintain visual ground contact up to 3900' , at 4900' turn LEFT to LPS, climb in holding to FL110 , intercept FRI R-316 inbound to FRI.
FRI 4N	06	Climb on runway heading, maintain visual ground contact until ICF 2.6 DME, intercept 054° bearing from LPS to BOMECE, turn LEFT to LPS, climb in holding to FL110 , intercept FRI R-316 inbound to FRI.

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16 NOV 07

(10-3A)

Eff 22 Nov

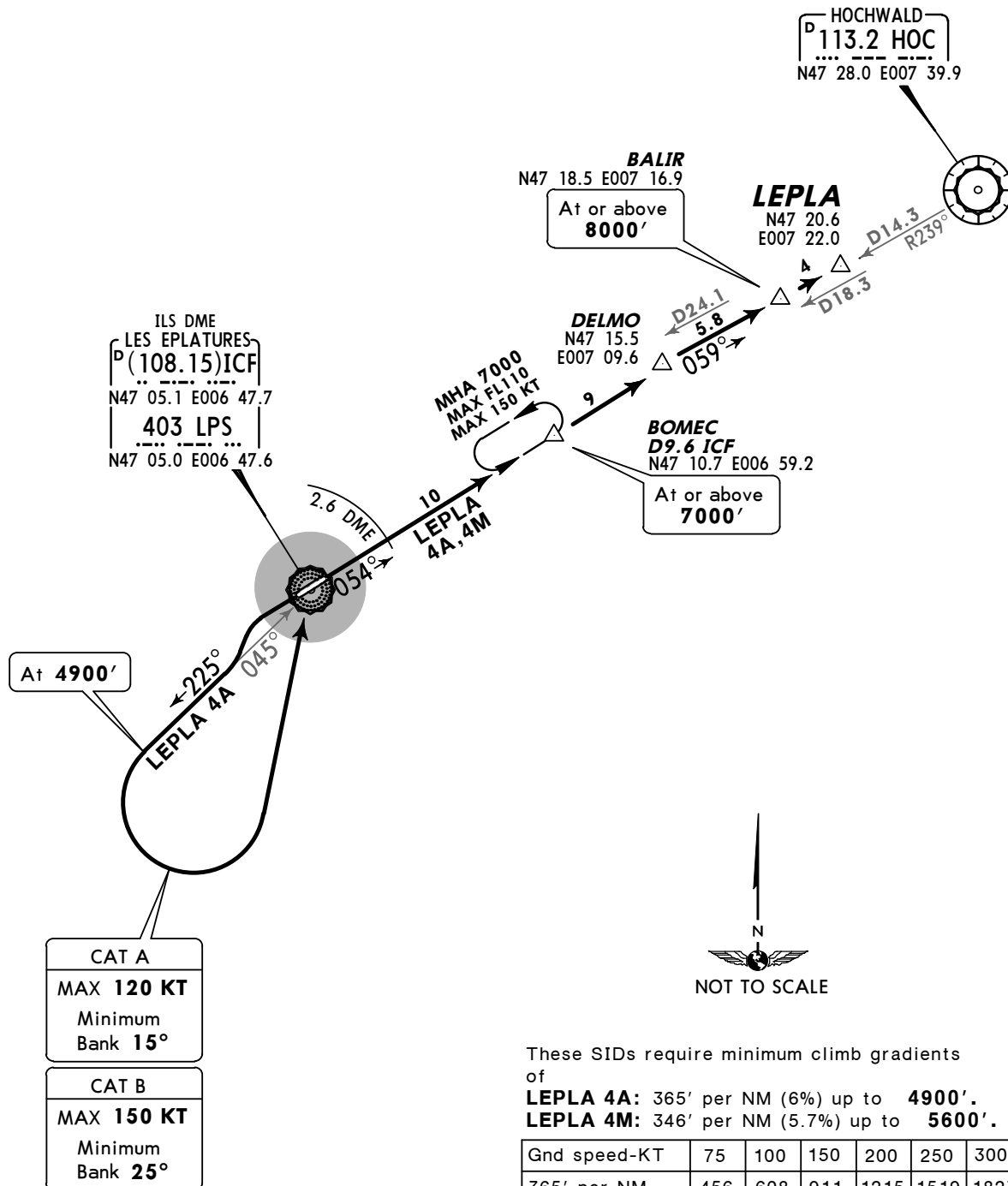
SID

Apt Elev
3366'

Trans level: By ATC Trans alt: 7000'

LEPLA FOUR ALFA (LEPLA 4A) [LEPL4A]
LEPLA FOUR MIKE (LEPLA 4M) [LEPL4M]
RWYS 24, 06 DEPARTURES

7300'

MSA
LPS NDBInitial climb clearance **FL80**

SID	RWY	ROUTING
LEPLA 4A	24	Intercept 225° bearing from LPS, maintain visual ground contact up to 3900' , at 4900' turn LEFT to LPS, 054° bearing via BOMECE to DELMO, intercept HOC R-239 inbound via BALIR to LEPLA.
LEPLA 4M	06	Climb on runway heading, maintain visual ground contact until ICF 2.6 DME, intercept 054° bearing from LPS via BOMECE to DELMO, intercept HOC R-239 inbound via BALIR to LEPLA.

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16 NOV 07

10-3B

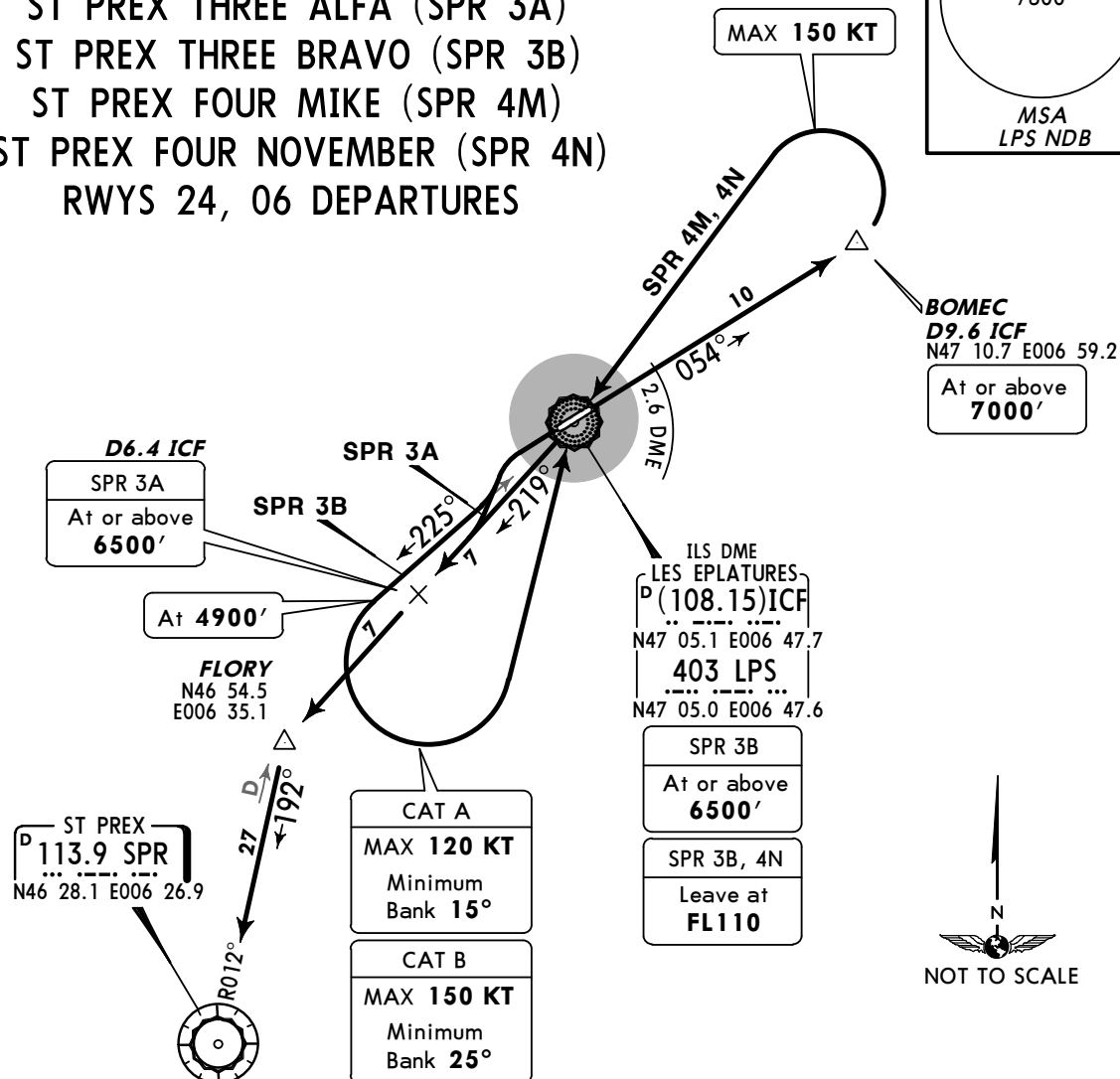
Eff 22 Nov

SID

Apt Elev
3366'

Trans level: By ATC Trans alt: 7000'

ST PREX THREE ALFA (SPR 3A)
ST PREX THREE BRAVO (SPR 3B)
ST PREX FOUR MIKE (SPR 4M)
ST PREX FOUR NOVEMBER (SPR 4N)
RWYS 24, 06 DEPARTURES



These SIDs require minimum climb gradients of

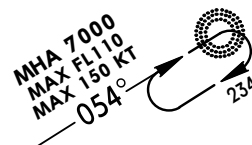
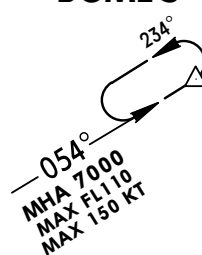
SPR 3A: 437' per NM (7.2%) up to **4700'**.

SPR 3B: 365' per NM (6%) up to **4900'**.

SPR 4M, 4N: 346' per NM (5.7%) up to **7000'**.

Gnd speed-KT	75	100	150	200	250	300
437' per NM	547	729	1094	1458	1823	2187
365' per NM	456	608	911	1215	1519	1823
346' per NM	433	577	866	1155	1443	1732

HOLDINGS OVER BOMECD LPS



Initial climb clearance: **SPR 3A, 4M: FL80**
SPR 3B, 4N: FL110

SID	RWY	ROUTING
SPR 3A ①	24	Intercept 219° bearing from LPS to FLORY, maintain visual ground contact up to 3900' , at FLORY intercept SPR R-012 inbound to SPR.
SPR 3B		Intercept 225° bearing from LPS, maintain visual ground contact up to 3900' , at 4900' turn LEFT to LPS, climb in holding to FL110 , 219° bearing to FLORY, intercept SPR R-012 inbound to SPR.
SPR 4M ①	06	Climb on runway heading, maintain visual ground contact until ICF 2.6 DME, intercept 054° bearing from LPS to BOMECD, turn LEFT to LPS, 219° bearing to FLORY, intercept SPR R-012 inbound to SPR.
SPR 4N		Climb on runway heading, maintain visual ground contact until ICF 2.6 DME, intercept 054° bearing from LPS to BOMECD, turn LEFT to LPS, climb in holding to FL110 , 219° bearing to FLORY, intercept SPR R-012 inbound to SPR.

① Only available during MIL activity and between NOV and MAR and during night.

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Apt Elev **3366'**
N47 05.1 E006 47.6

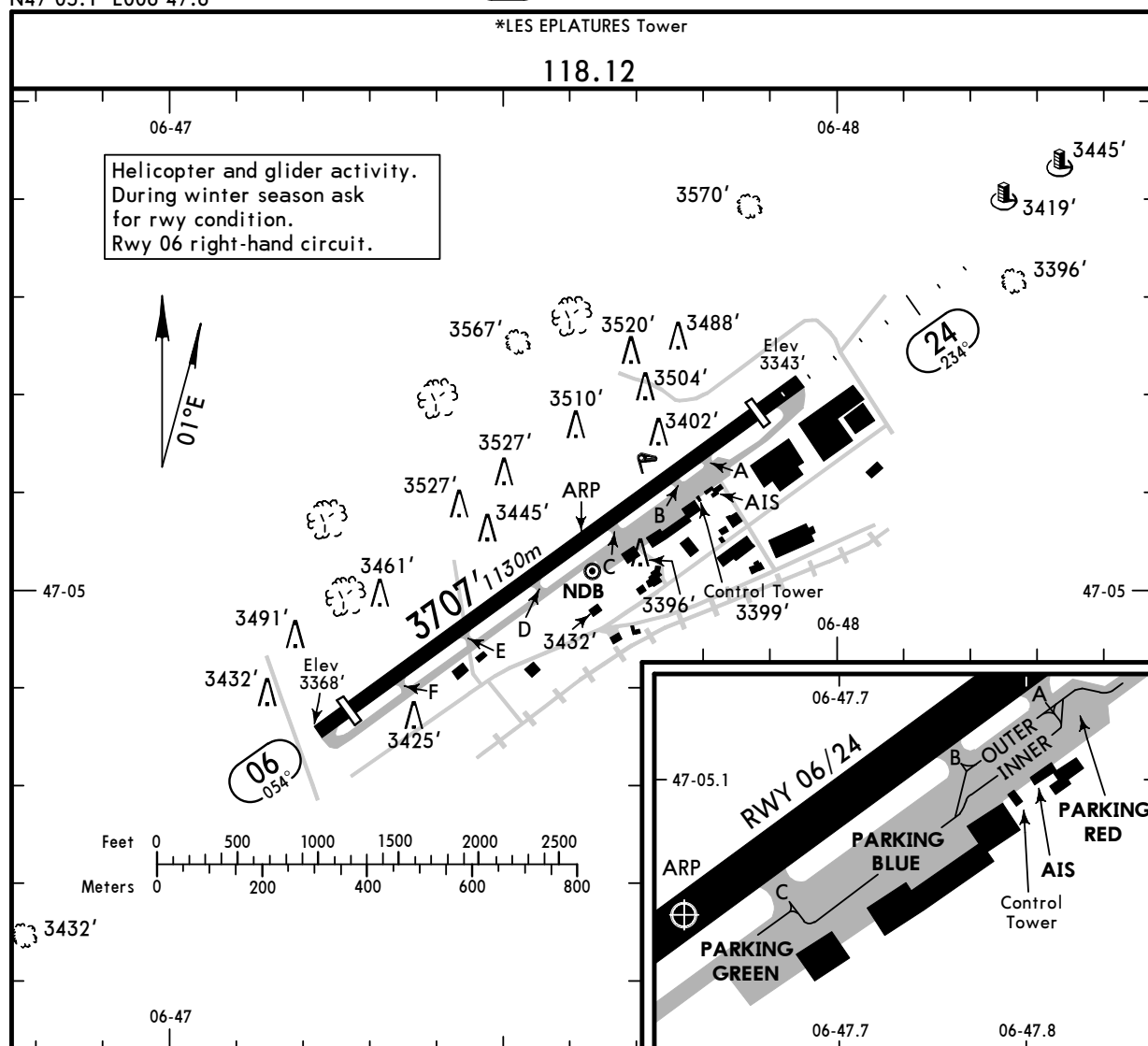
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16 NOV 07

10-9

Eff 22 Nov

LES EPLATURES



ADDITIONAL RUNWAY INFORMATION					
RWY			USABLE LENGTHS		WIDTH
			LANDING	BEYOND	
			Threshold	Glide Slope	TAKE-OFF
06	HIRL APAPI-L (4.3°)	grooved	3478' 1060m		89' 27m
24	HIRL HIALS APAPI-L (3.83°, MEHT 14')	grooved	3379' 1030m	2711' 826m	

JAR-OPS

TAKE-OFF

	Rwy 06		Rwy 24	
	RCLM (DAY only) or RL	NIL (DAY only)	RCLM (DAY only) or RL	NIL (DAY only)
A	1000' - 1500m		700' - 1500m	
B				
C				
D	NOT APPLICABLE			

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LES EPLATURES, SWITZERLAND

ILS Rwy 24

16 NOV 07

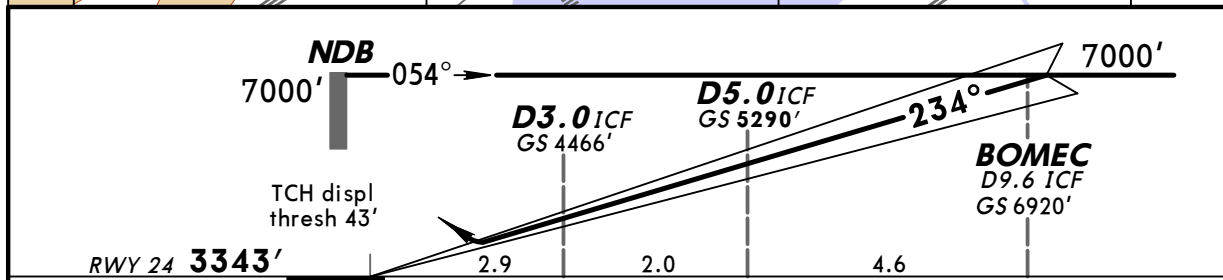
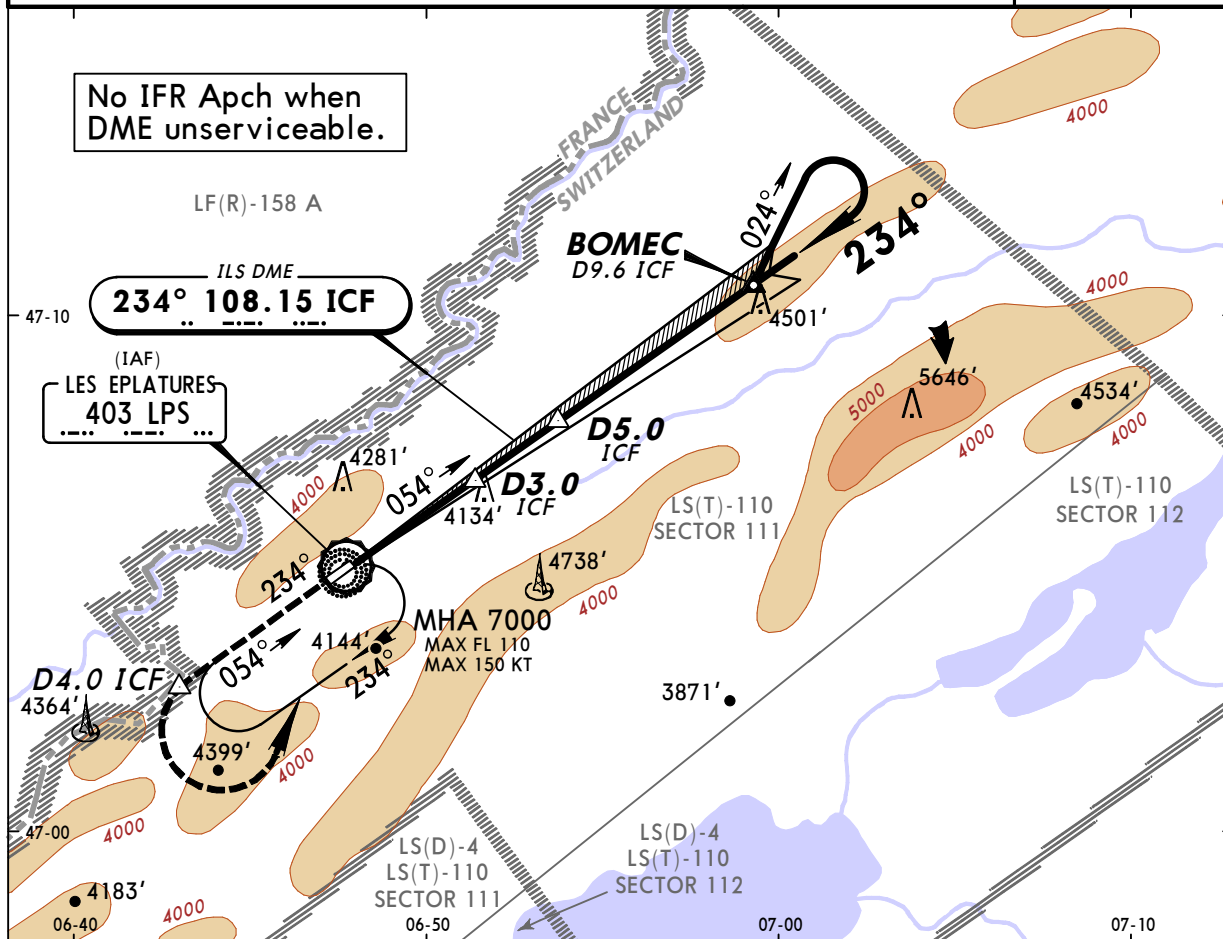
Eff 22 Nov

(11-1)

CAT A & B

BRIEFING STRIP

GENEVA Delta (APP) 119.17			*LES EPLATURES Tower 118.12		7300' MSA LPS NDB
LOC ICF 108.15	Final Apch Crs 234°	GS D5.0 ICF 5290' (1947')	ILS DA(H) Refer to Minimums	Apt Elev 3366' RWY 3343'	
MISSED APCH: Climb STRAIGHT AHEAD. At 5000' but not before D4.0 ICF turn LEFT to NDB and hold at 7000'.					
Alt Set: hPa Rwy Elev: 117 hPa Trans level: By ATC Trans alt: 7000' 1. GS azimuth coverage limited to 4° SE. 2. For noise abatement do not undershoot APAPI.					



Gnd speed-Kts	70	90	100	120	140	160	HIALS	
GS	3.50°	439	564	627	752	877	1003	Refer to Missed Apch above

JAR-OPS				STRAIGHT-IN LANDING RWY 24		CIRCLE-TO-LAND	
Missed apch climb grad min 5.0%		Missed apch climb grad min 2.5%		LOC (GS out)		Not authorized North of airport	
A: 3688' (345')		A: 3802' (459')					
B: 3711' (368')		B: 3822' (479')					
FULL		FULL					
ALS out		ALS out					
1500m		1500m		SEE 11-2		Max Kts	
						100	
						135	
						C	
						D	
						NOT APPLICABLE	

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LOC Rwy 24

16 NOV 07

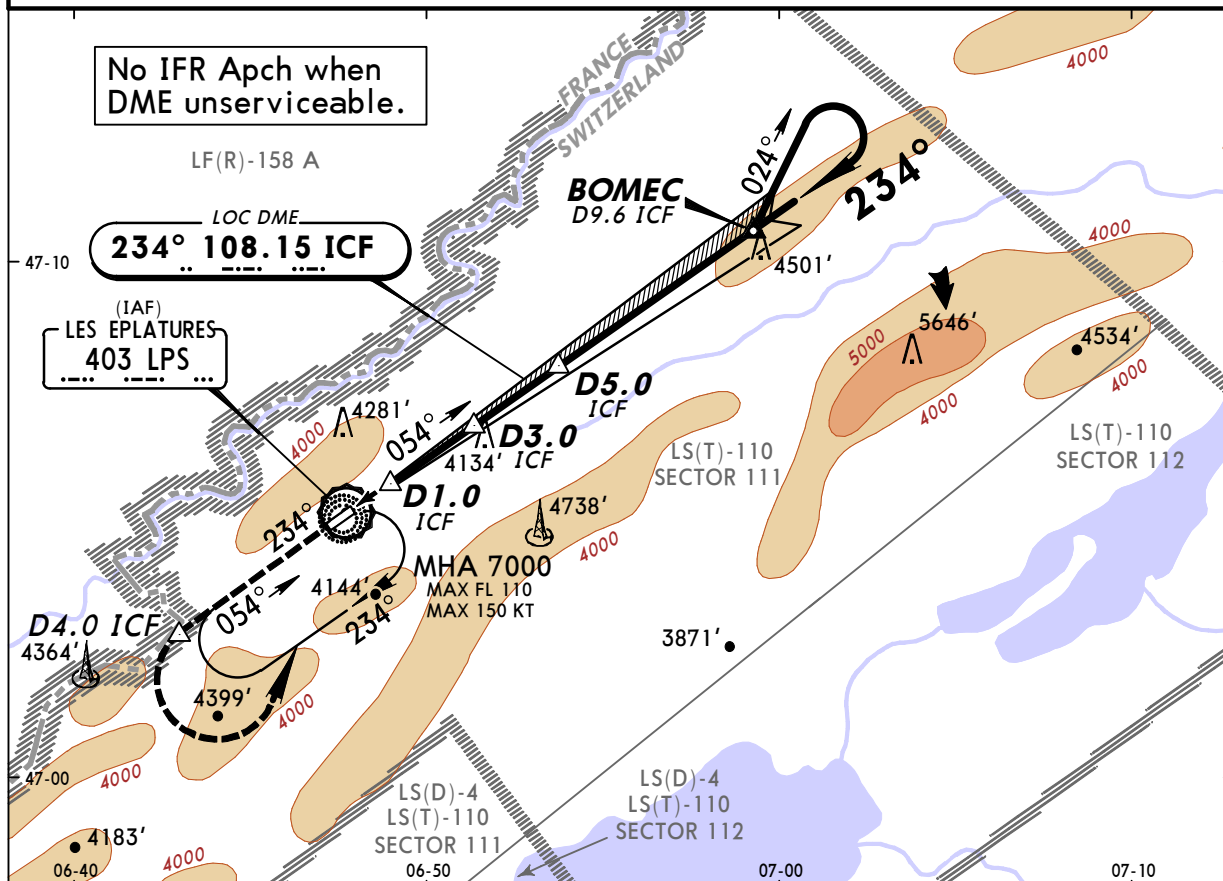
Eff 22 Nov

11-2

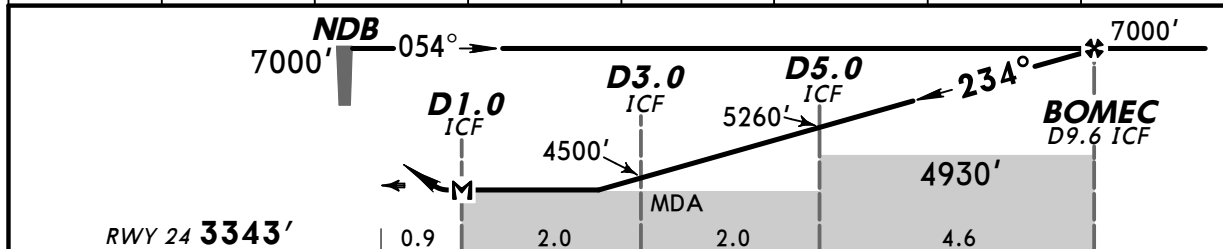
CAT A & B

BRIEFING STRIP

GENEVA Delta (APP) 119.17			*LES EPLATURES Tower 118.12		7300' MSA LPS NDB
LOC ICF 108.15	Final Apch Crs 234°	Procedure Alt BOMECE 7000' (3657')	MDA(H) 4380' (1037')	Apt Elev 3366' RWY3343'	
MISSED APCH: Climb STRAIGHT AHEAD. At 5000' but not before D4.0 ICF turn LEFT to NDB and hold at 7000'.					
Alt Set: hPa			Rwy Elev: 117 hPa		
For noise abatement do not undershoot APAPI.			Trans level: By ATC		
					Trans alt: 7000'



ICF DME	3.0	4.0	5.0	6.0	7.0	8.0	9.0
ALTITUDE	4500'	4880'	5260'	5640'	6020'	6400'	6780'



Gnd speed-Kts	70	90	100	120	140	160	HIALS APAPI Refer to Missed Apch above
Descent Gradient 6.3%	447	574	638	766	893	1021	
MAP at D1.0 ICF							

JAR-OPS		STRAIGHT-IN LANDING RWY 24		CIRCLE-TO-LAND	
		MDA(H) 4380' (1037')		Not authorized North of airport	
		ALS out		Max Kts.	MDA(H) _____ VIS _____
A	4500m	100	4590' (1224')	5000m	
B		135	4870' (1504')	5000m	
C	NOT APPLICABLE	C	NOT APPLICABLE		
D		D			

PANS OPS 3

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NDB Rwy 24

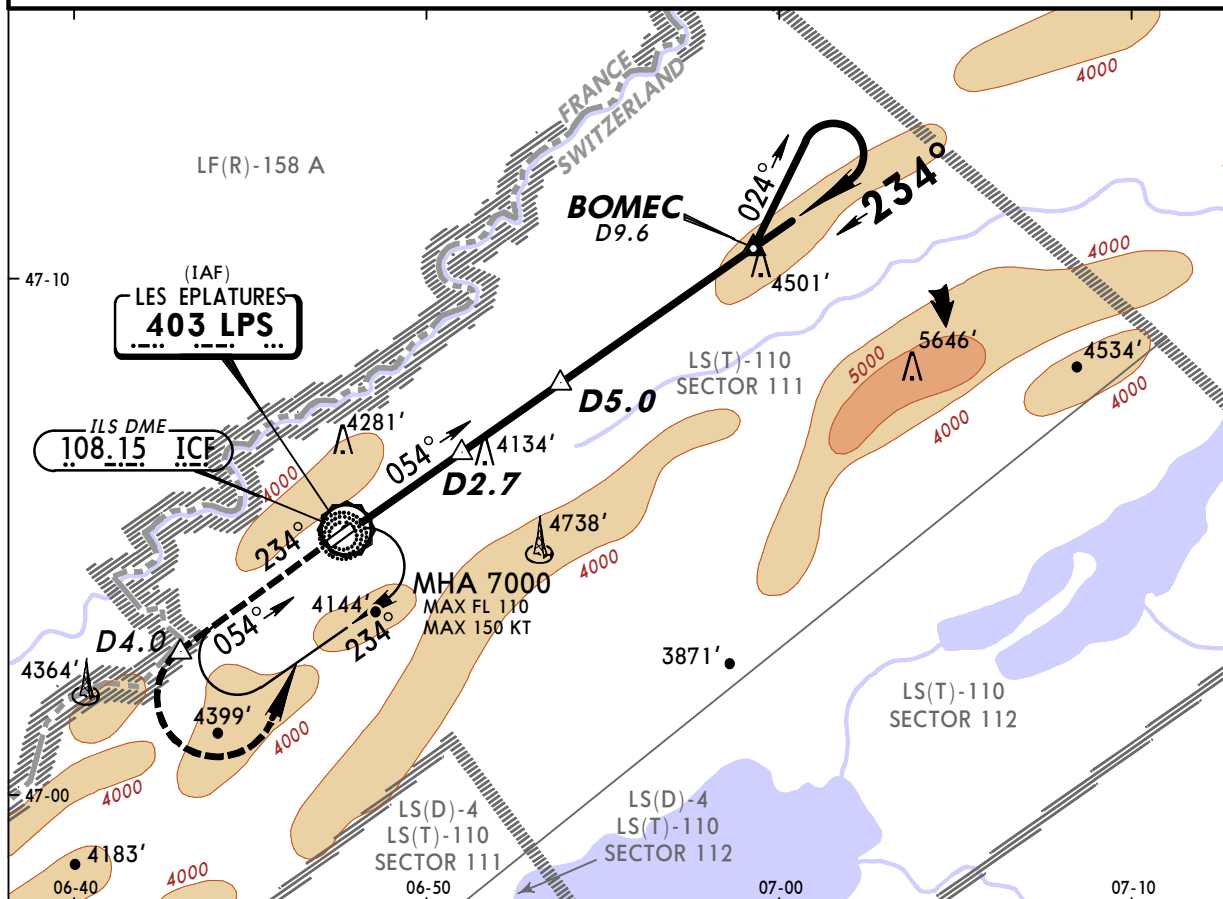
16 NOV 07
Eff 22 Nov

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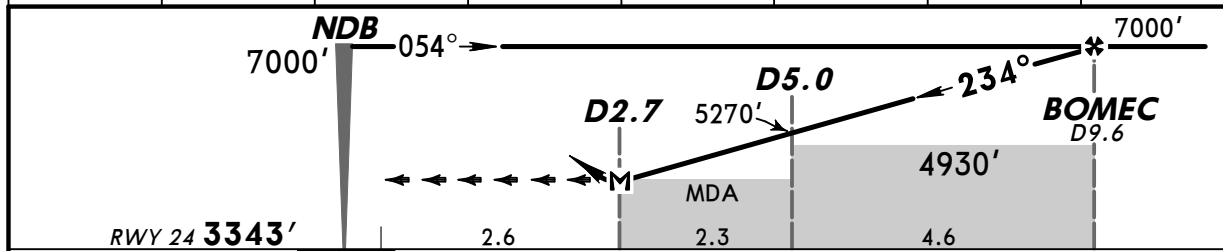
CAT A & B

BRIEFING STRIP

GENEVA Delta (APP) 119.17			*LES EPLATURES Tower 118.12			7300'
NDB LPS 403	Final Apch Crs 234°	Procedure Alt BOMECE 7000' (3657')	MDA(H) 4380' (1037')	Apt Elev 3366' RWY3343'		
MISSED APCH: Climb on 234°to intercept 234° from NDB. At D4.0 turn LEFT to NDB and hold at 7000'.						
Alt Set: hPa Rwy Elev: 117 hPa Trans level: By ATC						
For noise abatement do not undershoot APAPI.						
					MSA LPS NDB	
					Trans alt: 7000'	



ICF DME	3.0	4.0	5.0	6.0	7.0	8.0	9.0
ALTITUDE	4500'	4880'	5260'	5640'	6030'	6410'	6790'



Gnd speed-Kts	70	90	100	120	140	160	HIALS APAPI	234° ↑	234° from LPS 403	D4.0
Descent Gradient 6.3%	447	574	638	766	893	1021				
MAP at D2.7										

JAR-OPS				STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND			
				MDA(H) 4380' (1037')				Not authorized North of airport			
				ALS out				Max Kts			
A	RVR 4500m								100	MDA(H) 4590' (1224')	VIS 5000m
B									135	4870' (1504')	5000m
C	NOT APPLICABLE								C	NOT APPLICABLE	
D									D		

PANS OPS 3

LES EPLATURES

LES EPLATURES
SWITZERLAND

LSGC

Elev **3366'** / 1026m

N47 05.1

E006 47.6

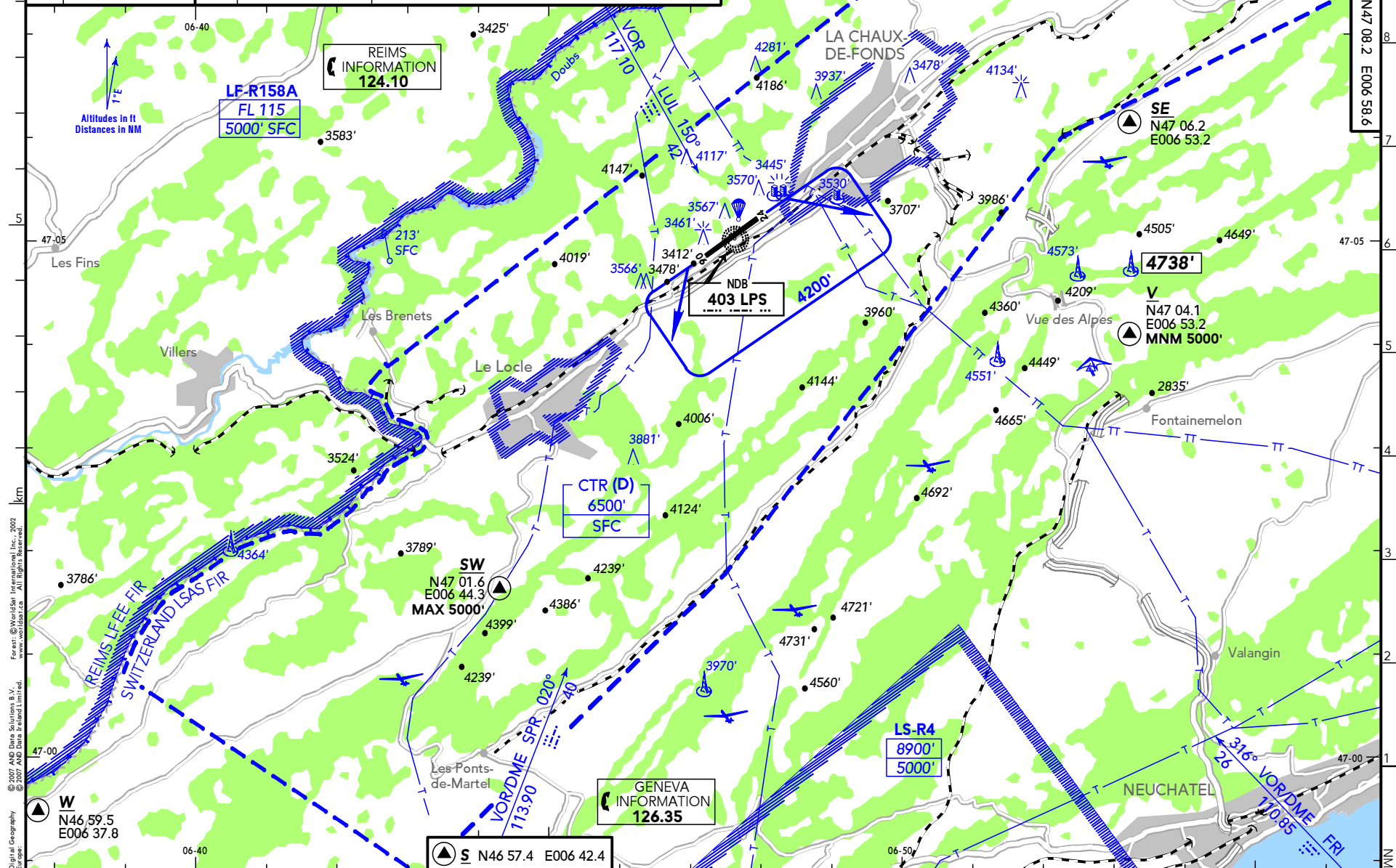
1.1 NM SW La Chaux-de-Fonds

(TWR/AFIS)

LES EPLATURES TOWER **118.12** (fr, en)

*ILS/DME freq paired. DME reads zero at THR 24.

RWY	ILS	RWY	ILS
		24 *	108.15 ICF 234°



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Digital Geography
Page: 1

CHANGES: ILS - VAR - Airspace - REPs - Direction Arrows.

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LES EPLATURES

LES EPLATURES

SWITZERLAND

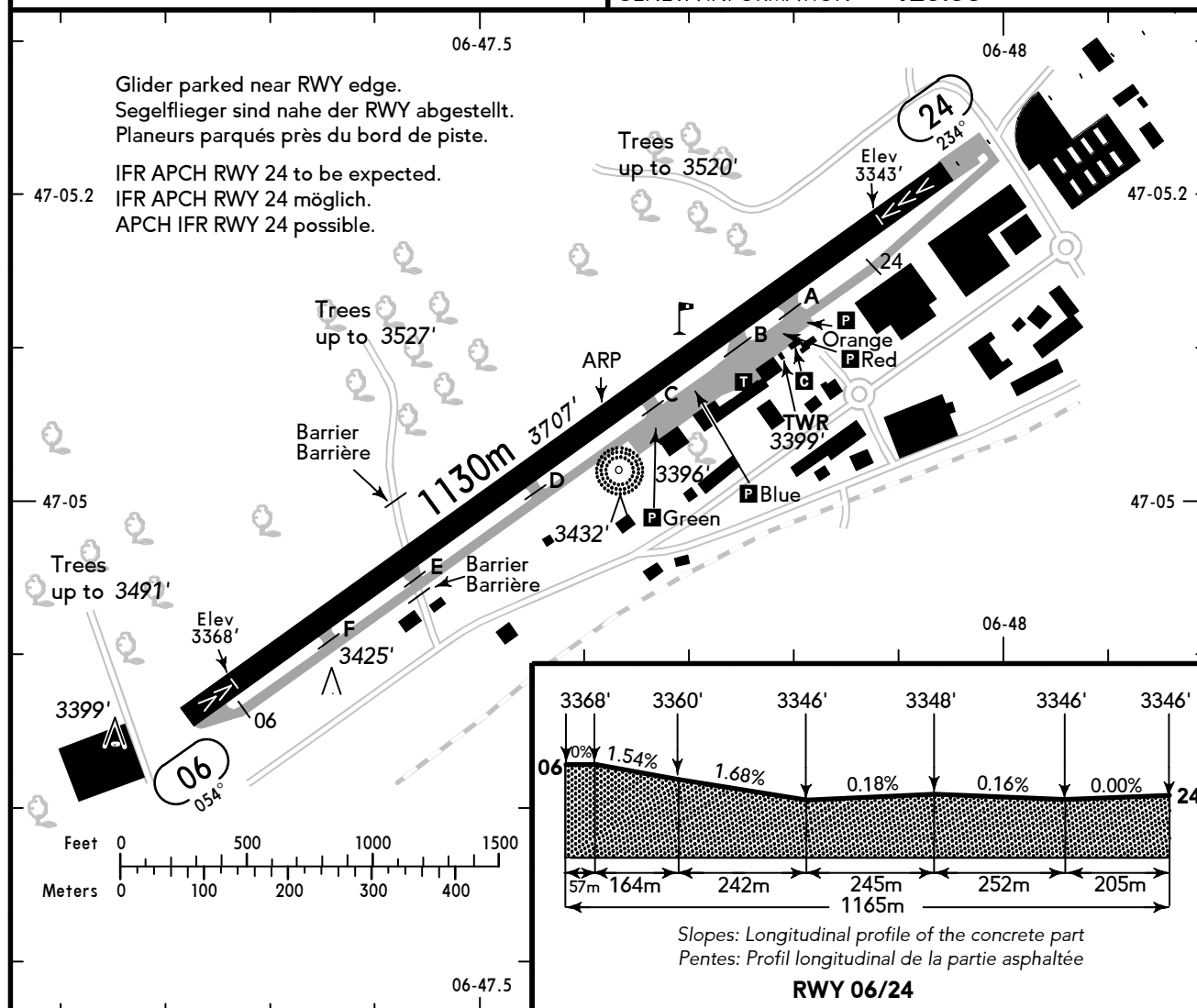
19-2 12 JUN 09

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(FIS)

GENEVA INFORMATION

126.35



2 (O/R, limited) TAXI

ALS 24 - APAPI 06 (4.3°), 24 (3.83°) - THRL - RL - OBSTL.

RWY No	Dimension (m) - Surface	TORA (m)	LDA (m)	Strength	Lights
06	1130 x 27 Asphalt	1130	1060	PCN 20/F/C/Y/T	
24		1130	1030		

CAUTION: Glider and parachute jumping activity. AD in mountainous area; familiarization flight recommended.
NORDO ACFT and school Flights PPR. Contact TWR 5 MIN prior to ETA or VFR REPs.
HEL: No LDG area. After LDG airtaxi to the green parking area, following ATC instructions.
NOV - MAR ask for RWY condition.
Taxiing on paved RWY and TWY only.

VORSICHT: Segelflugaktivität und Fallschirmsprung. AD in bergigem Gebiet; Eingewöhnungsflug empfohlen.
NORDO ACFT und Schulflüge PPR. TWR 5 MIN vor ETA oder VFR REPs rufen.
HEL: Keine Landezone. Nach der Landung zur grünen Parkfläche schweben und Anweisungen von ATC folgen.
NOV - MAR nach Zustand der Piste fragen.
Rollvorgang nur auf der befestigten RWY und TWY.

ATTENTION: Activité planeurs et parachutage. AD en montagne; vol d'initiation recommandé.
NORDO ACFT et vols d'école PPR. Contacter la TWR 5 MIN avant ETA ou VFR REPs.
HEL: Pas de zone LDG. Après l'atterrissage le déplacement au parking vert s'effectue en translation aérienne, suivre l'instruction du contrôle.
NOV - MAR demander la condition de la piste.
Roulage sur RWY et TWY en asphalt seulement.