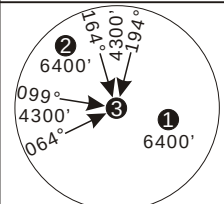


Valid for flight simulation use only - do not use for real life navigation

LFSB
BASLE-MULHOUSE

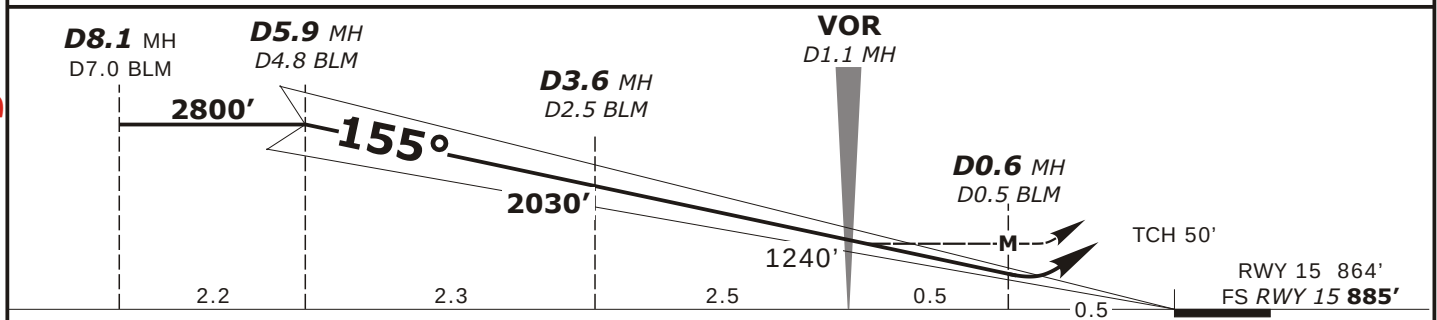
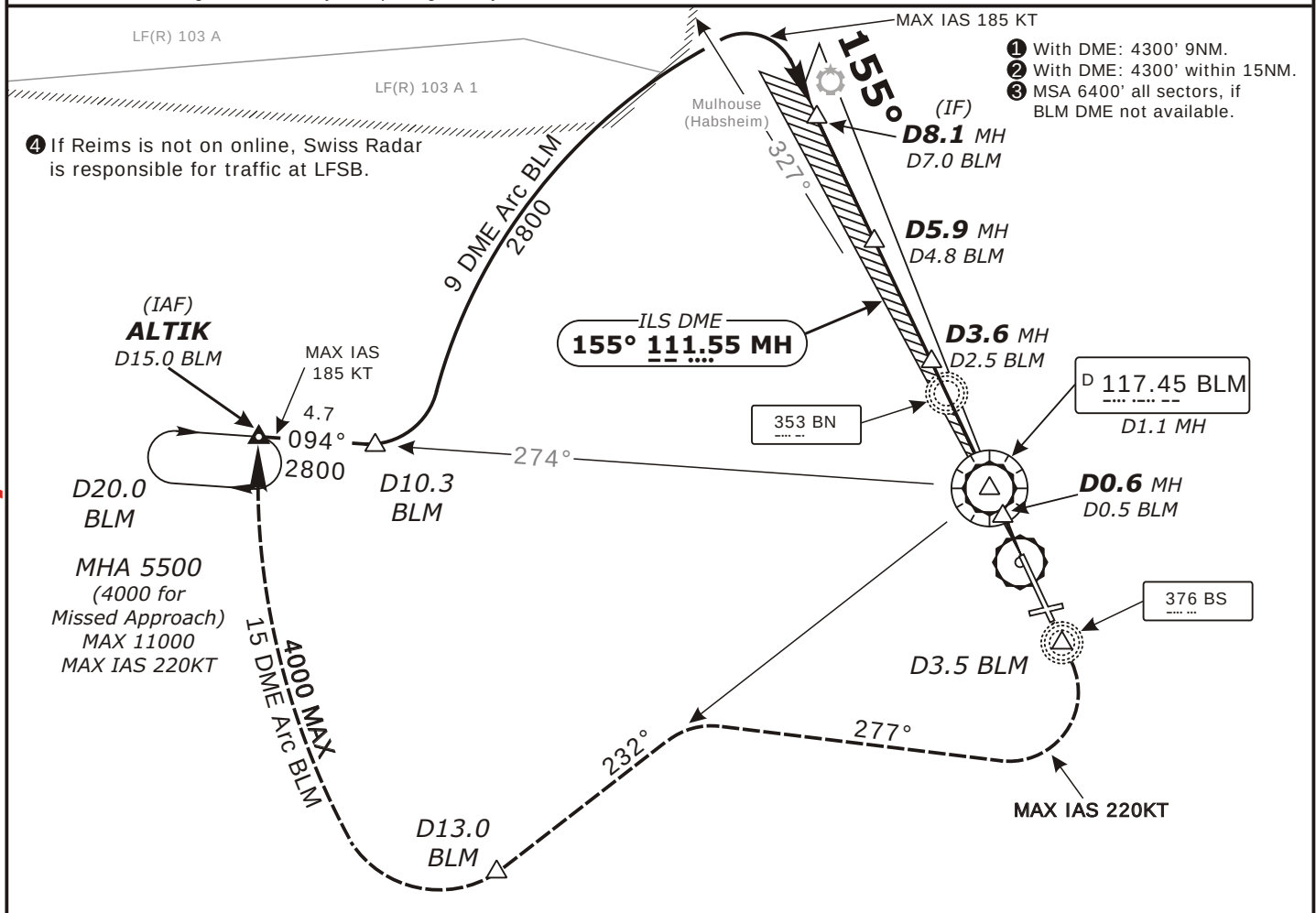
APP CHART NO.1
Revision 24 NOV 08

BASLE-MULHOUSE, FRANCE
CAT I & II ILS Rwy 15

Basle ATIS LFSB_ATIS 127.87	Reims Radar LFEE_CTR ④ 128.30	Swiss Radar LSAS_CTR ④ 128.05	Basle Approach LFSB_APP 119.35	Basle Tower LFSB_TWR 118.30	Basle Ground LFSB_GND 121.60
LOC MH 111.55	Final Apch Crs 155°	Minimum Alt D3.6 MH 2030' (1145')	ILS DA(H) Refer to Minimums	Apt Elev 885' RWY 864' FS: RWY 885'	 MSA BLM VOR
MISSED APCH: Climb STRAIGHT AHEAD to D3.5 BLM, then turn RIGHT onto 277°. Unless otherwise directed intercept BLM R-232. At MAX D13 BLM turn RIGHT onto 15 DME Arc BLM climbing to MAX 4000' to ALTIK. MAX IAS 220 KT. Climb to 3800' prior to level acceleration.					

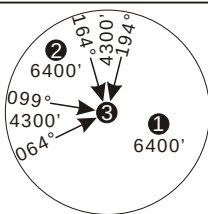
Alt Set: hPa Rwy Elev: 32 hPa Trans level: By ATC Trans alt: 7000'

1. Do not mistake lighted motorway for apch lights rwy 15.

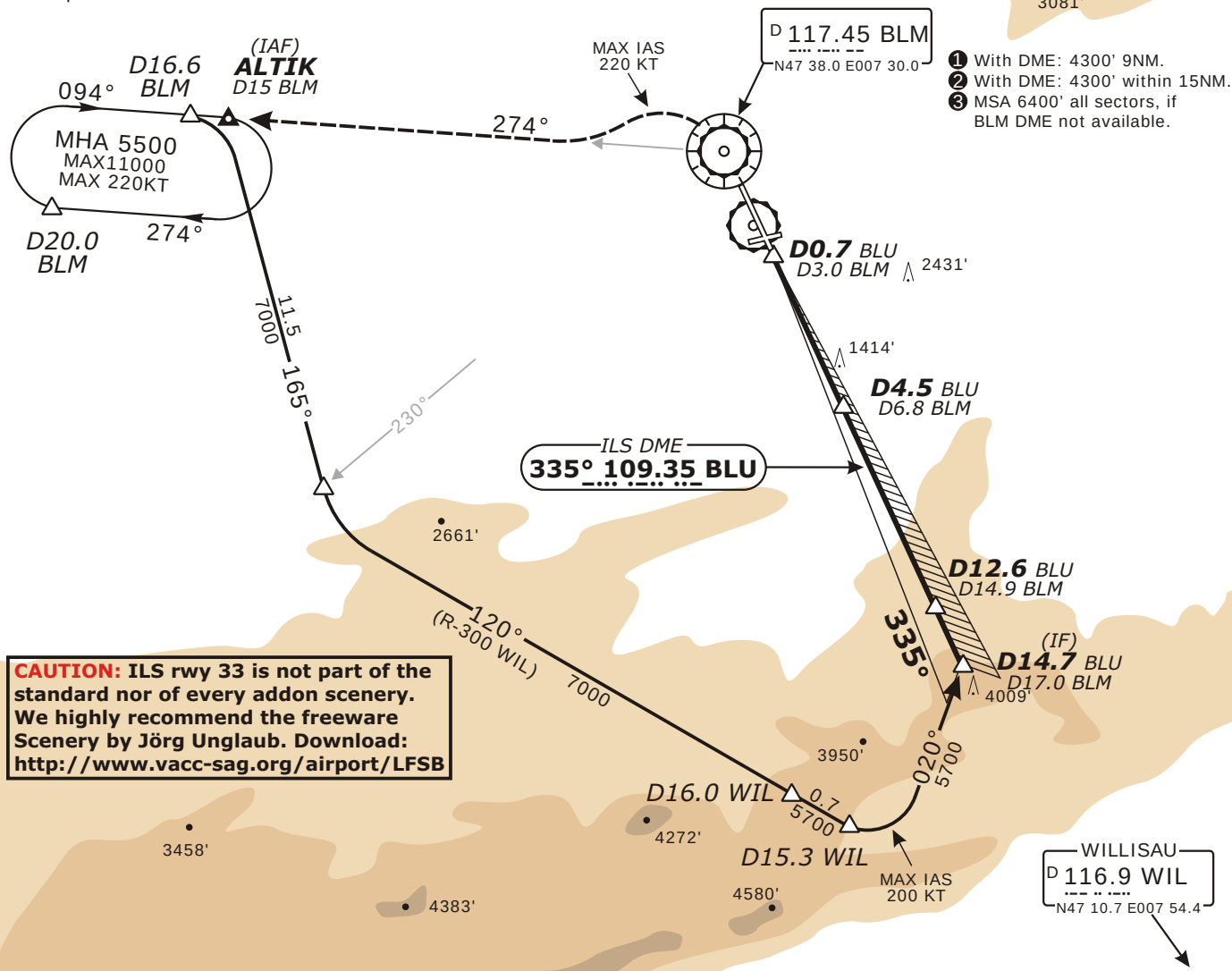


Gnd speed-Kts		70	90	100	120	140	160	HIALS REIL	
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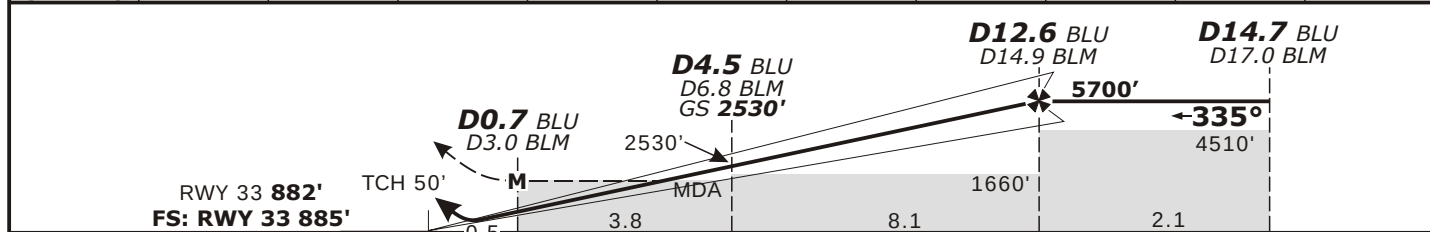
LFSB
BASLE-MULHOUSEAPP CHART NO.2
Revision 24 NOV 08**BASLE-MULHOUSE, FRANCE**
ILS Rwy 33

Basle ATIS LFSB_ATIS 127.87	Reims Radar LFEE_CTR ④ 128.30	Swiss Radar LSAS_CTR ④ 128.05	Basle Approach LFSB_APP 119.35	Basle Tower LFSB_TWR 118.30	Basle Ground LFSB_GND 121.60
LOC BLU 109.35	Final Apch Crs 335°	GS D4.5 BLU 2530' (1648')	ILS DA(H) 1132' (250')	Apt Elev 885' FS: RWY 885' RWY 882'	 MSA BLM VOR
MISSED APCH: Climb straight ahead to BLM VOR, then turn LEFT (MAX 220 KT) to intercept R-274 BLM to ALTIK climbing to 5000'. Climb to 3800' prior to level acceleration.					
Alt Set: hPa		Rwy Elev: 32 hPa	Trans level: By ATC		Trans alt: 7000'

④ If Reims is not on online, Swiss Radar is responsible for traffic at LFSB.



LOC	BLM DME	4.0	5.0	6.0	9.0	10.0	11.0	12.0	13.0	14.0
(GS out)	ALTITUDE	2369'	2750'	3112'	4227'	4598'	4970'	5342'	5713'	6085'



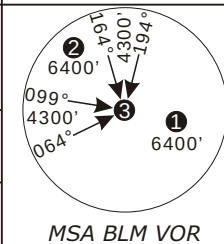
Flight Simulator-OPS		STRAIGHT-IN LANDING RWY 33		CIRCLE-TO-LAND		Gnd speed-Kts					
ILS		LOC (GS out)		CIRCLE-TO-LAND		Descent Gradient 3.50° or LOC Des Gradient 6.1%					
DA(H)		MDA (H) 1370' (485')		MDA(H) VIS		MAP at D0.7 BLU/D3.0 BLM					
RVR		RVR 1500m		RVR 2000m							
A	1085' (200')										
B	1085' (200')										
C	1095' (210')										
D	1115' (230')										

BASLE-MULHOUSE, FRANCE

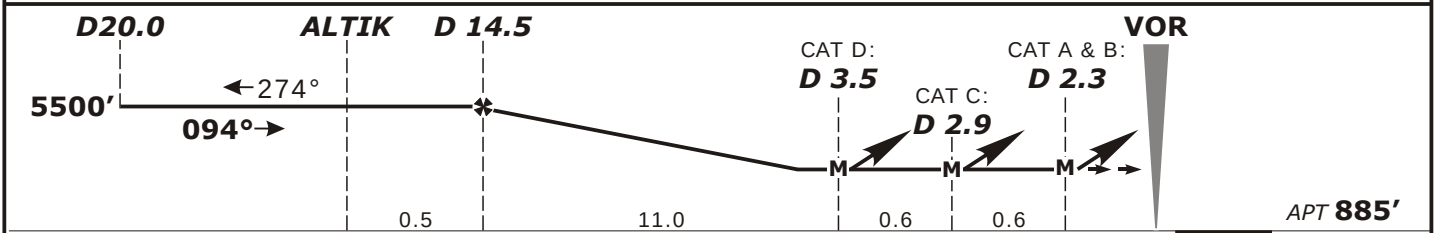
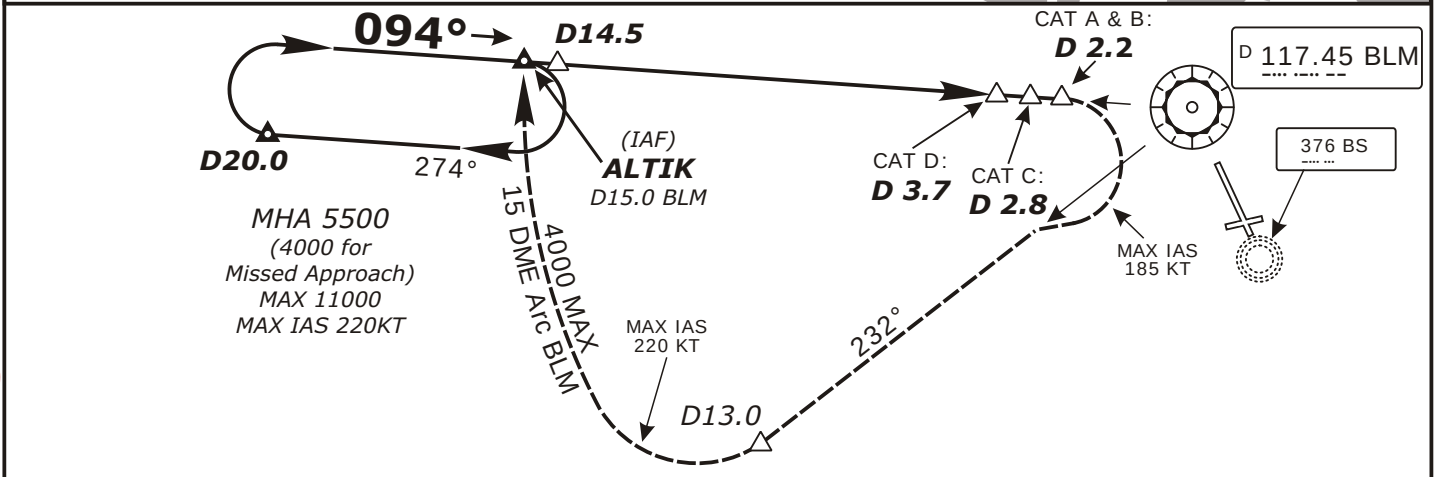
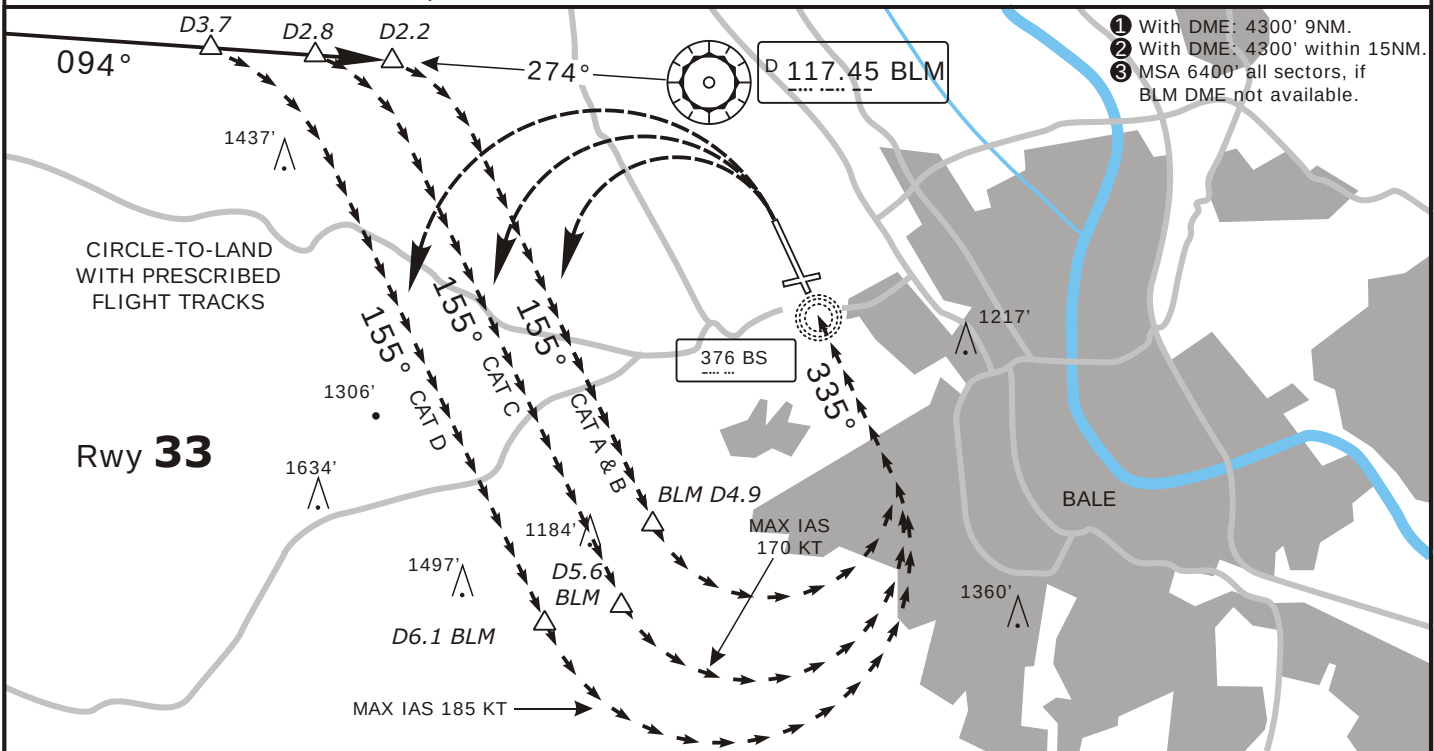
CIRCLING VOR DME Rwy 33

Basle ATIS LFSB_ATIS 127.87	Reims Radar LFEF_CTR ④ 128.30	Swiss Radar LSAS_CTR ④ 128.05	Basle Approach LFSB_APP 119.35	Basle Tower LFSB_TWR 118.30	Basle Ground LFSB_GND 121.60
VOR BLM 117.45	<i>Final Apch Crs</i> 094°	<i>Minimum Alt</i> D14.5 5500' (4615')	<i>MDA (H)</i> Refer to Minimums	<i>Apt Elev</i> 885'	

④ If Reims is not on online, Swiss Radar is responsible for traffic at LFSB.



Alt Set: hPa Rwy Elev: 32 hPa Trans level: By ATC Trans alt: 7000'



Flight Simulator-OPS														
BLM DME	8.0		7.0		6.0		5.0		4.0		3.0		CIRCLE-TO-LAND Circling height based on rwy 33 thresh elev of 885' MDA(H)_____VIS_____ 1645' (760') 5000m	
ALTITUDE	3460'		3190'		2830'		2510'		2200'		1880'			CAT A 110
Gnd speed-Kts		70	90	100	120	140	160	ALS REIL VASI 3 Bar	185 KT MAX ↻ RT	BLM 117.45 R-232	CAT B 135			
Descent Gradient 5.2%		369	474	527	632	737	843				CAT C 180			
MAP at CAT A & B: D2.2, C: D 2.8 and D: D3.7											CAT D 205			

Apt Elev **885'**

CIRCLE-TO-LAND
WITH PRESCRIBED FLIGHT TRACKS

Rwy **33**

D 117.45 BLM

Flight Simulator-OPS

	Max Kts	MDA(H)	VIS
CAT A	110	1600' (710')	5000m
CAT B	135		
CAT C	180	1860' (980')	5000m
CAT D	205	2110' (1230')	5000m

1634'

1306'

1276'

1184'

1497'

MAX IAS
160 KT

MAX IAS 185 KT

376 BS

1217'

BALE

1360'

Rwy **26**

CAT A, B & C

D 117.45 BLM

CAT C: 3.0

086°

100°

CAT A & B: 3.1

257°

376 BS

1217'

BALE

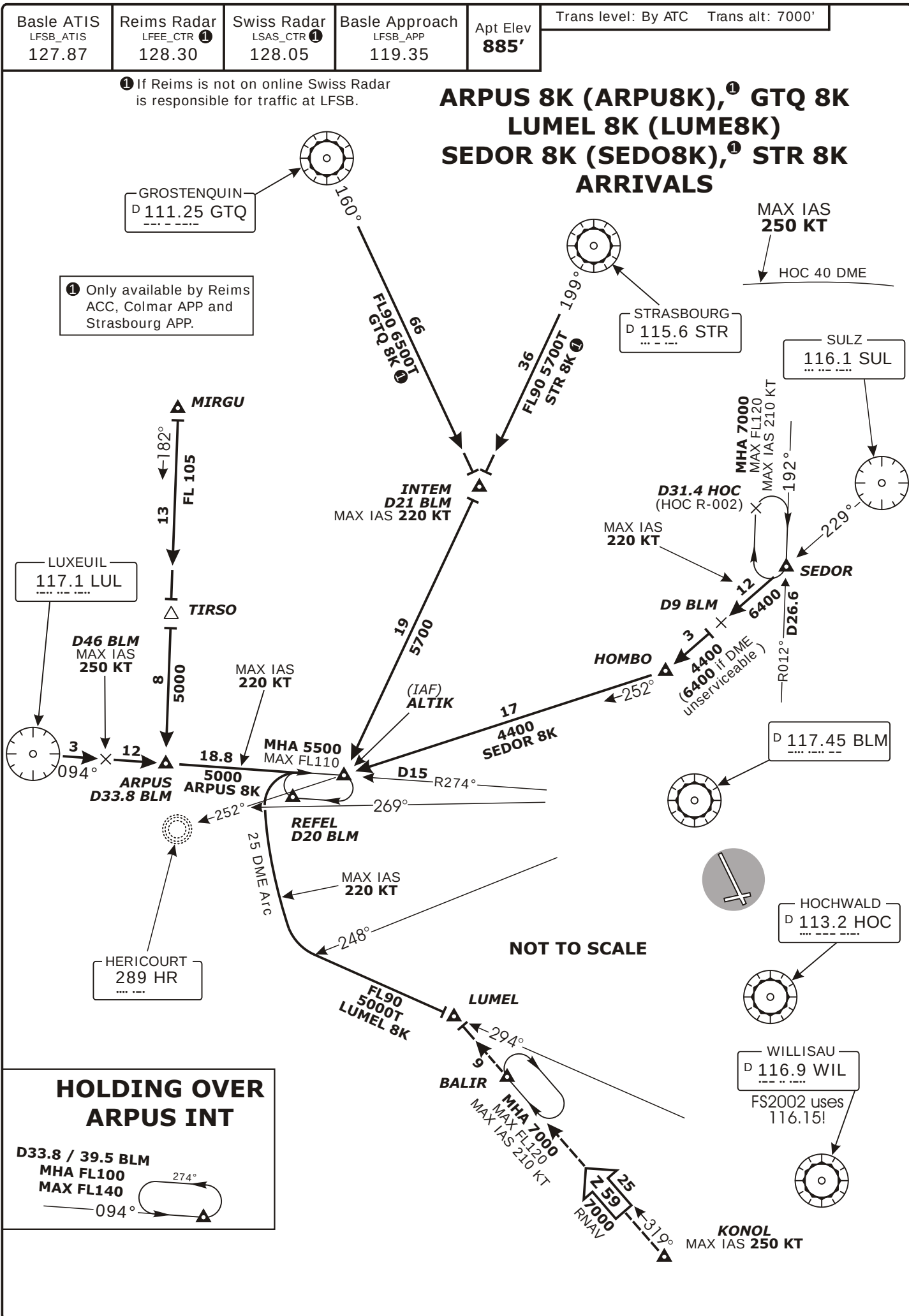
Flight Simulator-OPS

	Max Kts	MDA(H)	VIS
CAT A	110	1900' (1020')	1500m
CAT B	135	1900' (1020')	1600m
CAT C	180	1900' (1020')	2400m
CAT D	205	NOT APPLICABLE	

Valid for flight simulation use only - do not use for real life navigation

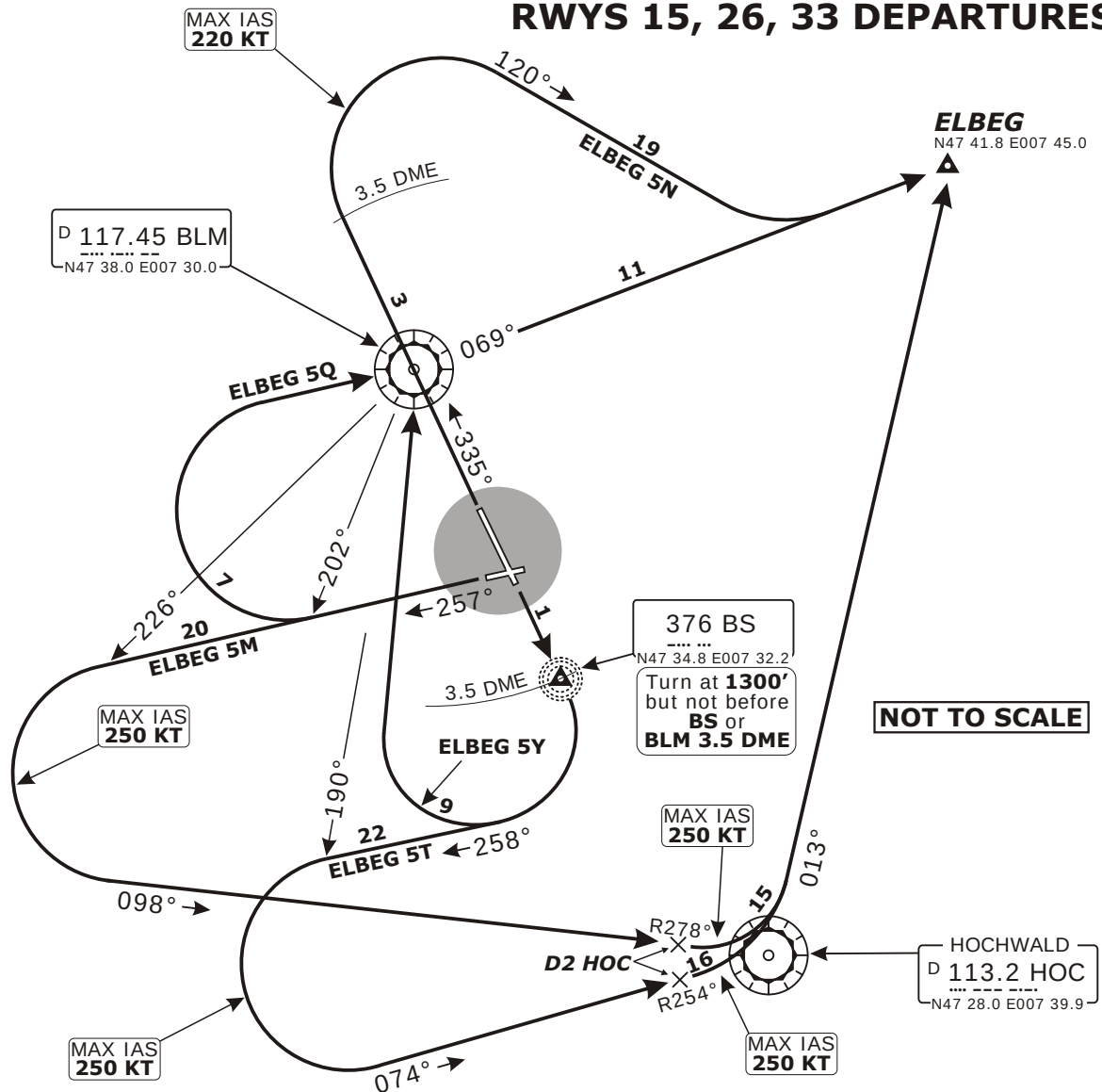
LFSB BASLE-MULHOUSE

BASLE-MULHOUSE, FRANCE



Reims Radar
LFEE_CTR ①
128.30Swiss Radar
LSAS_CTR ①
128.05Basle Approach
LFSB_APP
119.35Apt Elev
885'

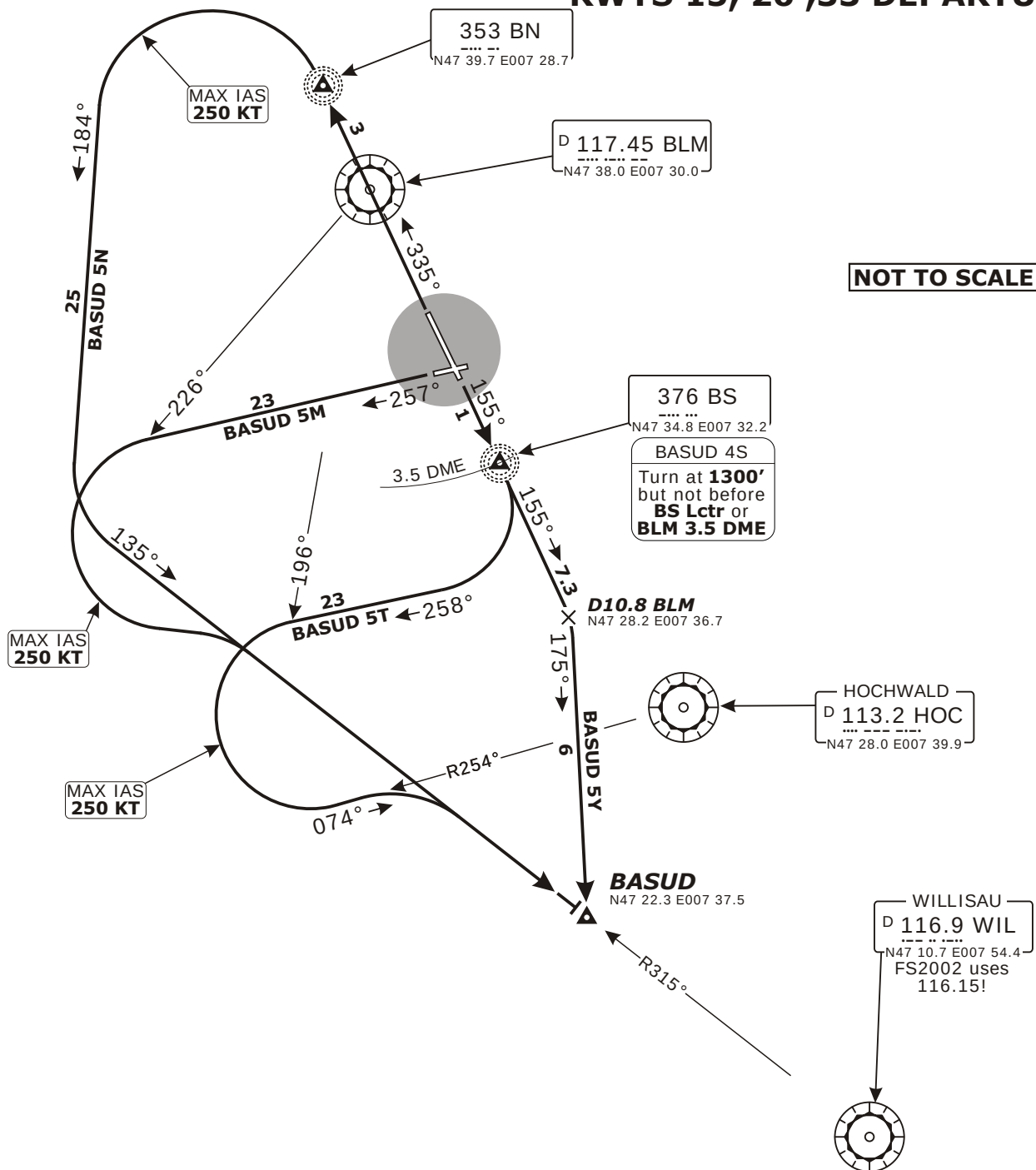
Trans level: By ATC Trans alt: 7000'

① If Reims is not on online, Swiss Radar
is responsible for traffic at LFSB.**ELBEG 5M, ELBEG 5N,
ELBEG 5Q, ELBEG 5T
ELBEG 5Y
RWYS 15, 26, 33 DEPARTURES**Initial climb clearance **7000'**

SID	RWY	ROUTING
ELBEG 5N	33	Climb on 335° track to BLM 3.5 DME, turn RIGHT, 120° track, intercept BLM R-069 to ELBEG.
ELBEG 5Y	15	Climb straight ahead, at 1300' , but not before BS Lctr or BLM 3.5 DME, turn RIGHT to BLM VORDME, intercept BLM R-069 to ELBEG.
ELBEG 5T		Climb straight ahead, at 1300' , but not before BS Lctr or BLM 3.5 DME, turn RIGHT, 258° track, when passing BLM R-190 turn LEFT (MAX IAS 250 KT), intercept HOC R-254 inbound to D2 HOC, intercept HOC R-013 (MAX IAS 250 KT) to ELBEG.
ELBEG 5Q	26	Climb straight ahead, when passing BLM R-202, turn RIGHT to BLM VORDME, intercept BLM R-069 to ELBEG.
ELBEG 5M		Climb straight ahead, when passing BLM R-226 turn LEFT (MAX IAS 250 KT), intercept HOC R-278 inbound to D2 HOC, intercept HOC R-013 (MAX IAS 250 KT) to ELBEG.

Reims Radar
LFEE_CTR ①
128.30Swiss Radar
LSAS_CTR ①
128.05Basle Approach
LFSB_APP
119.35Apt Elev
885'

Trans level: By ATC Trans alt: 7000'

① If Reims is not on online, Swiss Radar
is responsible for traffic at LFSB.**BASUD 5M, BASUD 5N
BASUD 5T, BASUD 5Y
RWYS 15, 26 ,33 DEPARTURES**

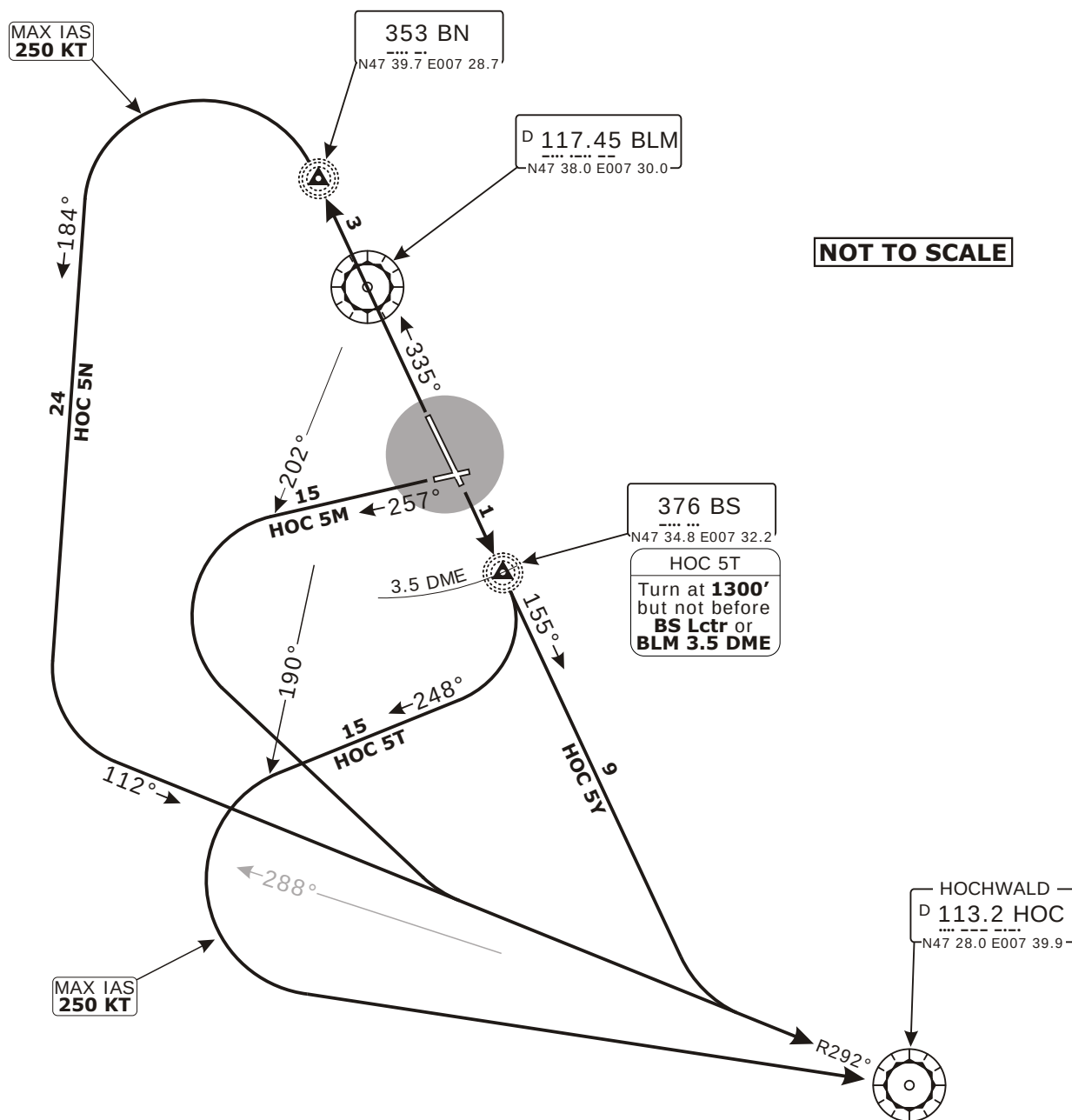
① On request between 0700-2200LT for aircraft authorized by airport authority

Initial climb clearance **7000'**

SID	RWY	ROUTING
BASUD 5N	33	Climb to BN NDB, turn LEFT (MAX IAS 250 KT), 184° track, intercept WIL R-315 inbound to BASUD.
BASUD 5T	15	Climb straight ahead, at 1300' , but not before BS Lctr or BLM 3.5 DME, turn RIGHT, 258° track, when passing BLM R-196 turn LEFT (MAX IAS 250 KT), 074° track, intercept WIL R-315 inbound to BASUD.
BASUD 5Y ①		Climb on Radial 155° BLM. At BLM 10.8 DME turn RIGHT, 175° track to BASUD.
BASUD 5M	26	Climb Straight ahead, when passing BLM R-226 turn LEFT (MAX IAS 250 KT), intercept WIL R-315 inbound to BASUD.

Reims Radar
LFEE_CTR ①
128.30Swiss Radar
LSAS_CTR ①
128.05Basle Approach
LFSB_APP
119.35Apt Elev
885'

Trans level: By ATC Trans alt: 7000'

① If Reims is not on online, Swiss Radar
is responsible for traffic at LFSB.**HOC 5M, HOC 5N
HOC 5T, HOC 5Y
RWYS 15, 26, 33 DEPARTURES**

① On request between 0700-2200LT for aircraft authorized by airport authority

Initial climb clearance 7000'

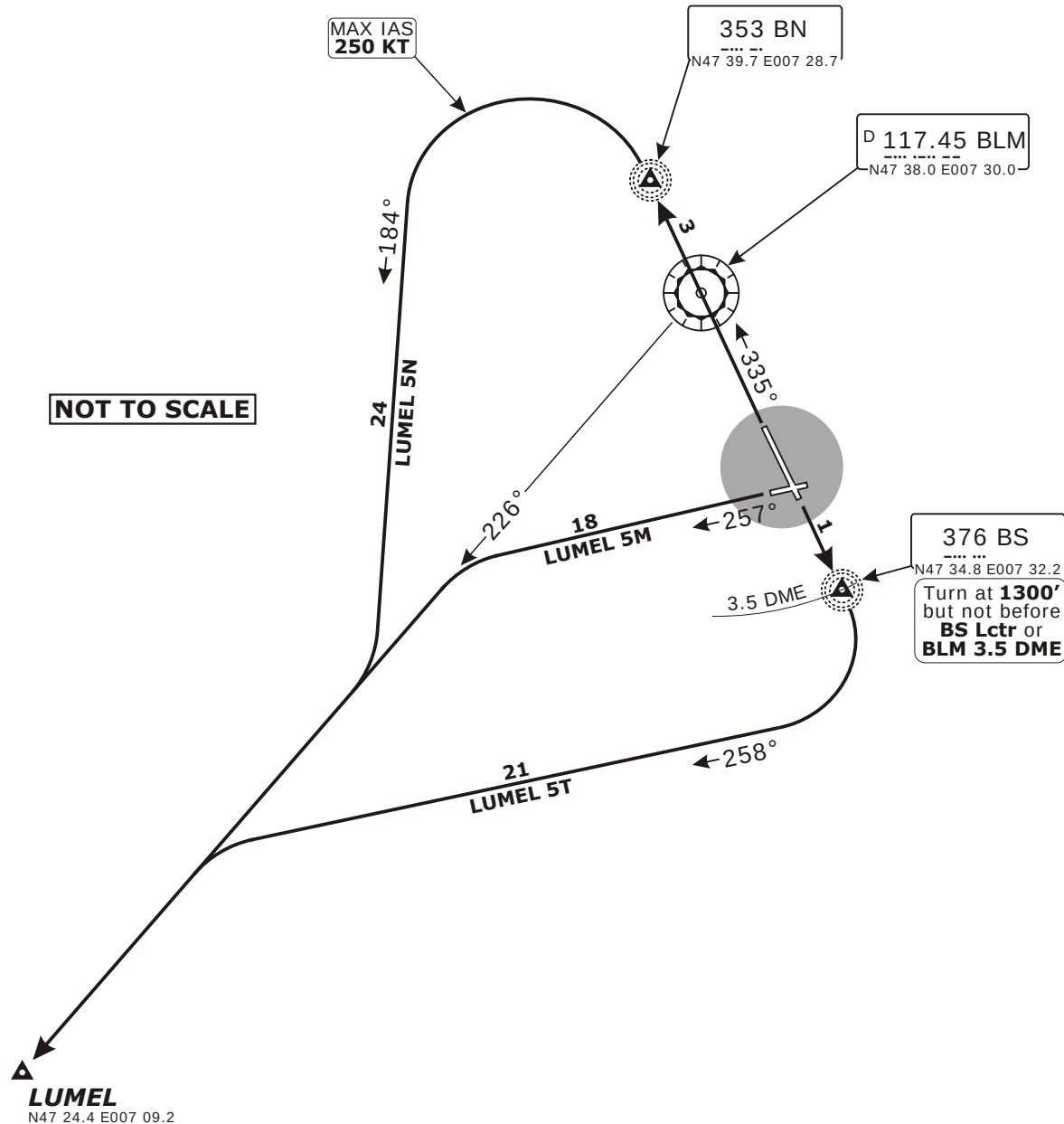
SID	RWY	ROUTING
HOC 5T	15	Climb straight ahead, at 1300' , but not before BS Lctr or BLM 3.5 DME, turn RIGHT, 248° track (remain north of HOC R-288), when passing BLM R-190 turn LEFT (MAX IAS 250 KT) to HOC.
HOC 5Y ①		Climb straight ahead, intercept 155° bearing from BS, intercept HOC R-292 inbound to HOC.
HOC 5N	33	Climb to BN, turn LEFT (MAX IAS 250 KT), 184° track, intercept HOC R-292 inbound to HOC.
HOC 5M	26	Climb straight ahead, when passing BLM R-202 turn LEFT, intercept HOC R-292 inbound to HOC.

Reims Radar
LFEE_CTR ①
128.30Swiss Radar
LSAS_CTR ①
128.05Basle Approach
LFSB_APP
119.35Apt Elev
885'

Trans level: By ATC Trans alt: 7000'

**LUMEL 5M, LUMEL 5N
LUMEL 5T
RWYS 15, 26, 33 DEPARTURES**

① If Reims is not on online, Swiss Radar is responsible for traffic at LFSB.

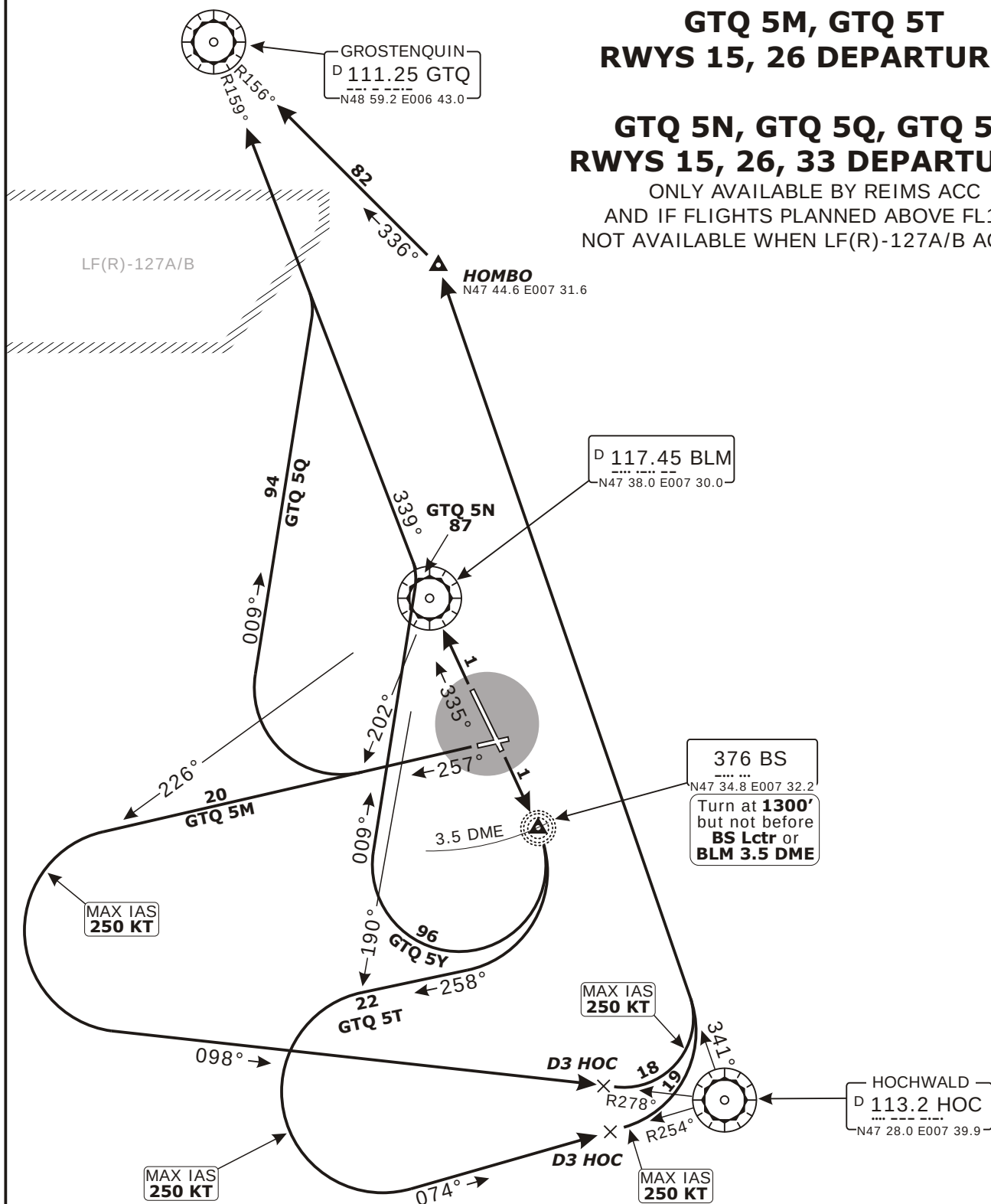
Initial climb clearance **7000'**

SID	RWY	ROUTING
LUMEL 5N	33	Climb to BN, turn LEFT (MAX IAS 250 KT), 184° track, intercept BLM R-226 to LUMEL.
LUMEL 5T	15	Climb straight ahead, at 1300' , but not before BS Lctr or BLM 3.5 DME, turn RIGHT, 258° track, intercept BLM R-226 to LUMEL.
LUMEL 5M	26	Climb straight ahead, intercept BLM R-226 to LUMEL.

Reims Radar
LFEE_CTR ①
128.30Swiss Radar
LSAS_CTR ①
128.05Basle Approach
LFSB_APP
119.35Apt Elev
885'

Trans level: By ATC Trans alt: 7000'

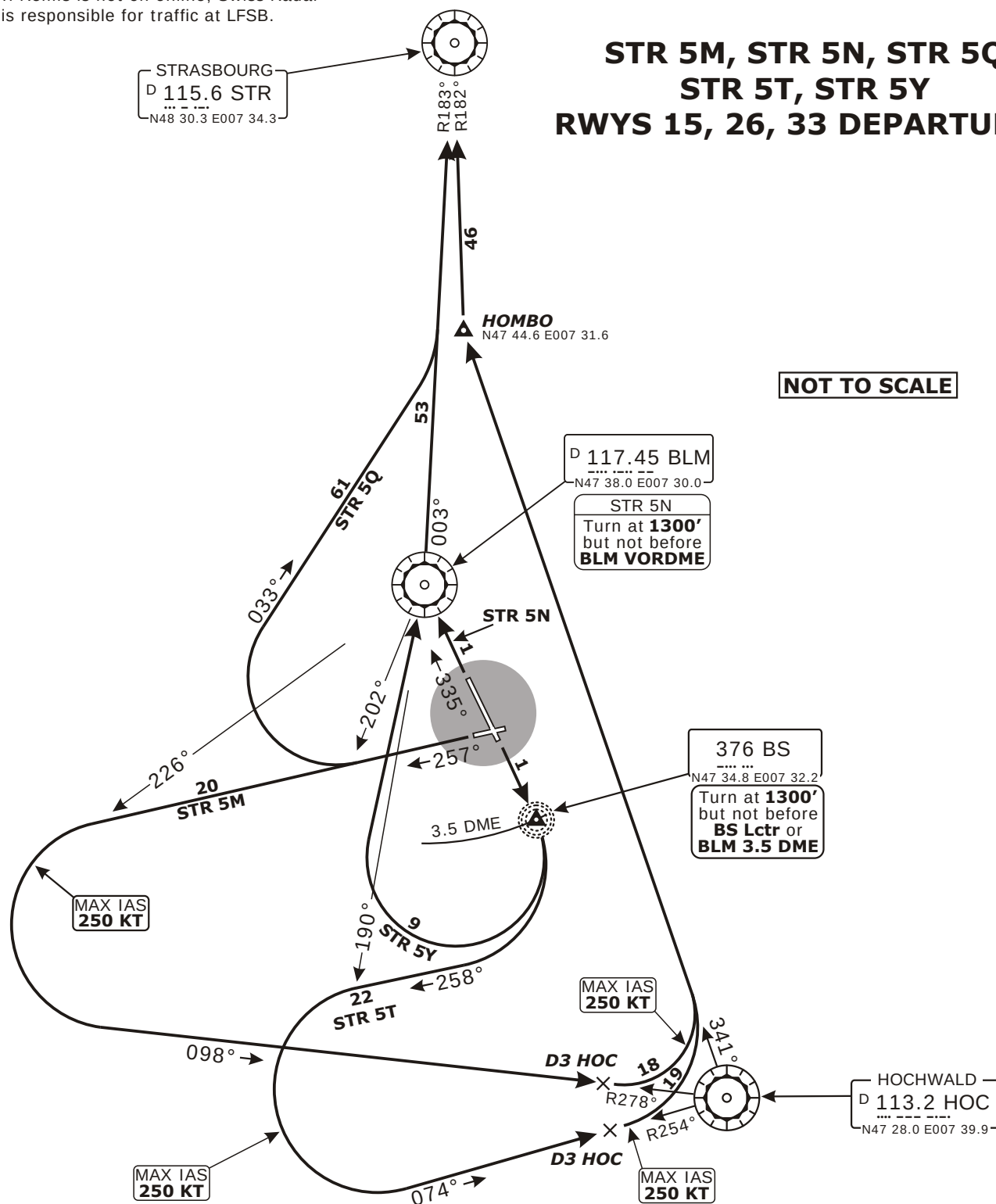
① If Reims is not on online, Swiss Radar is responsible for traffic at LFSB.

**GTQ 5M, GTQ 5T
RWYS 15, 26 DEPARTURES****GTQ 5N, GTQ 5Q, GTQ 5Y
RWYS 15, 26, 33 DEPARTURES**ONLY AVAILABLE BY REIMS ACC
AND IF FLIGHTS PLANNED ABOVE FL145
NOT AVAILABLE WHEN LF(R)-127A/B ACTIVEInitial climb clearance **7000'**

SID	RWY	ROUTING
GTQ 5M	26	Climb straight ahead, when passing BLM R-226 turn LEFT, intercept HOC R-278 inbound to D3 HOC, intercept HOC R-341 to HOMBO, intercept GTQ R-156 inbound to GTQ.
GTQ 5N	33	Climb to BLM, BLM R-339 to GTQ.
GTQ 5Q	26	Climb straight ahead, when passing BLM R-202 turn RIGHT, 009° track, intercept BLM R-339 to GTQ.
GTQ 5T	15	Climb straight ahead, at 1300' , but not before BS or BLM 3.5 DME, turn RIGHT, 258° track, when passing BLM R-190 turn LEFT, intercept HOC R-254 inbound to D3 HOC, intercept HOC R-341 to HOMBO, intercept GTQ R-156 inbound to GTQ.
GTQ 5Y		Climb straight ahead, at 1300' , but not before BS or BLM 3.5 DME, turn RIGHT, intercept BLM R-339 to GTQ.

Reims Radar
LFEE_CTR ①
128.30Swiss Radar
LSAS_CTR ①
128.05Basle Approach
LFSB_APP
119.35Apt Elev
885'

Trans level: By ATC Trans alt: 7000'

① If Reims is not on online, Swiss Radar
is responsible for traffic at LFSB.STRASBOURG
D 115.6 STR
N48 30.3 E007 34.3**STR 5M, STR 5N, STR 5Q
STR 5T, STR 5Y
RWYS 15, 26, 33 DEPARTURES****NOT TO SCALE****Initial climb clearance 7000'**

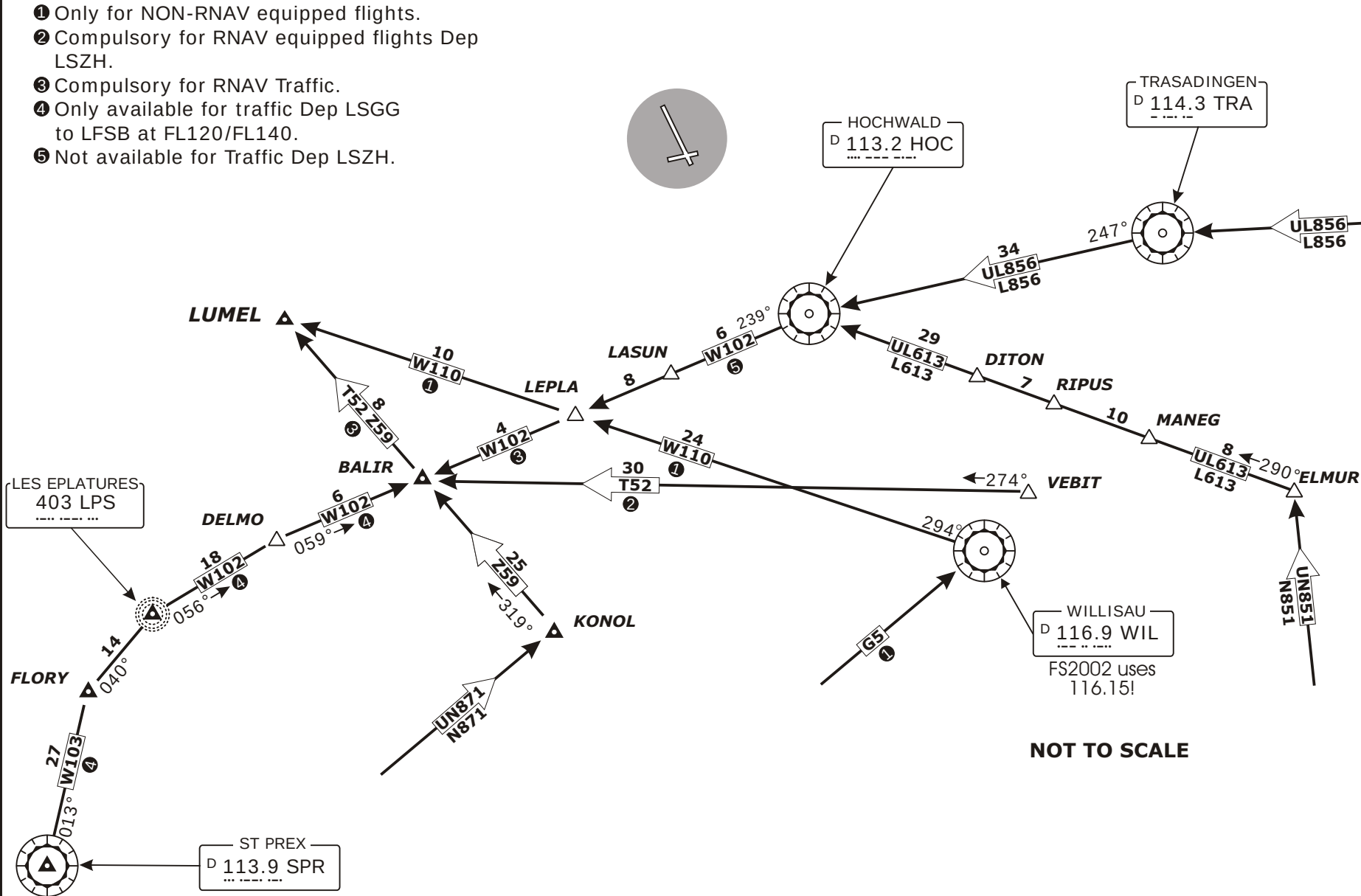
SID	RWY	ROUTING
STR 5M	26	Climb straight ahead, when passing BLM R-226 turn LEFT, intercept HOC R-278 inbound to D3 HOC, intercept HOC R-341 to HOMBO, intercept STR R-182 inbound to STR.
STR 5N	33	Climb straight ahead, at 1300' , but not before BLM, turn RIGHT, intercept BLM R-003 to STR.
STR 5Q	26	Climb straight ahead, when passing BLM R-202 turn RIGHT, 033° track, intercept BLM R-003 to STR.
STR 5T	15	Climb straight ahead, at 1300' , but not before BS or BLM 3.5 DME, turn RIGHT to 258° track, when passing BLM R-190 turn LEFT, intercept HOC R-254 to D3 HOC, intercept HOC R-341 to HOMBO, intercept STR R-182 to STR.
STR 5Y		Climb straight ahead, at 1300' , but not before BS or BLM 3.5 DME, turn RIGHT to BLM, BLM R-003 to STR.

Basle ATIS LFSB_ATIS 127.87	Reims Radar LFEE_CTR ⑥ 128.30	Swiss Radar LSAS_CTR ⑥ 128.05	Basle Approach LFSB_APP 119.35	Apt Elev 885'
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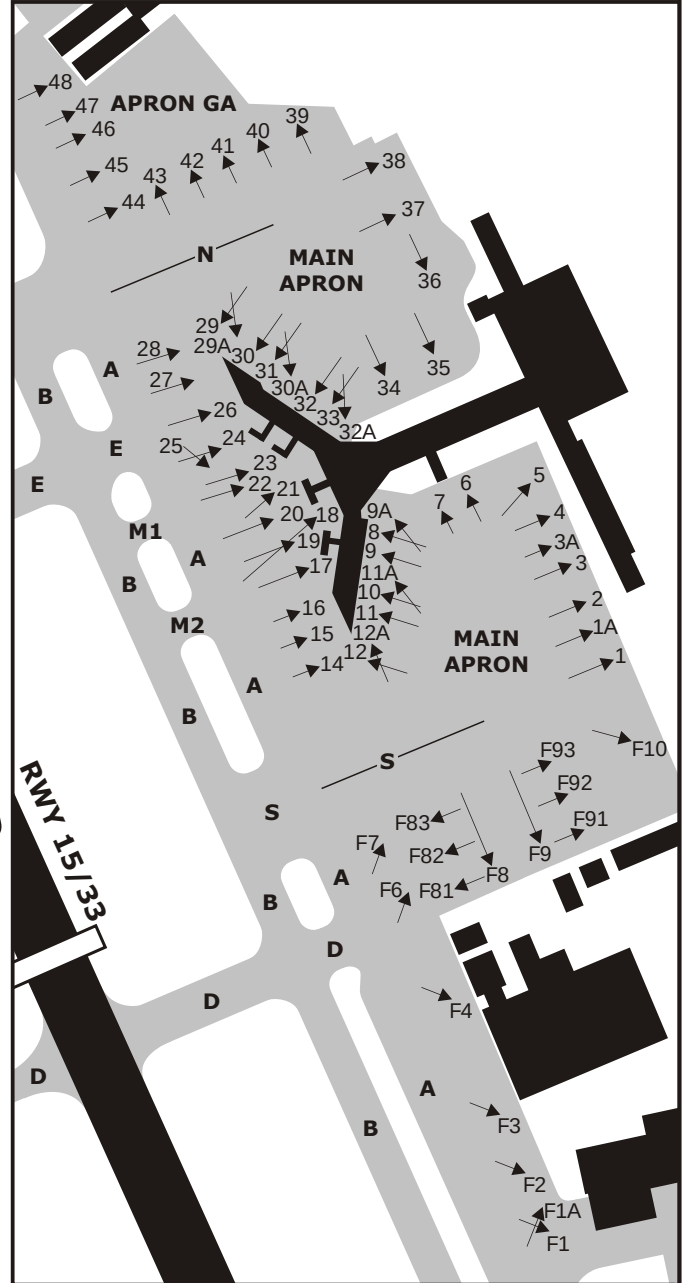
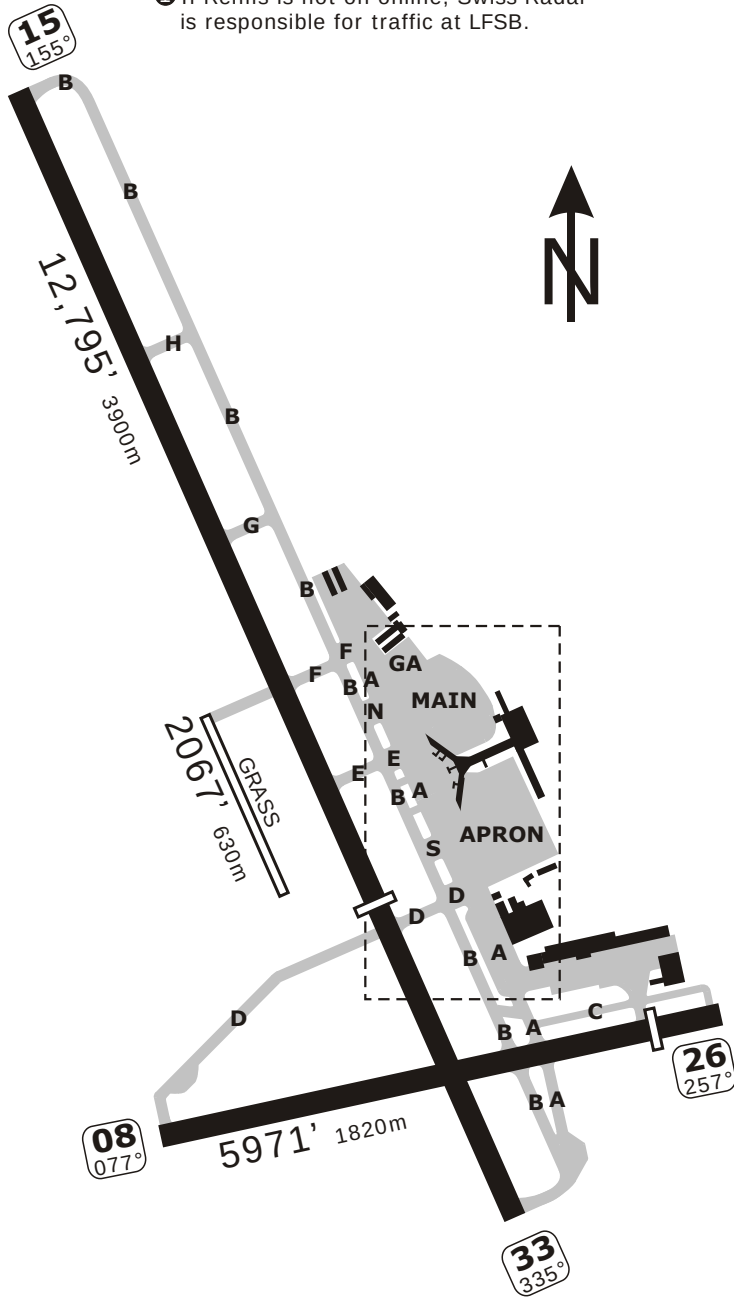
Trans level: By ATC Trans alt: 7000'

Preferred Inbound Routes to LUMEL

6 If Reims is not on online Swiss Radar is responsible for traffic at LFSB.



NOT TO SCALE

Reims Radar
LFEE_CTR ①
128.30Swiss Radar
LSAS_CTR ①
128.05Basle Approach
LFSB_APP
119.35Basle Tower
LFSB_TWR
118.30Basle Ground
LFSB_GND
121.60Apt Elev
885'① If Reims is not on online, Swiss Radar
is responsible for traffic at LFSB.ADDITIONAL RUNWAY INFORMATION
USABLE LENGTHS

RWY		LANDING BEYOND		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
08	RL ALS			NIL	197'
26	RL PAPI-L (angle 3.0°)	5249' 1600m			60m
15	HIRL CL HIALS-II TDZ		11,860' 3615m		197'
33	HIRL CL ALS REIL VASI (3 bar)	9120' 2780m	8208' 2502m		60m