



**Tradewind VA**



**Flight Briefing Package**

**TCC212B EDSB-LHBP**

**28-Jul-2019 #2**

RELEASE #2

KARLSRUHE/BADEN-BADEN  
(GERMANY)

-

LISZT FERENC INTL  
(HUNGARY)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

28 JUL 1535 UTC

<b>Fuel Planning (kg)</b>	<b>EU-OPS</b>	<b>Fuel</b>	<b>Time</b>
TRIP		9.070	01:18
CONT 5%		488	00:05
HOLD	LHBP	1.955	00:20
ALTN	LOWW	2.976	00:25
FINAL RESV		2.931	00:30
ADD FUEL		499	00:05
MIN T/O		17.919	02:43
EXTRA		1.466	00:15
TAXI		780	00:15
RELEASE	EDSB	20.165	03:13
ARR FUEL	LHBP	9.691	01:28

<b>Load Planning (kg)</b>	<b>PJTGD</b>	<b>Plan</b>	<b>Limit</b>
Empty Weight		156.146	
Payload	266+0 Pax	25.004	
Zero Fuel Weight	Limit	181.150	209.106
Fuel		20.165	162.613
Ramp Weight		201.315	348.359
Take-Off Weight EDSB		200.535	287.109
Landing Weight LHBP		191.465	223.167
Underload		27.956	Lim ZFW
Max Extra Fuel		31.702	Lim LDW

<b>Cost Planning</b>			
Flight Time	01:18\$	7.395	
Fuel	10.474\$	9.808	
Total		\$ 17.203	
Per Pax		\$ 65	
Per 3.000 kg Payload		\$ 2.064	

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC212B PJTGD EDSB-LHBP

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 28JUL/1715Z  
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OPF 2 - PREPARED 28JUL/1535Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR212B/TCC212B PJTGD/B777-2LR GE SEL/EFAD ROUTE: EDSBLHBP01

DEP: EDSB/FKB 21 ELEV 409 FT COST INDEX: 250 TTL G/C DIST: 455 NM  
 ARR: LHBP/BUD 13L ELEV 496 FT INIT ALT: FL230 TTL F/P DIST: 537 NM  
 FUEL BIAS: 100.5% TTL AIR DIST: 553 NM  
 AVG WIND CMP: HD012 KT

ALT: LOWW/VIE 16 ELEV 600 FT 132 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	266	0	25004	27956 ZFW	MAX 209106	287109	223167
						PLN 181150	200535	191465
						ACT .....	.....	.....

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 \*\* TAKE-OFF DATA EDSB 21 \*\*

COND: 200535 KG // RWY DRY // +20C Q1005 240/06 // LMT: FIELD  
 CONFIG: FLAPS 5 // D-T02 +70C // A/I OFF/AUTO // A/C ON  
 SPEEDS: V1=128 VR=141 V2=141  
 ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	9070	.....	01:18	
CONT 5%	488	.....	00:05	
ALTN LOWW	2976	.....	00:25	
FINAL RESV	2931	.....	00:30	
HOLD	1955	.....	00:20	
ADD FUEL	499	.....	00:05	
MIN T/O	17919	.....	02:43	.....
EXTRA	1466	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	780	.....	00:15	
RELEASE	20165	.....	03:13	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	9691	.....	01:28	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 33168 KG LIM BY LDW  
 TRIP CORR FOR 3000 KG TOW INCR: +62 KG / 3000 KG TOW DECR: -58 KG  
 2000 FT LOWER: +304 KG / EET 01:19 CLB: 250/310/84 DES: 84/320/250

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 EDSB STD 17:15Z/19:15L ETD 17:15Z ACT OFBL .... EST T/O 17:30Z ACT T/O ....  
 LHBP STA 18:50Z/20:50L ETA 19:00Z ACT ONBL .... EST LDG 18:48Z ACT LDG ....  
 SKD 01:35 PLN 01:45 TTL BLCK .... EST FLT 01:18 TTL FLT ....  
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ATC ROUTE: N0468F230 GAGS1Z GAGSI Y712 LBU L173 RIXED/N0492F370 Y161 RIDAR UZ98  
 MIQ UL605 ESEGA DCT MEDEL DCT MAREG DCT ANEXA ANEX2L

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
LOWW/16	132	FL200	056	TL014	00:25	2976	-	NATEX NATE1W

MOST CRITICAL MORA 7200 FT AT ESEGA

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
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-FIR	NAME	ISA	WND/SPD	GS	REM	POSITION	ETO / ATO
	<b>EDSB/21</b> KARLSRUHE/BADEN-BADE	409	055			19.4 / 0.8 N4847.3 E00805.4	...../.....
GAGS1Z	<b>SB041</b>	209	*CLB 059 P07 305/007		8 529	18.2 / 2.0 N4840.2 E00758.7	03 00.03 ...../.....
GAGS1Z	<b>SB042</b>	144	*CLB 059 P08 290/004		6 523	17.8 / 2.3 N4835.6 E00803.2	01 00.04 ...../.....
GAGS1Z	<b>GAGSI</b>	080	*CLB 055 P10 163/006		17 507	17.1 / 3.1 N4837.8 E00828.0	02 00.06 ...../.....
Y712	<b>*TOC</b>	080	FL230 055 P10 163/006	468 467	1 506	17.0 / 3.1 N4837.9 E00828.8	00 00.06 ...../.....
Y712	<b>UBASI</b>	080	FL230 055 P10 156/007	468 467	10 497	16.9 / 3.3 N4839.1 E00843.4	02 00.08 ...../.....
Y712	<b>KOVAN</b>	043	FL230 055 P10 152/008	468 471	20 477	16.6 / 3.6 N4853.0 E00905.1	02 00.10 ...../.....
Y712	<b>LBU</b> LUBURG	077	FL230 046 <b>109.20</b> P10 153/008	468 466	10 466	16.4 / 3.8 N4854.8 E00920.4	01 00.11 ...../.....
L173	<b>GUPIN</b>	094	FL230 046 P11 154/007	468 464	16 450	16.1 / 4.0 N4853.0 E00944.9	03 00.14 ...../.....
L173 -EDMM	<b>*BDRY</b>	094	FL230 046 P11 153/007	468 464	7 444	16.0 / 4.1 N4852.2 E00954.9	00 00.14 ...../.....
L173	<b>ABTAL</b>	094	FL230 046 P11 147/006	469 464	8 436	15.9 / 4.3 N4851.3 E01006.4	01 00.15 ...../.....
	<b>EDDS</b>	094	FL230 040 P11 145/006		4 432	15.8 / 4.3 N4850.8 E01012.4	01 00.16 ...../.....
L173	<b>RIXED</b>	094	*CLB 040 P11 128/006		8 424	15.7 / 4.5 N4849.8 E01025.1	01 00.17 ...../.....
Y161 -EDUU	<b>*BDRY</b>	130	*CLB 040 P10 138/009		3 420	15.6 / 4.6 N4847.4 E01029.0	00 00.17 ...../.....
Y161	<b>DODIL</b>	130	*CLB 040 P09 145/012		5 415	15.4 / 4.8 N4844.0 E01034.4	01 00.18 ...../.....
Y161	<b>REDVO</b>	130	*CLB 040 P09 151/016		7 408	15.2 / 5.0 N4839.5 E01041.6	01 00.19 ...../.....
Y161	<b>RIDAR</b>	131	*CLB 040 P08 158/018		6 402	15.0 / 5.2 N4835.3 E01048.2	01 00.20 ...../.....
UZ98	<b>WLD</b> WALDA	089	*CLB 040 <b>112.80</b> P06 185/018		13 389	14.6 / 5.5 N4834.8 E01107.8	01 00.21 ...../.....
UZ98	<b>MIQ</b> MIKE	088	FL370 037 <b>426.0</b> P04 180/016	492 493	19 371	14.3 / 5.8 N4834.2 E01135.9	03 00.24 ...../.....
	<b>EDDM</b>	099	FL370 050 P04 166/011		22 348	14.0 / 6.1 N4829.3 E01208.9	02 00.26 ...../.....
	<b>LOWW</b>	099	FL370 050 P04 163/011		3 345	14.0 / 6.2 N4828.7 E01213.3	01 00.27 ...../.....

UL605	DOSEL	099	FL370	050	493	11	13.9 /	6.3	01	00.28
			P04	155/014	486	335	N4826.3	E01228.9	...../.....	
UL605	BIBAG	099	FL370	050	493	11	13.7 /	6.4	01	00.29
			P04	146/014	484	324	N4823.8	E01245.0	...../.....	
UL605 -LOVV	ESEGA	106	FL370	072	494	18	13.5 /	6.7	03	00.32
			P04	133/015	482	306	N4817.8	E01310.9	...../.....	
DCT	MEDEL	101	FL370	072	494	20	13.3 /	6.9	02	00.34
			P05	122/015	481	285	N4812.4	E01340.2	...../.....	
DCT -LZBB	MAREG	085	FL370	072	496	132	11.6 /	8.6	17	00.51
			P06	126/020	479	153	N4811.4	E01658.2	...../.....	
DCT	*TOD	103	FL370	045	497	40	11.1 /	9.1	05	00.56
			P06	138/024	475	113	N4758.9	E01755.5	...../.....	
DCT	ANEXA	104	*DES	045		24	11.0 /	9.2	03	00.59
			P10	131/016		89	N4751.3	E01829.2	...../.....	
ANEX2L -LHCC	*BDRY	161	*DES	045		5	11.0 /	9.2	01	01.00
			P11	137/017		83	N4746.0	E01831.2	...../.....	
	LHBP	161	*DES	045		5	11.0 /	9.2	00	01.00
			P12	133/017		78	N4740.8	E01833.2	...../.....	
ANEX2L	SOMOK	161	*DES	045		4	11.0 /	9.2	01	01.01
			P12	140/019		74	N4737.4	E01834.5	...../.....	
ANEX2L	BP423	129	*DES	045		7	10.9 /	9.2	01	01.02
			P12	144/021		68	N4732.8	E01841.6	...../.....	
ANEX2L	BP422	127	*DES	045		6	10.9 /	9.2	01	01.03
			P12	150/022		62	N4728.8	E01848.2	...../.....	
ANEX2L	BP421	127	*DES	045		6	10.9 /	9.3	01	01.04
			P11	154/024		56	N4724.8	E01854.8	...../.....	
ANEX2L	BP420	038	*DES	045		5	10.9 /	9.3	00	01.04
			P10	158/025		51	N4728.5	E01859.8	...../.....	
ANEX2L	BP419	307	*DES	045		6	10.8 /	9.3	02	01.06
			P10	157/025		45	N4732.5	E01853.3	...../.....	
ANEX2L	BP418	307	*DES	045		6	10.8 /	9.3	01	01.07
			P09	156/025		39	N4736.5	E01846.7	...../.....	
ANEX2L	BP417	307	*DES	045		6	10.8 /	9.4	01	01.08
			P09	157/025		33	N4740.5	E01840.1	...../.....	
ANEX2L	BP511	038	*DES	045		6	10.7 /	9.4	01	01.09
			P09	156/024		27	N4744.8	E01846.0	...../.....	
ANEX2L	NARUT	127	*DES	045		6	10.7 /	9.5	01	01.10
			P09	156/021		21	N4740.9	E01852.4	...../.....	
ANEX2L	LHBP/13L	127	496	046		21	10.3 /	9.8	08	01.18
	LISZT FERENC INTL						N4726.7	E01915.5	...../.....	

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WIND INFORMATION - OBS 28/JUL 06:00

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(CLIMB)                      KOVAN                      ABTAL                      MIQ  
FL360 185/028 -50    FL270 172/018 -30    FL270 160/015 -30    FL410 185/015 -53  
FL290 181/017 -36    FL250 164/013 -25    FL250 156/010 -25    FL390 184/017 -55  
FL210 174/005 -16    FL230 152/009 -20    FL230 148/007 -20    FL370 181/016 -52  
FL140 278/003 -4    FL210 151/006 -16    FL210 133/006 -16    FL350 175/016 -49  
FL070 304/013 +6    FL190 146/003 -12    FL190 113/005 -12    FL330 166/015 -44

DOSEL                      ESEGA                      MAREG                      (DESCENT)  
FL410 168/013 -53    FL410 148/013 -53    FL410 149/016 -53    FL360 133/023 -48  
FL390 161/015 -55    FL390 137/015 -55    FL390 133/022 -53    FL290 126/017 -33  
FL370 156/015 -52    FL370 134/015 -52    FL370 126/021 -51    FL210 148/020 -15  
FL350 149/014 -48    FL350 131/014 -48    FL350 117/018 -47    FL140 153/024 -3  
FL330 143/014 -44    FL330 129/014 -44    FL330 114/015 -43    7000 155/021 +10

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END FLIGHTPLAN 03296 TCC212B PJTGD EDSB-LHBP 28JUL2019

[ATC FLIGHTPLAN]

(FPL-TCC212B-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-EDSB1715

-N0468F230 GAGSI Y712 LBU L173 RIXED/N0492F370 Y161 RIDAR UZ98

MIQ UL605 ESEGA DCT MEDEL DCT MAREG DCT ANEXA

-LHBP0118 LOWW

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/190728 REG/PJTGD

EET/EDMM0014 EDUU0017 LOVV0032 LZBB0051 LHCC0100

SEL/EFAD CODE/484DC6 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/D

RMK/TCAS

-E/0258)

[PLANNING WEATHER]

**ORIGIN: EDSB/FKB (KARLSRUHE/BADEN-BADEN, GERMANY)**

**UTC +02:00**

EDSB 281520Z 28007KT 200V320 9999 BKN019 OVC026 20/16 Q1005  
EDSB 281100Z 2812/2912 24006KT 9999 BKN035  
PROB30 TEMPO 2812/2817 4500 SHRA SCT025CB

**DESTINATION: LHBP/BUD (LISZT FERENC INTL, HUNGARY)**

**UTC +02:00**

LHBP 281500Z 35005KT 310V030 9999 FEW032 BKN120 27/21 Q1001 NOSIG  
LHBP 281115Z 2812/2912 08009KT 9999 SCT030  
TEMPO 2812/2824 VRB18G36KT 2000 TSRA SHRA SCT025CB BKN050  
TEMPO 2900/2909 SHRA TSRA SCT015 SCT030CB  
BECMG 2906/2909 VRB03KT

**ALTERNATE: LOWW/VIE (SCHWECHAT, AUSTRIA)**

**UTC +02:00**

LOWW 281520Z 11008KT 9999 FEW035 FEW035CB BKN075 27/19 Q1001 NOSIG  
LOWW 281415Z 2815/2921 14010KT 9999 SCT025 FEW050CB BKN130 TX25/2915Z  
TN19/2902Z  
TEMPO 2815/2822 14015G25KT 4000 TSRA BKN025 SCT030CB  
BECMG 2822/2824 35004KT 8000 SCT010 BKN015  
TEMPO 2822/2908 4000 SHRA BKN008 SCT020TCU  
BECMG 2908/2910 30012KT 9999 SCT030 BKN100  
PROB30 TEMPO 2912/2917 30015G25KT 8000 TSRA BKN040 FEW050CB

**ADEQUATE: EDDS/STR (STUTT GART, GERMANY)**

**UTC +02:00**

EDDS 281520Z 33011KT 9999 -SHRA FEW008 FEW018CB SCT023 22/17 Q1004 NOSIG  
EDDS 281100Z 2812/2912 30010KT 9999 BKN012  
BECMG 2812/2815 BKN030  
TEMPO 2812/2822 4000 SHRA SCT020CB  
PROB30 TEMPO 2812/2817 2000 TSRA BKN015CB  
BECMG 2820/2822 25004KT

**ADEQUATE: EDDM/MUC (MUNICH, GERMANY)**

**UTC +02:00**

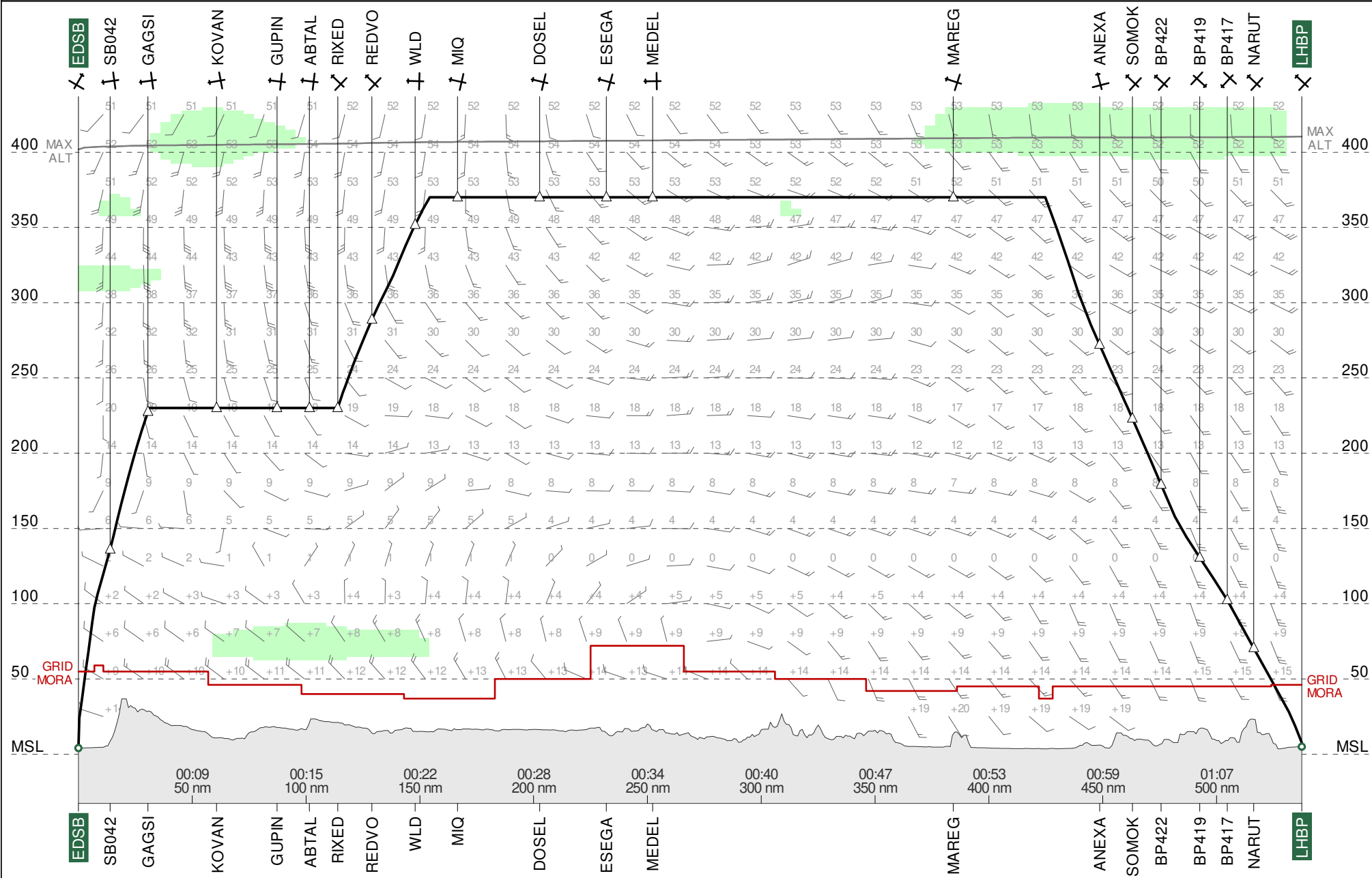
EDDM 281520Z 30007KT 280V340 9999 -SHRA FEW025CB SCT040 22/18 Q1002 TEMPO  
01015KT SHRA  
EDDM 281100Z 2812/2918 28008KT 9999 SCT015 BKN035  
PROB30 TEMPO 2812/2820 4000 TSRA BKN013 BKN025CB  
TEMPO 2820/2909 RA BKN009  
TEMPO 2909/2912 BKN013



# TR212B #2

## EDSB → LHBP

ETD 28 Jul 17:15z  
PJTGD B77L

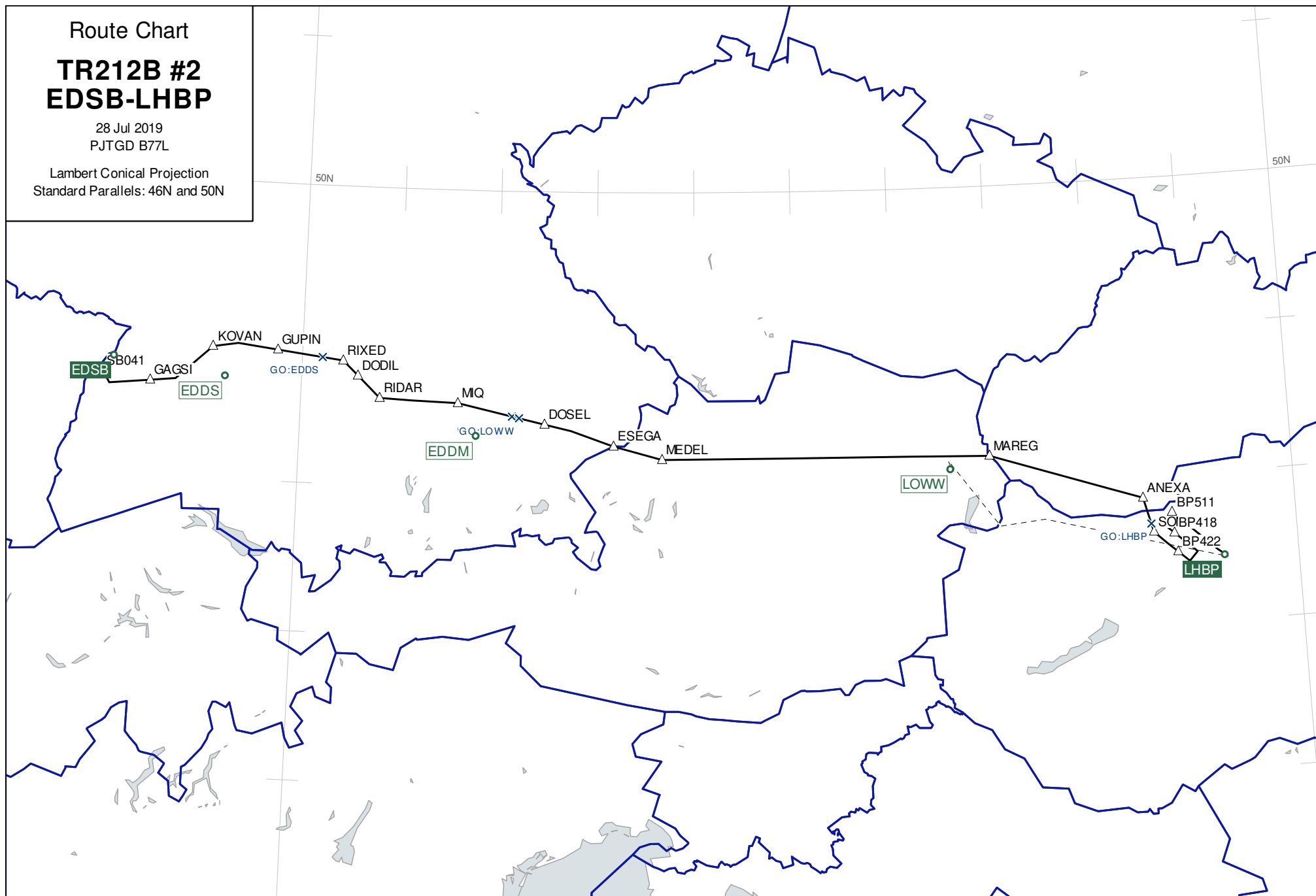


Route Chart

**TR212B #2**  
**EDSB-LHBP**

28 Jul 2019  
PJTGD B77L

Lambert Conical Projection  
Standard Parallels: 46N and 50N



# Wind Chart

## FL370

### TR212B #2 EDSB-LHBP

Observed 28 Jul 2019 06:00 UTC

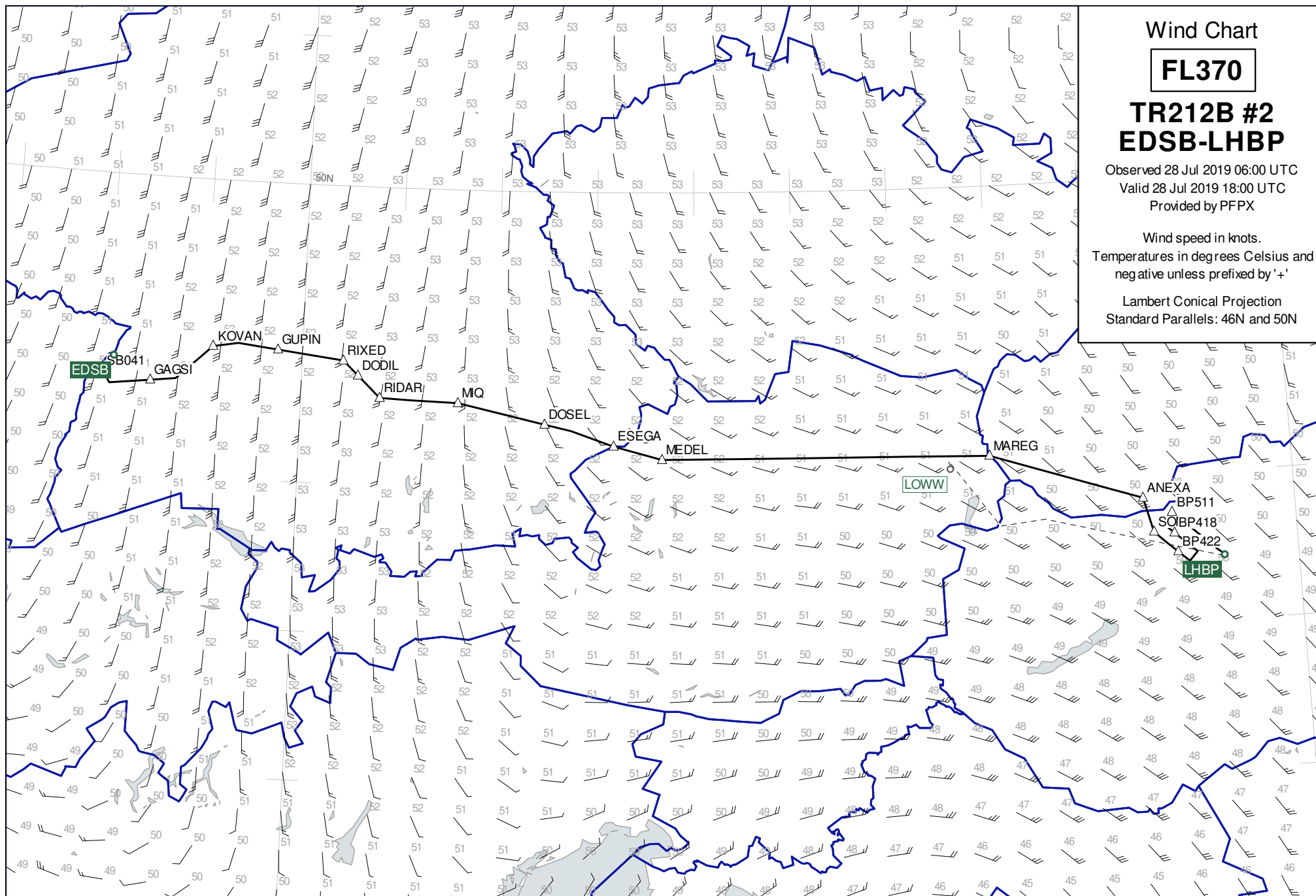
Valid 28 Jul 2019 18:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection  
Standard Parallels: 46N and 50N



# Wind Chart

## FL330

### TR212B #2 EDSB-LHBP

Observed 28 Jul 2019 06:00 UTC

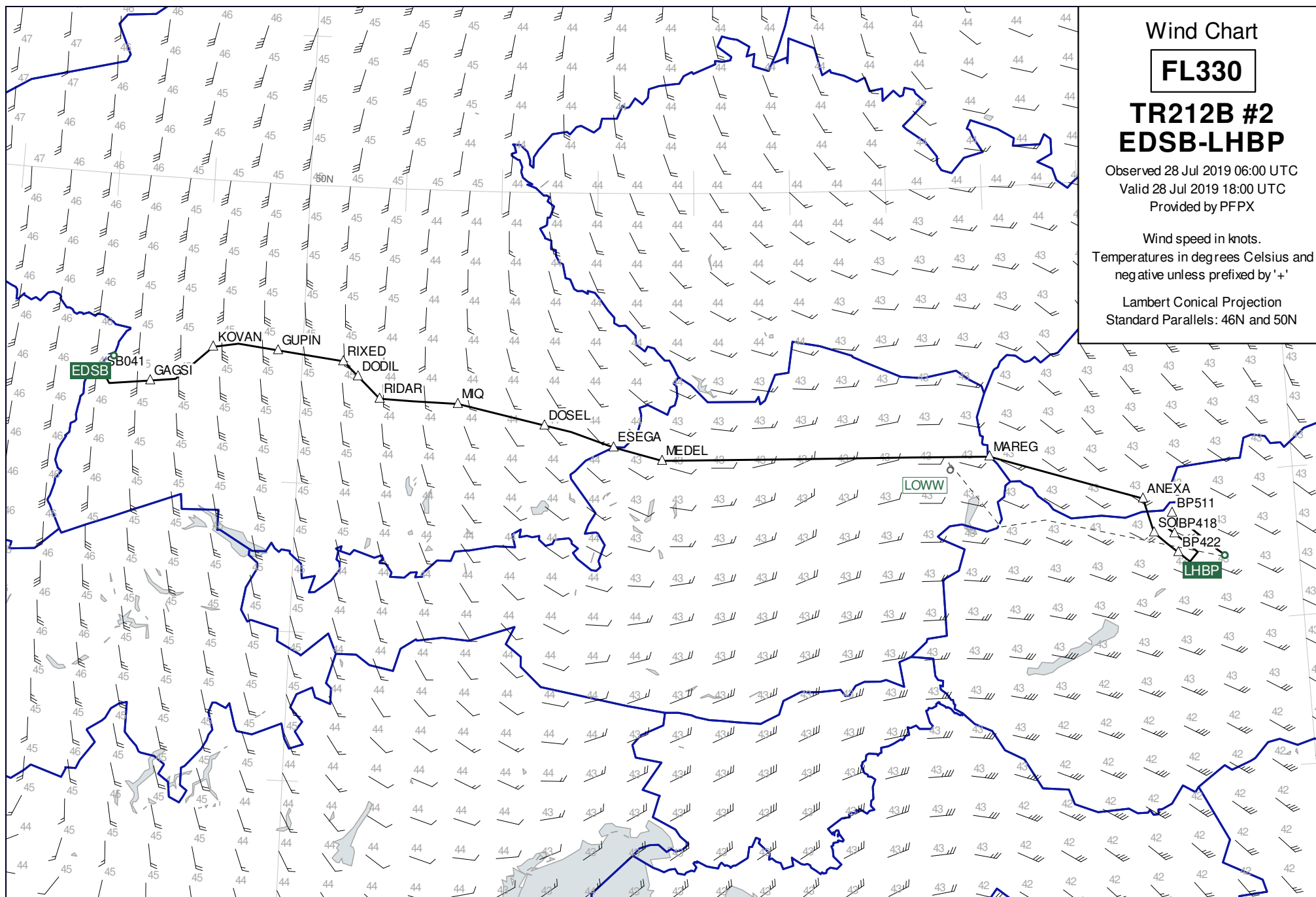
Valid 28 Jul 2019 18:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection  
Standard Parallels: 46N and 50N



# Wind Chart

## FL410

### TR212B #2 EDSB-LHBP

Observed 28 Jul 2019 06:00 UTC

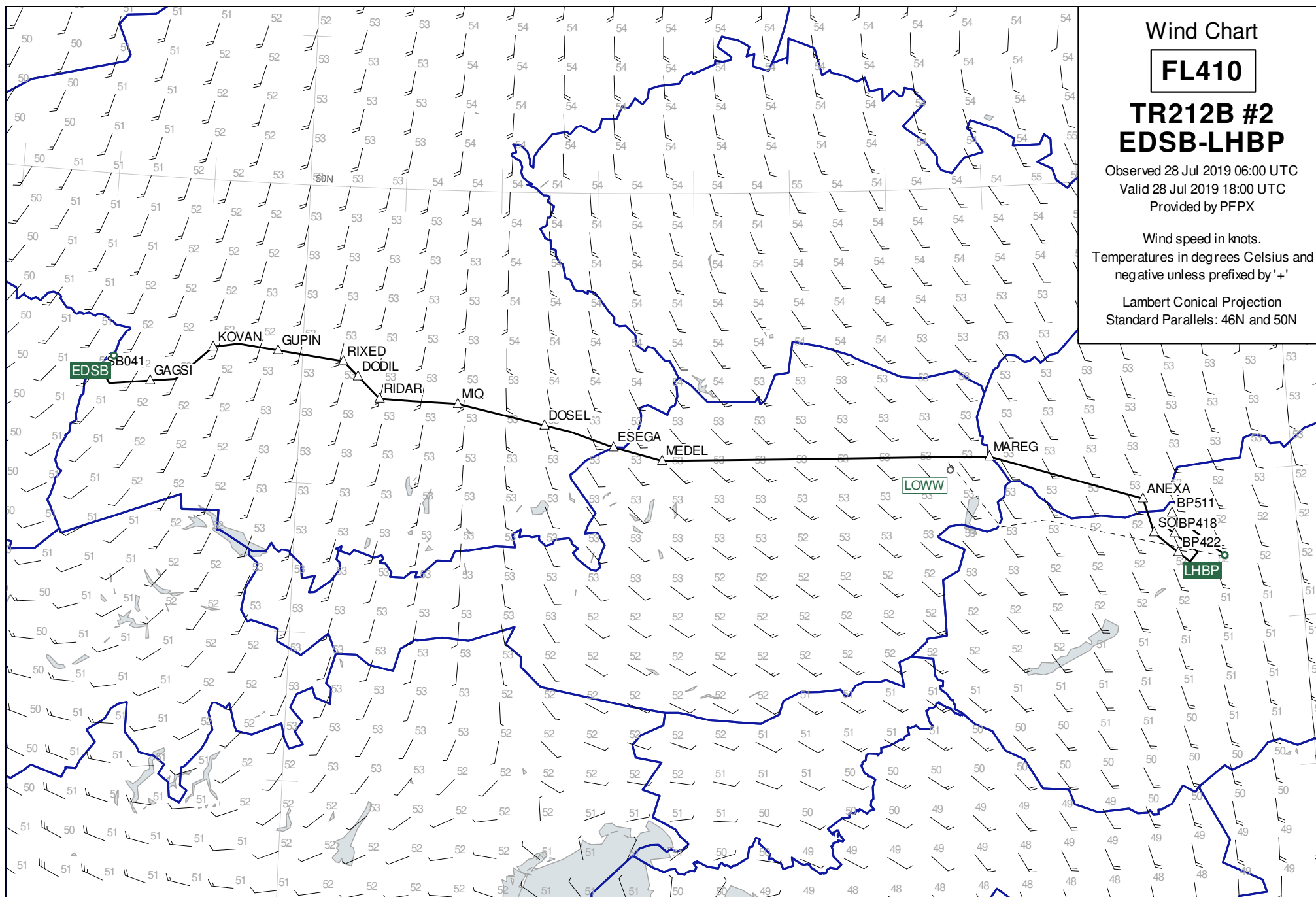
Valid 28 Jul 2019 18:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection  
Standard Parallels: 46N and 50N



Destination Area

**FL200**

**TR212B #2**  
**EDSB-LHBP**

Observed 28 Jul 2019 06:00 UTC

Valid 28 Jul 2019 19:00 UTC

Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection  
Standard Parallels: 46N and 50N

