



Flight Briefing Package

BER2021 LSZH-EDDT

02-Sep-2018 #2

RELEASE #2

ZURICH
(SWITZERLAND)

-

TEGEL
(GERMANY)

PREPARED BY RAFAEL GONCALVES MARTINS

02 SEP 1954 UTC

BER2021 LSZH-EDDT (02-Sep-2018) #2**AIR BERLIN FLIGHTPLAN - IFR BER2021 D-ABKG LSZH-EDDT**ALL WEIGHTS IN KILOGRAMS (KG) STD 02SEP/2045Z

OFFP 2 - PREPARED 02SEP/1954Z BY RAFAEL GONCALVES MARTINS

AB2021/BER2021 D-ABKG/B737-800W ROUTE: LSZHEDDT-MFTDEP: LSZH/ZRH 32 ELEV 1417 FT COST INDEX: 8 TTL G/C DIST: 356 NM
ARR: EDDT/TXL 08L ELEV 122 FT INIT ALT: FL360 TTL F/P DIST: 425 NM
FUEL BIAS: 100.0% TTL AIR DIST: 439 NM
AVG WIND CMP: HD012 KT

ALT: EDON 26 ELEV 35 FT 47 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	41413	173	2872	18551	1048 TOW	MAX 62732	67890	80313
						PLN 59964	66842	63790
						ACT .....	.....	.....

** TAKE-OFF DATA LSZH 32 **

COND: 66842 KG // RWY DRY // +14°C Q1020 320/04 // LMT: CLIMB
CONFIG: FLAPS 5 // D-T02 +30C // A/I OFF // A/C ON
SPEEDS: V1=141 VR=142 V2=147
ENG OUT: AT 3 DME 'KLO' 114.85 RT HDG 030 . AT 6 DME 'KLO' RT HDG 080 TO JOIN
'KLO' R034 TO 'SAFFA' (INBD 267, RT).

** LANDING DATA EDDT 08L **

COND: 63790 KG // RWY DRY // +22°C Q1022 040/06 // LMT: CLIMB
CONFIG: FLAPS 40 // A/I OFF // A/C ON
SPEEDS: VREF=140 VAPP=147
ENG OUT: AT 5.1 DME 'TGL' 112.3 LT TO 'LWB' 114.55 (096 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	3052	.....	01:10	
CONT 5%	194	.....	00:05	
ALTN EDON	720	.....	00:15	
FINAL RESV	1165	.....	00:30	
MIN T/O	5131	.....	02:00	.....
EXTRA	1747	.....	00:45	CAPTAINS SIGNATURE (....)
TAXI	120	.....	00:10	
RELEASE	6998	.....	02:55	I ACCEPT THIS OFFP AND I AM FAMILIAR
ARR FUEL	3766	.....	01:30	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 20891 KG / MAX EXTRA FUEL 2795 KG LIM BY TOW
TRIP CORR FOR 1000 KG TOW INCR: +29 KG / 1000 KG TOW DECR: -48 KG
2000 FT LOWER: +6 KG / EET 01:11 CLB: 250/280/.78 DES: .78/280/250LSZH **STD** 20:45Z/22:45L **ETD** 20:45Z ACT OFBL **EST T/O** 20:55Z ACT T/O
EDDT **STA** 22:05Z/00:05L **ETA** 22:10Z ACT ONBL **EST LDG** 22:05Z ACT LDG
SKD 01:20 **PLN** 01:25 TTL BLCK **EST FLT** 01:10 TTL FLT

BER2021 LSZH-EDDT (02-Sep-2018) #2

ATC ROUTE: N0451F360 DEGE2N DEGES Z1 ETAGO DCT TIKNI/N0451F350 N746 ROBEL T200
LELMA LELM1A

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
EDON/26	47	FL070	025	HD012	00:15	720	-	GERG1T GERGA Y206 PINOB
EDDB/07L	109	FL160	025	HD004	00:25	1180	+460	KLF KLF07L
EDOV/26	124	FL170	027	TL007	00:27	1247	+527	BKD7T BKD
EDAX/25	166	FL230	025	TL001	00:35	1530	+810	BKD7T BKD Q282 BIGTI

MOST CRITICAL MORA 12100 FT AT ZH525

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
				ISA	WND/SPD	GS	REM	POSITION		ETO / ATO	
	LSZH/32 ZURICH		1417	117				6.9 / 0.1			
							425	N4728.0 E00834.8/.....		
DEGE2N	D337B KLO337002	315	*CLB	117	P06	050/010	2	6.8 / 0.4	02	00.02	
							423	N4729.0 E00832.6/.....		
DEGE2N	D335D KLO335004	331	*CLB	117	P06	053/009	2	6.8 / 0.5	00	00.02	
							421	N4731.0 E00830.2/.....		
DEGE2N	ZH503	065	*CLB	117	P08	056/008	9	6.5 / 0.7	02	00.04	
							412	N4735.0 E00843.5/.....		
DEGE2N	ZH506	143	*CLB	117	P07	051/008	5	6.5 / 0.8	01	00.05	
							407	N4730.0 E00847.8/.....		
DEGE2N	KOLUL	143	*CLB	117	P07	048/009	3	6.4 / 0.8	00	00.05	
							404	N4728.0 E00849.3/.....		
DEGE2N	ZH504	100	*CLB	117	P07	045/011	3	6.4 / 0.9	01	00.06	
							401	N4727.0 E00854.8/.....		
DEGE2N	ZH525	100	*CLB	121	P07	042/012	5	6.3 / 0.9	01	00.07	
							396	N4726.0 E00901.6/.....		
DEGE2N	DEGES	100	*CLB	121	P07	038/015	8	6.2 / 1.1	01	00.08	
							388	N4725.0 E00912.1/.....		
Z1	ROMGA	058	*CLB	121	P07	037/017	9	6.1 / 1.2	01	00.09	
							379	N4729.0 E00924.2/.....		
Z1 -EDUU	BODAN	016	*CLB	121	P06	036/019	6	6.0 / 1.2	01	00.10	
							372	N4735.0 E00927.0/.....		
Z1	ALAGO	360	*CLB	121	P04	035/021	13	5.8 / 1.4	02	00.12	
							360	N4748.0 E00928.7/.....		
Z1	BIKBI	358	*CLB	121			10	5.7 / 1.5	02	00.14	

BER2021 LSZH-EDDT (02-Sep-2018) #2

			P03 036/023		349	N4758.0	E00928.7/.....
Z1	MINGA	358	*CLB 121		12	5.6 /	1.6	01 00.15
			P03 079/028		338	N4810.0	E00928.7/.....
Z1	SUDEN	358	*CLB 046		22	5.5 /	1.8	04 00.19
			P06 075/029		316	N4832.0	E00928.7/.....
Z1	*TOC	357	FL360 046	451	2	5.2 /	1.8	00 00.19
			P07 075/029	443	313	N4834.0	E00928.7/.....
Z1	ETAGO	357	FL360 046	452	9	5.2 /	1.8	01 00.20
			P07 075/029	444	304	N4844.0	E00928.6/.....
DCT	TIKNI	007	*DES 048		102	4.6 /	2.4	14 00.34
			P06 078/032		202	N5025.0	E00952.3/.....
N746	ROBEL	034	FL350 049	449	36	4.4 /	2.6	06 00.40
			P04 094/033	430	165	N5054.0	E01026.1/.....
T200	ABLUM	059	FL350 052	449	14	4.3 /	2.7	02 00.42
			P04 091/035	421	151	N5101.0	E01046.7/.....
T200	LASTO	059	FL350 052	449	15	4.3 /	2.7	02 00.44
			P04 092/035	418	136	N5108.0	E01107.6/.....
T200	SOPLA	059	FL350 034	449	19	4.2 /	2.8	02 00.46
			P04 097/033	419	117	N5117.0	E01133.1/.....
T200	*TOD	059	*DES 034		1	4.2 /	2.8	01 00.47
			P04 097/033		117	N5117.0	E01134.0/.....
T200	OSKAT	059	*DES 034		17	4.1 /	2.9	01 00.48
			P03 107/033		100	N5125.0	E01158.1/.....
T200	*BDRY	055	*DES 034		16	4.1 /	2.9	03 00.51
-EDMM			P07 110/026		84	N5133.0	E01219.3/.....
T200	*BDRY	055	*DES 026		12	4.1 /	2.9	02 00.53
-EDWW			P07 114/024		72	N5139.0	E01235.0/.....
T200	LELMA	055	*DES 026		9	4.1 /	2.9	02 00.55
-EDMM			P07 117/022		64	N5144.0	E01247.3/.....
LELM1A	DT672	358	*DES 026		20	4.0 /	3.0	03 00.58
-EDWW			P08 120/020		44	N5204.0	E01248.2/.....
LELM1A	DT671	358	*DES 021		12	4.0 /	3.0	03 01.01
			P10 117/016		32	N5216.0	E01249.7/.....
LELM1A	DT600	358	*DES 021		15	4.0 /	3.0	03 01.04
			P07 094/014		16	N5231.0	E01249.3/.....
LELM1A	DT605	077	*DES 021		4	4.0 /	3.0	01 01.05
			P07 082/013		13	N5231.0	E01255.0/.....

BER2021 LSZH-EDDT (02-Sep-2018) #2

L E L M 1 A	L I G B A	0 7 7	* D E S 0 2 5	4	3 . 9 /	3 . 1	0 2	0 1 . 0 7
			P 0 5 0 8 0 / 0 1 3	9	N 5 2 3 2 . 0	E 0 1 3 0 2 . 5 /	
L E L M 1 A	E D D T / 0 8 L	0 7 7	1 2 2 0 2 5	9	3 . 8 /	3 . 2	0 3	0 1 . 1 0
	T E G E L				N 5 2 3 3 . 0	E 0 1 3 1 6 . 9 /	

BER2021 LSZH-EDDT (02-Sep-2018) #2

WIND INFORMATION - OBS ASKY

(CLIMB)			ETAGO			ROBEL			LASTO		
FL340	073/030	-49	FL400	075/029	-51	FL390	087/034	-52	FL390	086/035	-53
FL270	080/025	-34	FL380	075/029	-50	FL370	091/034	-51	FL370	089/035	-52
FL200	086/019	-18	FL360	075/029	-50	FL350	095/034	-50	FL350	093/035	-50
FL130	096/014	-4	FL340	075/030	-49	FL330	098/034	-48	FL330	096/035	-48
FL060	086/012	+8	FL320	078/029	-45	FL310	101/034	-44	FL310	099/036	-43

(DESCENT)

FL330 105/033 -48
FL270 109/029 -33
FL200 115/023 -18
FL130 121/020 -4
FL060 100/019 +10

END FLIGHTPLAN 00085 BER2021 D-ABKG LSZH-EDDT 02SEP2018

BER2021 LSZH-EDDT (02-Sep-2018) #2

[ATC FLIGHTPLAN]

(FPL-BER2021-IS
-B738/M-SDFGIRWY/SB1
-LSZH2045
-N0451F360 DEGES Z1 ETAGO DCT TIKNI/N0451F350 N746 ROBEL T200
LELMA
-EDDT0110 EDON
-PBN/A1B1C1D1S2 NAV/RNVD1E2A1 COM/TCAS DOF/180902 REG/DABKG
EET/EDUU0010 EDMM0051 EDWW0053 RVR/200
-E/0245)