



Tradewind VA



Flight Briefing Package

TCC221D KMSP-OEJN

27-Nov-2021 #1

RELEASE #1

MINNEAPOLIS-ST PAUL INTL/WOLD-
(UNITED STATES)

-

KING ABDULAZIZ INTL
(SAUDI ARABIA)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

27 NOV 1948 UTC

TCC221D KMSP-OEJN (27-Nov-2021) #1

TRADEWIND PACIFIC FLIGHTPLAN - IFR TCC221D FOHGG KMSP-OEJN

ALL WEIGHTS IN KILOGRAMS (KG)

STD 27NOV/2250Z

OFP 1 - PREPARED 27NOV/1948Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR221D/TCC221D FOHGG/B777-2LR GE SEL/EGAE ROUTE: KMSPOEJN01

DEP: KMSP/MSP 30L ELEV 842 FT COST INDEX: 250 TTL G/C DIST: 6045 NM

ARR: OEJN/JED 34C ELEV 49 FT INIT ALT: FL330 TTL F/P DIST: 6296 NM

FUEL BIAS: 100.0% TTL AIR DIST: 5920 NM

AVG WIND CMP: TL030 KT

ALT: OETF/TIF 35 ELEV 4848 FT 146 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156737	282	0	27918	22736 LDW	MAX 209106	312236	223167
						PLN 184655	287506	200431
						ACT .....	.....	.....

** TAKE-OFF DATA KMSP 30L **

COND: 287506 KG // RWY DRY // +4•C Q1012 300/10 // LMT: STRUCT

CONFIG: FLAPS 5 // D-T01 +38C // A/I OFF/AUTO // A/C ON

SPEEDS: V1=163 VR=166 V2=169

ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	87075	.....	12:26	
CONT 5%	4354	.....	00:43	
ALTN OETF	3634	.....	00:26	
FINAL RESV	3012	.....	00:30	
HOLD	2048	.....	00:20	
ADD FUEL	1192	.....	00:12	
MIN T/O	101315	.....	14:38	.....
EXTRA	1536	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	390	.....	00:15	
RELEASE	103241	.....	15:08	I ACCEPT THIS OFP AND I AM FAMILIAR
ARR FUEL	15516	.....	02:17	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145026 KG / MAX EXTRA FUEL 24272 KG LIM BY LDW

TRIP CORR FOR 5000 KG TOW INCR: +1445 KG / 5000 KG TOW DECR: -1364 KG

2000 FT LOWER: +1585 KG / EET 12:23 CLB: 250/310/84 DES: 84/320/250

KMSP	STD 22:50Z/16:50L	ETD 22:50Z	ACT OFBL	EST T/O 23:05Z	ACT T/O
OEJN	STA 11:35Z/14:35L	ETA 11:41Z	ACT ONBL	EST LDG 11:31Z	ACT LDG
	SKD 12:45	PLN 12:51	TTL BLCK	EST FLT 12:26	TTL FLT

***** 90 MIN ETOPS CRITICAL FUEL SUMMARY *****

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (EINN)	102 NM BEFORE SUNOT	N57 37.1 W017 56.4	EET 05:49
ETOPS EXIT (EINN)	79 NM BEFORE SUNOT	N57 29.1 W017 16.3	EET 05:51

TCC221D KMSP-OEJN (27-Nov-2021) #1**ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD**

EINN (05:46-05:58)

ONE ENGINE OUT DECOMP CRP 1 FOR EINN N57 37.1 W017 56.2 EET 05:49
84/320/250 DESC TO FL100 CRUISE AT 1E0320 102 NM BEFORE SUNOT
PLN FUEL OVER CRP 56525 CRP FUEL REQ 9772 DIV TIME 01:04
CRP TO EINN (N52 42.1 W008 55.5) DIST 427 NM WC TL033 TT 130
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT CRP 1 FOR EINN N57 37.1 W017 56.1 EET 05:49
1E084/320 DESC TO FL257 CRUISE AT 1E0320 102 NM BEFORE SUNOT
PLN FUEL OVER CRP 56524 CRP FUEL REQ 10043 DIV TIME 00:54
CRP TO EINN (N52 42.1 W008 55.5) DIST 427 NM WC TL040 TT 130
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP CRP 1 FOR EINN N57 37.1 W017 56.1 EET 05:49
84/320/250 DESC TO FL100 CRUISE AT AE320 102 NM BEFORE SUNOT
PLN FUEL OVER CRP 56524 CRP FUEL REQ 9322 DIV TIME 01:04
CRP TO EINN (N52 42.1 W008 55.5) DIST 427 NM WC TL033 TT 130
*** FUEL DUMP REQUIRED ***

ATC ROUTE: N0488F330 WLSTN7 GRB J101 SSM DCT MT DCT BROME/N0484F350 DCT CUDDY
DCT 58N050W 60N040W 60N030W 58N020W DCT SUNOT/M084F370 DCT KESIX DCT
IBROD DCT ERKIT DCT LAMSO DCT EVELI DCT PODIP DCT TESGA DCT DINKU
L603 BEMBO/N0491F310 L603 BESNI/N0490F370 DCT LATLO DCT OBEDI DCT
VABEK UL603 OLOTA DCT RUGAS UN128 FSK UG18 MES UL609 LARKI/N0479F390
UL609 RDS UL995 VANZA DCT RASDA A16 CVO L315 SOBEL V730 MAK T55
DEDLI M999 MUVOL MUV01M

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
OETF/35	146	FL230	114	TL005	00:26	3634	-	ISLA1W ISLAM V40 TIF

MOST CRITICAL MORA 14800 FT AT LATLO

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
-FIR	NAME			ISA	WND/SPD	GS	REM	POSITION		ETO / ATO	
	KMSP/30L		842	036				102.9 / 0.4			
	MINNEAPOLIS-ST PAUL						6296	N4452.4 W09312.1	/.....		
WLSTN7	SNINE	046	*CLB	036			35	99.9 / 3.3	08 00.08		
				M07	307/056		6261	N4515.1 W09239.1	/.....		
WLSTN7	DWIYT	079	*CLB	032			16	99.3 / 3.9	02 00.10		
				M07	312/071		6245	N4518.2 W09217.3	/.....		
WLSTN7	WLSTN	080	FL330	033		488	55	97.8 / 5.4	06 00.16		
				M01	302/053	527	6191	N4528.4 W09100.9	/.....		

TCC221D KMSP-OEJN (27-Nov-2021) #1

	KSAW	116	FL330	045		86	96.6 / 6.7	10	00.26
				P04 320/066		6105	N4453.0 W08910.0	/.....	
WLSTN7	GRB	118	FL330	037	115.50	488 46	95.9 / 7.4	05	00.31
	GREEN BAY			M01 289/034	523 6059		N4433.3 W08811.7	/.....	
J101	SSM	058	FL330	036	112.20	487 198	92.8 / 10.5	24	00.55
	SAULT STE MARIE			M03 281/024	505 5861		N4624.7 W08418.9	/.....	
DCT -CZYZ	*BDRY	067	FL330	036		487 10	92.6 / 10.6	01	00.56
				M03 283/024	505 5851		N4629.8 W08406.6	/.....	
	CYBG	067	FL330	037		205	89.4 / 13.8	24	01.20
				M04 282/012	5646		N4810.0 W07941.7	/.....	
DCT -CZUL	*BDRY	074	FL330	033		487 41	88.8 / 14.5	05	01.25
				M03 303/027	501 5605		N4828.3 W07847.9	/.....	
DCT	MT	075	FL330	035	209.0	488 187	85.8 / 17.4	23	01.48
	CHIBOO CHIBOUGAMAU			M03 336/004	490 5418		N4948.0 W07429.7	/.....	
	CYYR	064	FL330	052		292	81.1 / 22.1	37	02.25
				M02 350/015	5126		N5252.3 W06826.4	/.....	
DCT	BROME	072	*CLB	045		65	80.1 / 23.1	08	02.33
				M03 127/022	5061		N5330.0 W06700.0	/.....	
DCT	*TOC	076	FL350	045		483 9	79.8 / 23.3	01	02.34
				P00 137/025	477 5051		N5335.1 W06646.9	/.....	
DCT -CZQX	*BDRY	076	FL350	045		486 67	78.8 / 24.4	08	02.42
				P00 151/029	484 4985		N5410.8 W06511.6	/.....	

OCEANIC ENTRY

[]	LR NAV ACCUR CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[]	RVSM ALTIMETER CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[]	COMPASS HDG CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[]	HF CHECK	AT	__Z	SIGNATURE	(....) _____				

DCT	CUDDY	078	FL350	042		484 318	74.1 / 29.1	38	03.20
				M01 189/057	513 4667		N5642.0 W05700.0	/.....	
	BGBW	090	FL350	010		84	72.9 / 30.3	10	03.30
				M01 175/079	4583		N5712.2 W05435.3	/.....	
DCT	5850N	092	FL350	010		482 156	70.8 / 32.5	18	03.48
	58N050W			M03 203/060	520 4427		N5800.0 W05000.0	/.....	
DCT -BGGL	*BDRY	086	FL350	010		482 72	69.8 / 33.5	08	03.56
				M02 212/048	523 4355		N5830.1 W04755.1	/.....	
DCT -CZQX	*BDRY	087	FL350	054		481 194	67.1 / 36.2	23	04.19
				M04 212/044	515 4161		N5940.1 W04203.7	/.....	
DCT	6040N	091	FL350	010		481 66	66.2 / 37.1	07	04.26

TCC221D KMSP-OEJN (27-Nov-2021) #1

	60N040W		M05 224/037	514 4096	N6000.0 W04000.0	/.....
	BIKF	105	FL350 010	169	63.8 / 39.4	20 04.46
			M05 270/055	3927	N6005.6 W03422.1	/.....
DCT	6030N	107	FL350 010	482 132	62.0 / 41.2	15 05.01
-EGGX	60N030W		M04 266/031	513 3795	N6000.0 W03000.0	/.....
DCT	5820N	122	FL350 010	483 332	57.5 / 45.8	39 05.40
	58N020W		M04 319/036	515 3464	N5800.0 W02000.0	/.....
	EINN	118	FL350 010	42	56.9 / 46.3	05 05.45
			M04 300/037	3422	N5746.3 W01844.5	/.....
----- ETOPS ENTRY (BIKF) 0102 NM BEFORE SUNOT EET 05:49 -----						
	*CFP 1	118	FL350 010	483 28	56.5 / 46.7	04 05.49
	EINN		M04 326/046	518 3394	N5737.1 W01756.1	/.....
----- ETOPS EXIT (EINN) 0079 NM BEFORE SUNOT EET 05:51 -----						
DCT	SUNOT	119	*CLB 010	102	55.2 / 48.1	11 06.00
			M05 335/059	3291	N5700.0 W01500.0	/.....
DCT	KESIX	102	FL370 010	476 33	54.6 / 48.6	04 06.04
			M07 336/068	507 3258	N5657.0 W01400.0	/.....
DCT	IBROD	106	FL370 010	475 135	52.9 / 50.4	16 06.20
-EGPX			M07 340/090	517 3124	N5630.0 W01000.0	/.....
	EGCC	116	FL370 041	207	50.3 / 53.0	23 06.43
			M06 350/099	2917	N5506.2 W00422.2	/.....
DCT	*BDRY	118	FL370 040	386 14	50.1 / 53.2	02 06.45
-EGTT			M03 348/102	431 2902	N5500.0 W00400.3	/.....
DCT	ERKIT	118	FL370 045	484 125	48.5 / 54.7	14 06.59
			P02 351/081	532 2777	N5401.8 W00049.8	/.....
	EHAM	118	FL370 028	13	48.3 / 54.9	01 07.00
			M01 350/081	2764	N5355.6 W00030.1	/.....
DCT	LAMSO	119	FL370 028	489 145	46.5 / 56.7	17 07.17
-EHAA			P05 351/043	517 2619	N5244.0 E00259.7	/.....
DCT	EVELI	110	FL370 014	489 15	46.3 / 56.9	02 07.19
			P05 349/040	509 2604	N5238.4 E00323.2	/.....
DCT	*BDRY	119	FL370 024	490 117	44.8 / 58.4	14 07.33
-EDVV			P06 333/020	510 2487	N5138.0 E00606.6	/.....
DCT	PODIP	120	FL370 038	490 77	43.8 / 59.4	09 07.42
			P06 297/015	505 2410	N5056.6 E00749.2	/.....
DCT	*BDRY	132	FL370 043	490 10	43.7 / 59.6	01 07.43
-EDUU			P06 291/015	505 2400	N5049.6 E00800.6	/.....
	EDDM	132	FL370 043	21	43.4 / 59.8	02 07.45

TCC221D KMSP-OEJN (27-Nov-2021) #1

				P05 335/022	2379	N5034.7	E00824.5	/.....
DCT	TESGA	132	FL370	043	490 12	43.3 / 60.0	02 07.47	
				P06 271/015	503 2367	N5026.7	E00837.1	/.....
DCT	DINKU	133	*DES	048	100	42.1 / 61.1	12 07.59	
				M05 220/030	2268	N4914.2	E01023.0	/.....
L603	*TOD	132	FL310	037	492 1	42.1 / 61.1	00 07.59	
				M06 218/030	488 2266	N4913.3	E01024.3	/.....
L603	BEMBO	132	FL310	037	491 7	42.0 / 61.2	01 08.00	
				M07 217/031	486 2259	N4908.1	E01032.1	/.....
L603	AKANU	132	FL310	037	491 7	41.9 / 61.3	01 08.01	
				M07 216/032	485 2252	N4903.1	E01039.5	/.....
L603	LUPOX	133	FL310	040	491 11	41.7 / 61.5	01 08.02	
				M07 216/034	485 2241	N4855.3	E01050.8	/.....
L603	RENLO	133	FL310	040	491 12	41.5 / 61.7	02 08.04	
				M07 216/037	484 2229	N4846.5	E01103.7	/.....
L603	BESNI	133	*CLB	037	11	41.4 / 61.9	01 08.05	
				M06 217/040	2218	N4838.6	E01115.1	/.....
DCT	LATLO	129	FL370	148	490 85	40.0 / 63.3	10 08.15	
				P05 225/051	490 2133	N4741.0	E01248.4	/.....
DCT	*BDRY	131	FL370	148	490 14	39.8 / 63.5	02 08.17	
-LOWV				P04 225/054	489 2120	N4731.4	E01302.6	/.....
DCT	OBEDI	131	FL370	134	490 17	39.6 / 63.7	02 08.19	
				P04 225/057	486 2103	N4719.7	E01319.8	/.....
DCT	*BDRY	123	FL370	134	411 78	38.5 / 64.7	10 08.29	
-LJLA				P03 227/068	416 2025	N4631.7	E01449.8	/.....
	LQTZ	124	FL370	107	16	38.3 / 64.9	01 08.30	
				P05 229/055	2009	N4621.5	E01508.2	/.....
DCT	*BDRY	124	FL370	087	488 32	37.9 / 65.3	04 08.34	
-LDZO				P02 229/074	495 1977	N4601.7	E01543.6	/.....
DCT	*BDRY	125	FL370	087	487 80	36.9 / 66.4	10 08.44	
-LQSB				P01 232/082	497 1897	N4510.8	E01711.3	/.....
DCT	*BDRY	126	FL370	107	485 129	35.2 / 68.0	15 08.59	
-LYBA				M01 241/081	504 1768	N4346.2	E01927.5	/.....
DCT	VABEK	127	FL370	107	484 69	34.4 / 68.9	09 09.08	
				M01 244/082	509 1700	N4300.2	E02037.3	/.....
UL603	OLOTA	131	FL370	113	483 64	33.6 / 69.7	07 09.15	
-LWSS				M02 247/093	507 1635	N4213.8	E02137.0	/.....
	LGAV	130	FL370	111	50	32.9 / 70.3	06 09.21	
				P01 242/114	1585	N4137.5	E02224.7	/.....

TCC221D KMSP-OEJN (27-Nov-2021) #1

DCT -LGGG	RUGAS	131	FL370	098	483	25	32.6 / 70.6	03	09.24
				M01 251/095	516	1560	N4119.8 E02247.5	/.....	
UN128	FSK FISKA	142	FL370	098	116.40	484	17	32.4 / 70.8	02 09.26
				M01 251/096	499	1543	N4105.9 E02259.5	/.....	
UG18	DIKNI	136	FL370	122	484	15	32.2 / 71.0	02	09.28
				M01 251/095	508	1528	N4054.0 E02312.4	/.....	
UG18	GIKAS	136	FL370	093	484	108	30.9 / 72.3	12	09.40
				M01 259/096	520	1420	N3930.0 E02440.0	/.....	
UG18	LUPIS	137	FL370	031	484	22	30.6 / 72.6	03	09.43
				M01 260/098	521	1398	N3912.6 E02457.5	/.....	
UG18	MOCNA	137	FL370	055	484	58	29.9 / 73.3	07	09.50
				M00 265/111	533	1340	N3826.8 E02543.0	/.....	
UG18	NEMIS	137	FL370	055	484	6	29.9 / 73.4	00	09.50
				M00 265/112	535	1335	N3822.4 E02547.3	/.....	
UG18	MES MESTA	137	FL370	055	117.60	484	9	29.8 / 73.5	01 09.51
				M00 266/115	536	1326	N3815.1 E02554.4	/.....	
UL609	PIPEN	134	FL370	056	484	15	29.6 / 73.6	02	09.53
				M00 267/119	545	1310	N3803.7 E02607.0	/.....	
UL609	IKARO	134	FL370	060	484	16	29.4 / 73.8	02	09.55
				P00 268/121	549	1295	N3752.0 E02619.9	/.....	
UL609	URNIL	134	FL370	060	484	14	29.3 / 74.0	01	09.56
				P00 269/122	552	1281	N3741.1 E02631.7	/.....	
UL609	LARKI	134	*CLB	060		23	29.0 / 74.2	03	09.59
				P00 270/124		1258	N3723.9 E02650.3	/.....	
UL609 -LTBB	*BDRY	131	FL390	077	479	18	28.7 / 74.5	02	10.01
				M04 271/126	559	1240	N3711.0 E02705.8	/.....	
UL609 -LGGG	*BDRY	131	FL390	077	479	45	28.2 / 75.0	04	10.05
				M03 273/125	561	1195	N3638.3 E02744.2	/.....	
UL609	RDS RODOS	132	FL390	059	115.80	479	25	28.0 / 75.3	03 10.08
				M04 275/125	565	1171	N3620.4 E02804.9	/.....	
UL995	IRBAX	128	FL390	059	479	22	27.7 / 75.5	02	10.10
				M03 276/125	572	1148	N3605.2 E02825.2	/.....	
UL995	OBUPPO	128	FL390	059	479	18	27.5 / 75.7	02	10.12
				M03 277/125	574	1130	N3553.1 E02841.2	/.....	
	HECA	131	FL390	010		4	27.5 / 75.7	01	10.13
				M03 266/124		1126	N3549.7 E02845.2	/.....	
UL995	ULFIT	131	FL390	010	479	71	26.7 / 76.5	07	10.20
				M03 282/120	573	1055	N3458.6 E02944.7	/.....	

TCC221D KMSP-OEJN (27-Nov-2021) #1

UL995 -LCCC	VANZA	131	FL390	010	479	18	26.5 / 76.7	02	10.22
				M03	283/119	574 1037	N3445.5 E03000.0	/.....	
DCT -HECC	RASDA	149	FL390	010	480	110	25.3 / 77.9	12	10.34
				M03	287/109	547 927	N3306.0 E03057.0	/.....	
A16	MELDO	170	FL390	010	481	64	24.6 / 78.7	08	10.42
				M03	288/105	513 862	N3202.0 E03104.1	/.....	
A16	BLT BALTIM	170	FL390	020	116.90	481 30	24.2 / 79.0	03	10.45
				M03	289/101	514 832	N3131.7 E03107.4	/.....	
A16	DEGDI	166	FL390	020	481	18	24.0 / 79.2	02	10.47
				M03	289/098	520 814	N3114.5 E03110.6	/.....	
A16	CVO CAIRO	166	FL390	027	115.20	481 70	23.2 / 80.1	08	10.55
				M02	293/090	523 744	N3005.5 E03123.3	/.....	
L315	OBTAV	139	FL390	115	481	154	21.5 / 81.7	17	11.12
				M02	306/079	557 590	N2801.3 E03307.0	/.....	
L315	SOKOT	140	FL390	115	481	37	21.1 / 82.1	04	11.16
				M02	309/075	555 553	N2731.1 E03331.5	/.....	
L315	HGD HURGHADA	140	FL390	088	116.50	482 25	20.9 / 82.4	03	11.19
				M02	312/073	553 528	N2710.7 E03347.8	/.....	
L315	SOBEL	131	FL390	088	482	29	20.6 / 82.7	03	11.22
				M02	315/071	553 499	N2650.2 E03410.7	/.....	
	OEJN	160	FL390	036		50	20.0 / 83.2	05	11.27
				M01	319/054	449	N2601.3 E03425.8	/.....	
V730	SIBRI	160	FL390	073	482	3	20.0 / 83.3	01	11.28
				M02	319/064	540 446	N2559.1 E03426.5	/.....	
V730	LORAS	160	FL390	073	482	2	19.9 / 83.3	00	11.28
				M02	319/064	540 443	N2556.8 E03427.2	/.....	
V730	MAK MARSA ALAM	160	FL390	073	115.50	482 23	19.7 / 83.5	02	11.30
				M02	321/063	540 421	N2535.0 E03434.0	/.....	
T55	OTEMO	131	FL390	073	482	44	19.2 / 84.0	05	11.35
				M01	326/063	545 377	N2503.7 E03508.2	/.....	
T55 -OEJD	*BDRY	131	FL390	090	483	193	17.1 / 86.1	22	11.57
				M01	340/060	540 183	N2245.0 E03734.8	/.....	
T55 -HECC	DEDLI	132	FL390	010	483	3	17.1 / 86.2	00	11.57
				M01	340/060	540 180	N2242.5 E03737.3	/.....	
M999 -OEJD	MUVOL	121	FL390	022	484	43	16.6 / 86.6	05	12.02
				M01	339/056	531 137	N2217.8 E03814.9	/.....	
MUV01M	ALKEV	122	*DES	022		9	16.5 / 86.7	01	12.03
				P03	339/049	128	N2212.5 E03822.9	/.....	
MUV01M	KAVOD	124	*DES	022		17	16.5 / 86.7	02	12.05

TCC221D KMSP-OEJN (27-Nov-2021) #1

			P08 324/029	111	N2201.9 E03837.6	/.....
MUV01M	JN792	207	*DES 022	6	16.5 / 86.7	01 12.06
			P09 320/027	105	N2156.7 E03834.4	/.....
MUV01M	JN788	193	*DES 019	6	16.5 / 86.8	01 12.07
			P10 317/024	99	N2151.0 E03832.5	/.....
MUV01M	JN786	179	*DES 019	6	16.5 / 86.8	01 12.08
			P12 312/020	93	N2145.0 E03832.2	/.....
MUV01M	JN823	082	*DES 019	25	16.4 / 86.9	03 12.11
			P15 324/014	68	N2146.6 E03859.0	/.....
MUV01M	JN747	098	*DES 050	15	16.3 / 87.0	03 12.14
			P13 341/007	52	N2143.5 E03915.3	/.....
MUV01M	JN748	156	*DES 050	6	16.3 / 87.0	01 12.15
			P13 359/005	46	N2137.8 E03917.5	/.....
MUV01M	JN749	156	*DES 050	6	16.3 / 87.0	01 12.16
			P13 034/004	40	N2132.2 E03919.7	/.....
MUV01M	JN798	156	*DES 050	6	16.3 / 87.1	01 12.17
			P13 072/005	34	N2126.5 E03921.9	/.....
MUV01M	JN796	156	*DES 050	6	16.2 / 87.1	01 12.18
			P14 081/004	28	N2120.9 E03924.2	/.....
MUV01M	JN736	246	*DES 050	6	16.2 / 87.2	02 12.20
			P15 097/004	22	N2118.8 E03918.1	/.....
MUV01M	JN737	336	*DES 050	6	16.1 / 87.2	01 12.21
			P16 111/004	16	N2124.4 E03915.9	/.....
MUV01M	KASOP	336	*DES 050	6	16.1 / 87.3	02 12.23
			P16 112/003	10	N2130.1 E03913.7	/.....
MUV01M	OEJN/34C	336	49 050	10	15.8 / 87.5	03 12.26
	KING ABDULAZIZ INTL				N2139.7 E03909.9	/.....

TCC221D KMSP-OEJN (27-Nov-2021) #1

WIND INFORMATION - OBS 27/NOV 12:00

(CLIMB)			SSM			MT			CUDDY		
FL320	307/065	-51	FL370	286/030	-53	FL370	277/004	-52	FL390	183/047	-56
FL250	313/069	-42	FL350	284/027	-54	FL350	313/004	-54	FL370	186/052	-56
FL190	303/050	-29	FL330	281/025	-54	FL330	337/004	-54	FL350	189/057	-56
12000	308/040	-15	FL310	279/021	-51	FL310	006/003	-53	FL330	190/059	-54
6000	323/031	-5	FL290	278/021	-48	FL290	017/004	-50	FL310	190/058	-51
5850N			6040N			6030N			5820N		
FL390	196/056	-61	FL390	227/041	-66	FL390	270/031	-65	FL390	315/043	-65
FL370	199/058	-60	FL370	225/039	-63	FL370	268/031	-62	FL370	316/040	-62
FL350	204/060	-57	FL350	224/038	-59	FL350	267/031	-58	FL350	319/036	-58
FL330	206/059	-54	FL330	225/037	-54	FL330	268/032	-54	FL330	322/034	-54
FL310	205/055	-51	FL310	230/037	-49	FL310	271/032	-50	FL310	324/034	-50
KESIX			IBROD			ERKIT			LAMSO		
FL410	334/070	-66	FL410	339/082	-65	FL410	349/061	-56	FL410	346/038	-53
FL390	335/073	-66	FL390	338/090	-66	FL390	349/069	-55	FL390	350/041	-52
FL370	336/069	-63	FL370	341/090	-64	FL370	351/082	-55	FL370	351/043	-51
FL350	338/063	-59	FL350	344/089	-60	FL350	354/096	-55	FL350	352/046	-51
FL330	338/060	-55	FL330	344/087	-56	FL330	354/107	-54	FL330	352/047	-51
PODIP			BEMBO			LATLO			VABEK		
FL410	297/017	-52	FL350	231/030	-51	FL410	231/047	-53	FL410	242/079	-61
FL390	298/017	-51	FL330	225/031	-52	FL390	228/050	-52	FL390	243/081	-60
FL370	298/015	-51	FL310	217/031	-53	FL370	225/052	-52	FL370	245/083	-58
FL350	297/013	-51	FL290	213/033	-52	FL350	223/053	-51	FL350	246/085	-55
FL330	296/012	-52	FL270	212/034	-50	FL330	221/057	-51	FL330	245/087	-52
RUGAS			GIKAS			PIPEN			RDS		
FL410	248/093	-62	FL410	259/099	-63	FL410	266/115	-62	FL430	274/111	-64
FL390	250/094	-61	FL390	260/099	-61	FL390	267/121	-60	FL410	275/118	-62
FL370	251/096	-58	FL370	259/097	-58	FL370	267/119	-57	FL390	275/126	-60
FL350	252/097	-54	FL350	259/093	-53	FL350	267/115	-52	FL370	275/125	-56
FL330	252/094	-51	FL330	257/088	-49	FL330	265/104	-48	FL350	275/123	-51
ULFIT			RASDA			DEGDI			OBTAV		
FL430	280/110	-64	FL430	287/104	-64	FL430	290/095	-64	FL430	301/071	-62
FL410	281/115	-62	FL410	287/107	-62	FL410	290/097	-62	FL410	304/075	-60
FL390	282/120	-60	FL390	287/109	-59	FL390	290/099	-59	FL390	307/080	-58
FL370	282/119	-56	FL370	287/106	-55	FL370	289/096	-55	FL370	306/075	-54
FL350	281/117	-51	FL350	287/100	-51	FL350	289/092	-50	FL350	305/068	-50
SIBRI			DEDLI			(DESCENT)					
FL430	311/061	-63	FL430	326/044	-61	FL380	331/041	-56			
FL410	315/063	-61	FL410	334/052	-59	FL300	333/024	-36			
FL390	319/065	-58	FL390	341/061	-57	FL220	315/021	-16			
FL370	319/060	-54	FL370	342/054	-53	FL150	298/011	-1			
FL350	319/054	-49	FL350	343/044	-49	7000	100/005	+15			

END FLIGHTPLAN 00910 TCC221D FOHGG KMSP-OEJN 27NOV2021

TCC221D KMSP-OEJN (27-Nov-2021) #1

[ATC FLIGHTPLAN]

(FPL-TCC221D-IS
-B77L/H-SDE1FGHIJ1RWXYZ/LB1
-KMSP2250
-N0488F330 WLSTN7 GRB J101 SSM DCT MT DCT BROME/N0484F350 DCT
CUDDY DCT 58N050W 60N040W 60N030W 58N020W DCT SUNOT/M084F370 DCT
KESIX DCT IBROD DCT ERKIT DCT LAMSO DCT EVELI DCT PODIP DCT
TESGA DCT DINKU L603 BEMBO/N0491F310 L603 BESNI/N0490F370 DCT
LATLO DCT OBEDI DCT VABEK UL603 OLOTA DCT RUGAS UN128 FSK UG18
MES UL609 LARKI/N0479F390 UL609 RDS UL995 VANZA DCT RASDA A16
CVO L315 SOBEL V730 MAK T55 DEDLI M999 MUVOL MUV01M
-OEJN1226 OETF
-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/211127 REG/FOHGG
EET/CZYZ0056 CZUL0125 CZQX0242 58N050W0348 BGGL0356 CZQX0419
60N040W0426 EGGX0501 58N020W0540 EGPX0620 EGT0645 EHAA0717
EDVV0733 EDUU0743 LOVV0817 LJLA0829 LDZ00834 LQSB0844 LYBA0859
LWSS0915 LGGG0924 LTBB1001 LGGG1005 LCCC1022 HECC1034 OEJD1157
SEL/EGAE CODE/3B755A RVR/75 OPR/TRADEWIND PACIFIC
ORGN/NTAATPCP PER/D
RALT/EINN
RMK/TCAS
-E/1453)

TCC221D KMSP-OEJN (27-Nov-2021) #1

[PLANNING WEATHER]

ORIGIN: KMSP/MSP (MINNEAPOLIS-ST PAUL INTL/WOLD-, UNITED STATES) UTC -06:00

KMSP 271853Z 35008KT 10SM SCT180 04/M08 A2987 RMK A02 SLP123 T00391078
KMSP 271913Z 2719/2824 33011KT P6SM FEW040 FEW110
TEMPO 2720/2722 BKN035
FM272200 30010KT P6SM SKC

DESTINATION: OEJN/JED (KING ABDULAZIZ INTL, SAUDI ARABIA) UTC +03:00

OEJN 271900Z 34005KT CAVOK 27/21 Q1014 NOSIG
OEJN 271700Z 2718/2824 03006KT 7000 NSC
BECMG 2808/2810 29010KT CAVOK
BECMG 2818/2820 03006KT 7000 NSC

ALTERNATE: OETF/TIF (TAIF INTL, SAUDI ARABIA) UTC +03:00

OETF 271900Z 12006KT CAVOK 21/02 Q1025 NOSIG
OETF 271100Z 2712/2818 30008KT 9999 FEW030
BECMG 2718/2720 17008KT 7000 NSC

EDTO AIRPORT: EINN/SNN (SHANNON INTL, IRELAND) UTC +00:00

EINN 271930Z 30005KT 9999 FEW060 02/M00 Q1018 NOSIG
EINN 271700Z 2718/2818 VRB03KT 9999 FEW030
TEMPO 2802/2809 4000 RA BKN010
BECMG 2810/2812 33010KT

ADEQUATE: KSAW/MQT (SAWYER INTL, UNITED STATES) UTC -05:00

KSAW 271845Z 00000KT 2SM -SN OVC008 M03/M04 A2981
KSAW 271723Z 2718/2818 VRB04KT 1 1/2SM -SHSN BR OVC012
FM272300 VRB04KT P6SM VCSH BKN014
FM280700 27007KT 2SM -SHSN BKN015
FM281000 30010G19KT 3SM -SHSN BKN017

ADEQUATE: CYBG/YBG (BAGOTVILLE, CANADA) UTC -05:00

CYBG 271900Z 27020G27KT 2SM -SN BLSN SCT012 OVC026 M05/M07 A2938 RMK
SC3SC5 VIS VRB 1-3 SLP958
CYBG 271730Z 2718/2818 28022G35KT 1/2SM -SN BLSN BKN009 OVC025
TEMPO 2718/2720 2SM -SN BKN015 OVC030
FM272000 28022G35KT 3SM BLSN OVC015
TEMPO 2720/2802 1SM -SN BLSN
FM280200 28015G25KT P6SM SCT015 OVC025
TEMPO 2802/2818 4SM -SN BKN015 OVC025
RMK NXT FCST BY 272100Z

TCC221D KMSP-OEJN (27-Nov-2021) #1

ADEQUATE: CYJR/YJR (GOOSE BAY, CANADA)

UTC -04:00

CYJR 271900Z 00000KT 8SM FEW002 BKN019 BKN035 BKN130 03/03 A2929 RMK
SF1SC4SC2AC1 VIS S QUAD 2 SLP922
AMD CYJR 271755Z 2718/2818 VRB03KT P6SM FEW002 SCT015 OVC040
TEMPO 2718/2809 2SM BR SCT002 OVC015
PROB30 2718/2803 1SM BR OVC002
FM280900 24005KT 5SM -SN BKN015 OVC030
BECMG 2812/2814 25015G25KT
RMK NXT FCST BY 280000Z

ADEQUATE: BGBW/UAK (NARSARSUAQ, GREENLAND)

UTC -03:00

BGBW 271850Z 06004KT 030V100 8000 2500SW VCFG FEW002 SCT025 BKN046 05/04
Q1009
AMD BGBW 271604Z 2716/2720 06005KT 5000 -RADZ FEW006 SCT012 BKN025
TEMPO 2716/2720 1000 RADZ VV006

ADEQUATE: BIKF/KEF (KEFLAVIK, ICELAND)

UTC +00:00

BIKF 271930Z 34001KT 9999 SCT027 BKN100 02/02 Q1011
BIKF 271605Z 2718/2818 05005KT 9999 -RA BKN020 OVC035 TX06/2818Z
TN02/2803Z
TEMPO 2800/2808 3000 RA BR OVC010
BECMG 2804/2806 15010KT
BECMG 2808/2810 14020KT 7000 RA BKN010 OVC025
TEMPO 2809/2818 1500 RA BR OVC005
BECMG 2813/2815 23012KT

ADEQUATE: EGCC/MAN (MANCHESTER, UNITED KINGDOM)

UTC +00:00

EGCC 271920Z AUTO 34013KT 9999 NCD 01/M06 Q1009 NOSIG
EGCC 271655Z 2718/2824 33015G25KT 9999 FEW035
BECMG 2720/2723 32012KT
BECMG 2808/2811 32002KT
TEMPO 2814/2817 5000 -SHRASN BKN009
PROB30 TEMPO 2814/2817 1200 SHSN BKN003

ADEQUATE: EHAM/AMS (SCHIPHOL, NETHERLANDS)

UTC +01:00

EHAM 271925Z 16005KT 130V220 9000 FEW004 BKN027 03/02 Q0991 NOSIG
EHAM 271715Z 2718/2824 18009KT 9999 FEW007 BKN018
BECMG 2719/2722 02004KT BKN007
BECMG 2802/2804 33005KT 9999 SCT025
PROB40 2804/2807 3000 BR NSC
PROB30 TEMPO 2804/2807 VRB02KT 0500 FG
TEMPO 2807/2820 34012KT 5000 SHRA SHRAGS SCT007 BKN012 SCT020CB

TCC221D KMSP-OEJN (27-Nov-2021) #1

ADEQUATE: EDDM/MUC (MUNICH, GERMANY)

UTC +01:00

EDDM 271920Z 20007KT 9999 SCT025 02/M00 Q0996 NOSIG
EDDM 271700Z 2718/2824 24004KT 9999 BKN030
BECMG 2808/2810 BKN012
TEMPO 2808/2813 2000 -SN OVC008
PROB30 TEMPO 2813/2820 2000 -SHSN BKN006TCU
TEMPO 2820/2824 2000 -SN BKN005

ADEQUATE: LQTZ/TZL (TUZLA, BOSNIA AND HERZEGOVINIA)

UTC +01:00

LQTZ 271930Z VRB01KT 9999 FEW040 09/08 Q0997
COR LQTZ 271700Z 2718/2818 12005KT 9999 SCT035 TX14/2813Z TN05/2805Z
PROB40 TEMPO 2721/2809 2000 -RA BR BKN005
PROB30 TEMPO 2803/2808 0300 FG OVC002
PROB40 TEMPO 2809/2814 25010KT
TEMPO 2814/2818 29012KT 4000 RA BKN013 OVC030

ADEQUATE: LGAV/ATH (ELEFThERIOS VENIZELOS INTL, GREECE)

UTC +02:00

LGAV 271920Z 18018KT 9999 FEW020 SCT030 BKN070 19/12 Q1006 NOSIG
LGAV 271700Z 2718/2818 18014KT 9999 SCT025 BKN070
PROB40 TEMPO 2718/2724 5000 RA FEW015 FEW018TCU BKN025 BKN070
PROB30 TEMPO 2719/2723 4000 TSRA SCT015 FEW018CB BKN025 OVC070
TEMPO 2718/2722 17016G26KT
BECMG 2722/2724 24015KT
TEMPO 2814/2818 20016G26KT

ADEQUATE: HECA/CAI (CAIRO INTL, EGYPT)

UTC +02:00

HECA 271930Z 00000KT CAVOK 21/07 Q1018 NOSIG
HECA 271700Z 2718/2824 05007KT 6000 NSC
TEMPO 2721/2808 VRB03KT 4000 HZ
PROB40 TEMPO 2800/2806 2000

TCC221D KMSP-OEJN (27-Nov-2021) #1

[TRACK MESSAGE]

NORTH ATLANTIC TRACK MESSAGE

(NAT-1/3 TRACKS FLS 320/400 INCLUSIVE
NOV 28/0100Z TO NOV 28/0800Z
PART ONE OF THREE PARTS-

T ALLRY 51/50 53/40 55/30 55/20 RESNO NETKI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N389B N381B-

U ELSIR 50/50 52/40 54/30 54/20 DOGAL BEXET
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N333B N323A-

V JOOPY 49/50 51/40 53/30 53/20 MALOT GISTI
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N269A N261A-

END OF PART ONE OF THREE PARTS)

(NAT-2/3 TRACKS FLS 320/400 INCLUSIVE
NOV 28/0100Z TO NOV 28/0800Z
PART TWO OF THREE PARTS-

W NICSO 48/50 50/40 52/30 52/20 LIMRI XETBO
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N211E N197A-

X PORTI 47/50 49/40 51/30 51/20 DINIM ELSOX
EAST LVLS 320 330 340 350 360 370 380 390 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR N155A N139A-

Y DOVEY 42/60 44/50 47/40 50/30 50/20 SOMAX ATSUR
EAST LVLS 320 340 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

END OF PART TWO OF THREE PARTS)

(NAT-3/3 TRACKS FLS 320/400 INCLUSIVE
NOV 28/0100Z TO NOV 28/0800Z
PART THREE OF THREE PARTS-

TCC221D KMSP-OEJN (27-Nov-2021) #1

Z SOORY 43/50 46/40 49/30 49/20 BEDRA NASBA
EAST LVLS 320 360 380 400
WEST LVLS NIL
EUR RTS EAST NIL
NAR NIL-

REMARKS:

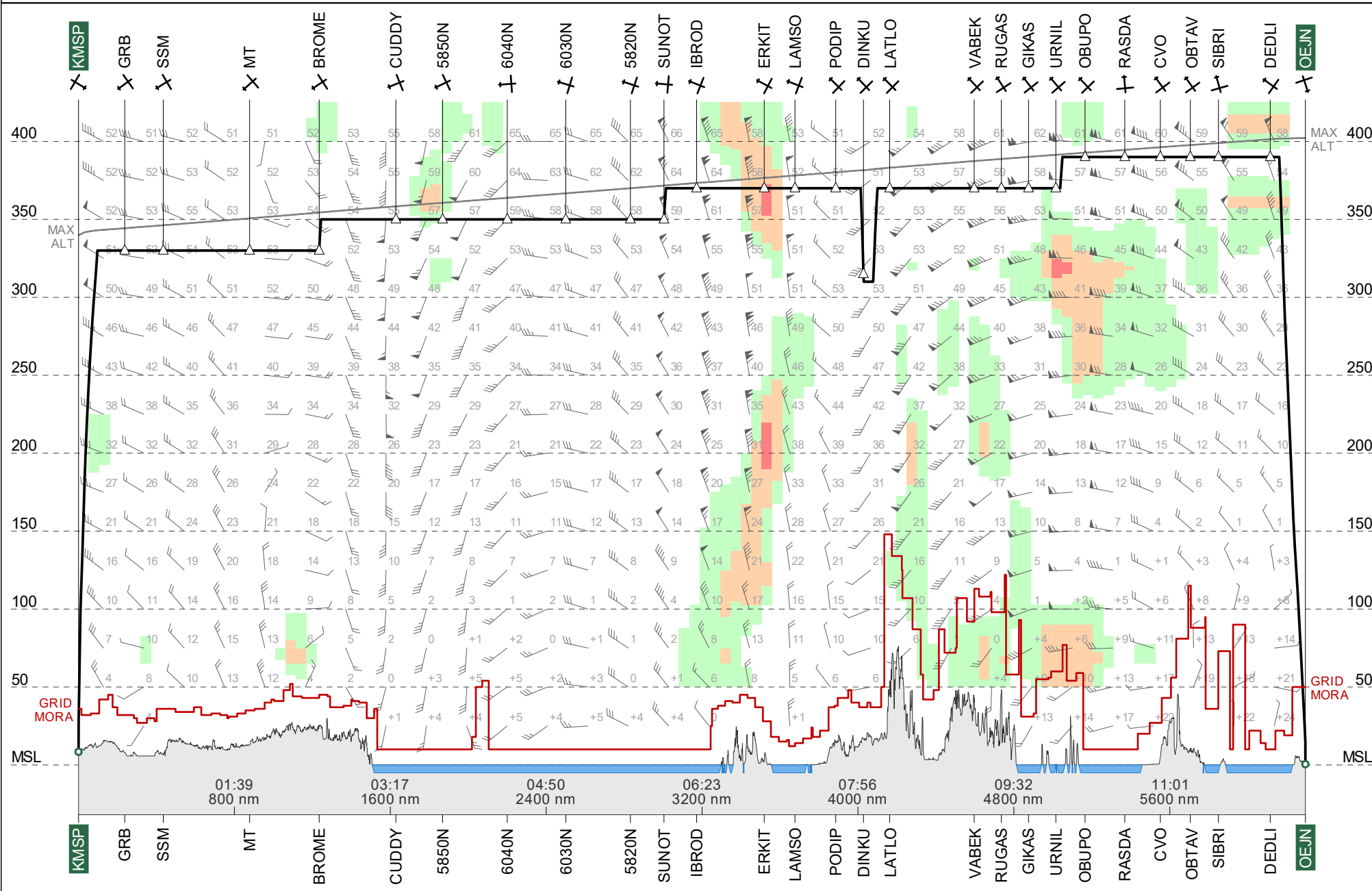
- 1.TMI IS 332 AND OPERATORS ARE REMINDED TO INCLUDE TMI NUMBER IN OCEANIC CLEARANCE READ BACK.
- 2.ADS-C AND CPDLC ARE MANDATED FOR LEVELS 290-410 IN NAT AIRSPACE.
- 3.PBCS OTS LEVELS 350-390. PBCS TRACKS AS FOLLOWS
TRACKS NIL
END OF PBCS OTS.
- 4.AS PER NOTAM H3523/21,GANDER OCEANIC VERBAL CLEARANCE DELIVERY SVC NOT AVBL.
EASTBOUND OCEANIC FLT WILL REC CLEARANCE BY MONCTON, MONTREAL OR GANDER ACC.
OPR ARE TO REQUEST THEIR CLR ON CONTROL FREQ.DATA LINK CLR SERVICE UNCHANGED.
- 5.80 PERCENT OF NAVIGATIONAL ERRORS RESULT FROM POOR COCKPIT PROCEDURES
ALWAYS CARRY OUT PROPER WAYPOINT PROCEDURES.
- 6.SEE NAT OPS BULLETIN 2015?004 FOR DATALINK CREW PROCEDURES.
ICAO WEBSITE WWW.ICAO.INT
- 7.EASTBOUND AIRCRAFT OPERATING IN THE OTS MUST COMPLY WITH NAR FLIGHT PLANNING RULES IN CANADA FLIGHT SUPPLEMENT OR DAILY BOSTON ADVISORY
- 8.AIRCRAFT EXITING THE NAT INTO TO A DOMESTIC AGENCY SHOULD CONTINUE TO OPERATE TRANSPONDERS ON CODE 2000 UNTIL OTHERWISE ADVISED BY ATC
SEE ICAO NAT DOC 007 6.8 FOR MORE INFO.
- 9.AS PER NOTAM H3764/21 SEND RCL 90-60 MINUTES PRIOR TO OCEAN ENTRY POINT.-

END OF PART THREE OF THREE PARTS)

TR221D #1

KMSP → OEJN

ETD 27 Nov 22:50z
FOHGG B77L



Route Chart

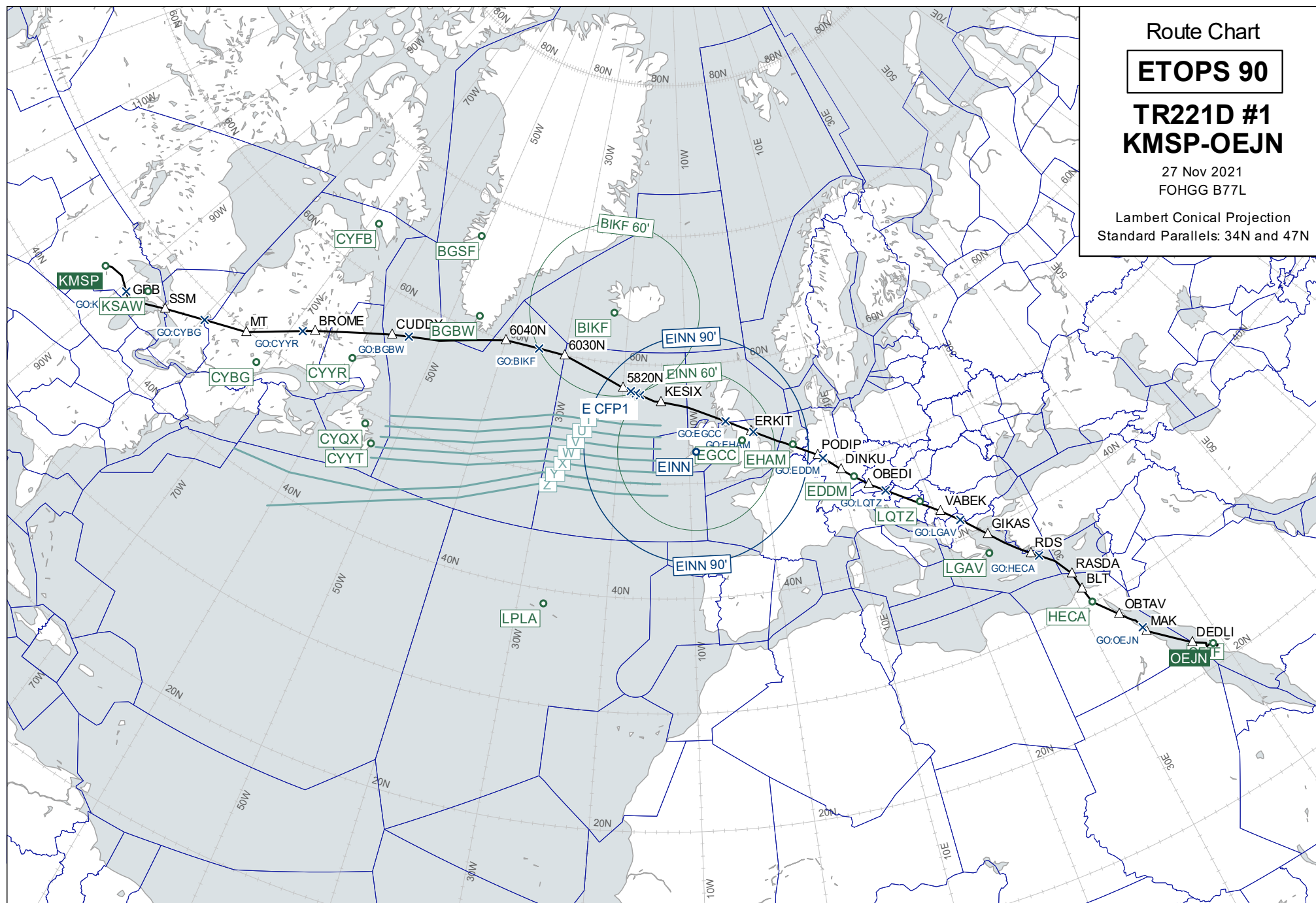
ETOPS 90

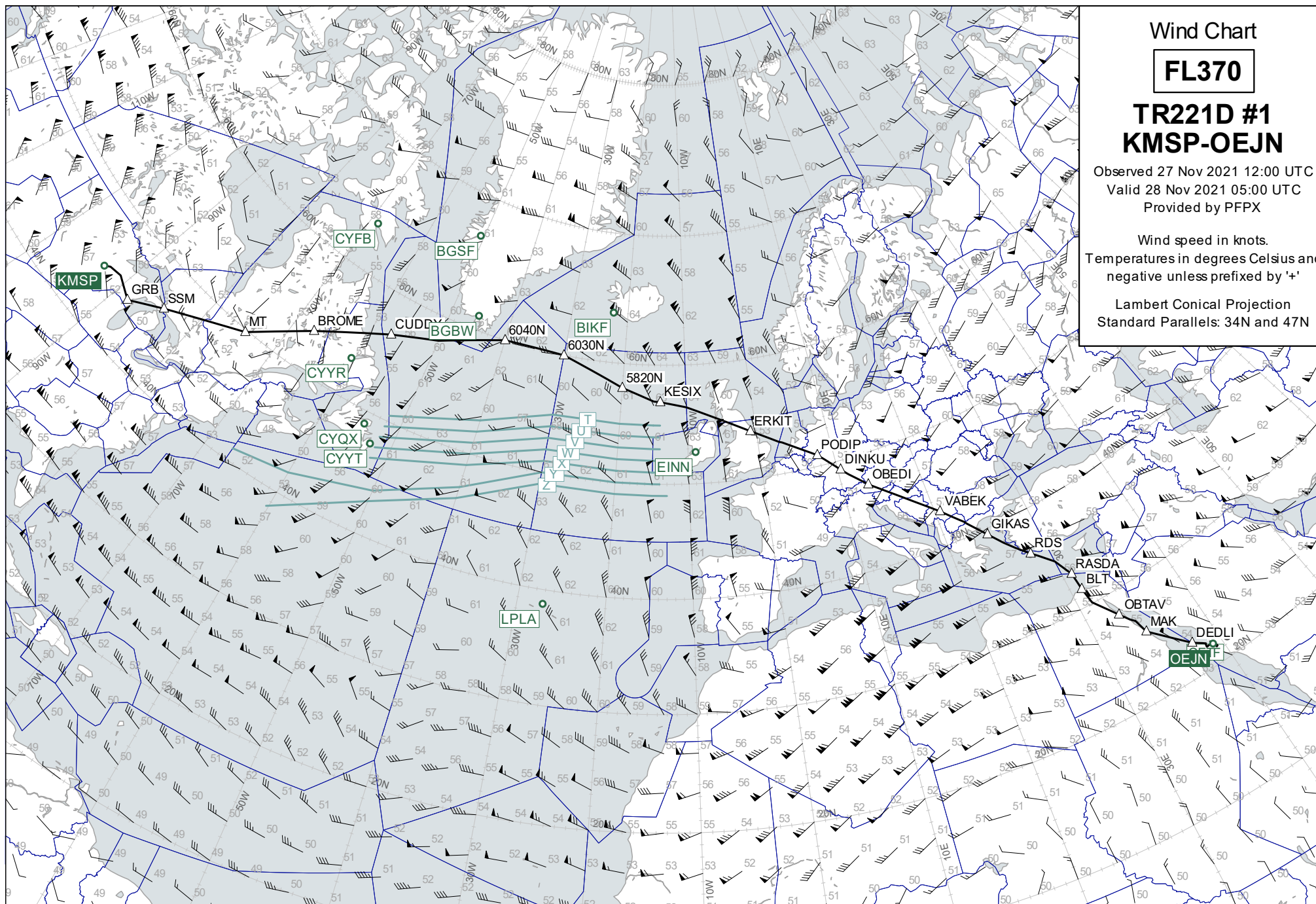
TR221D #1 KMSP-OEJN

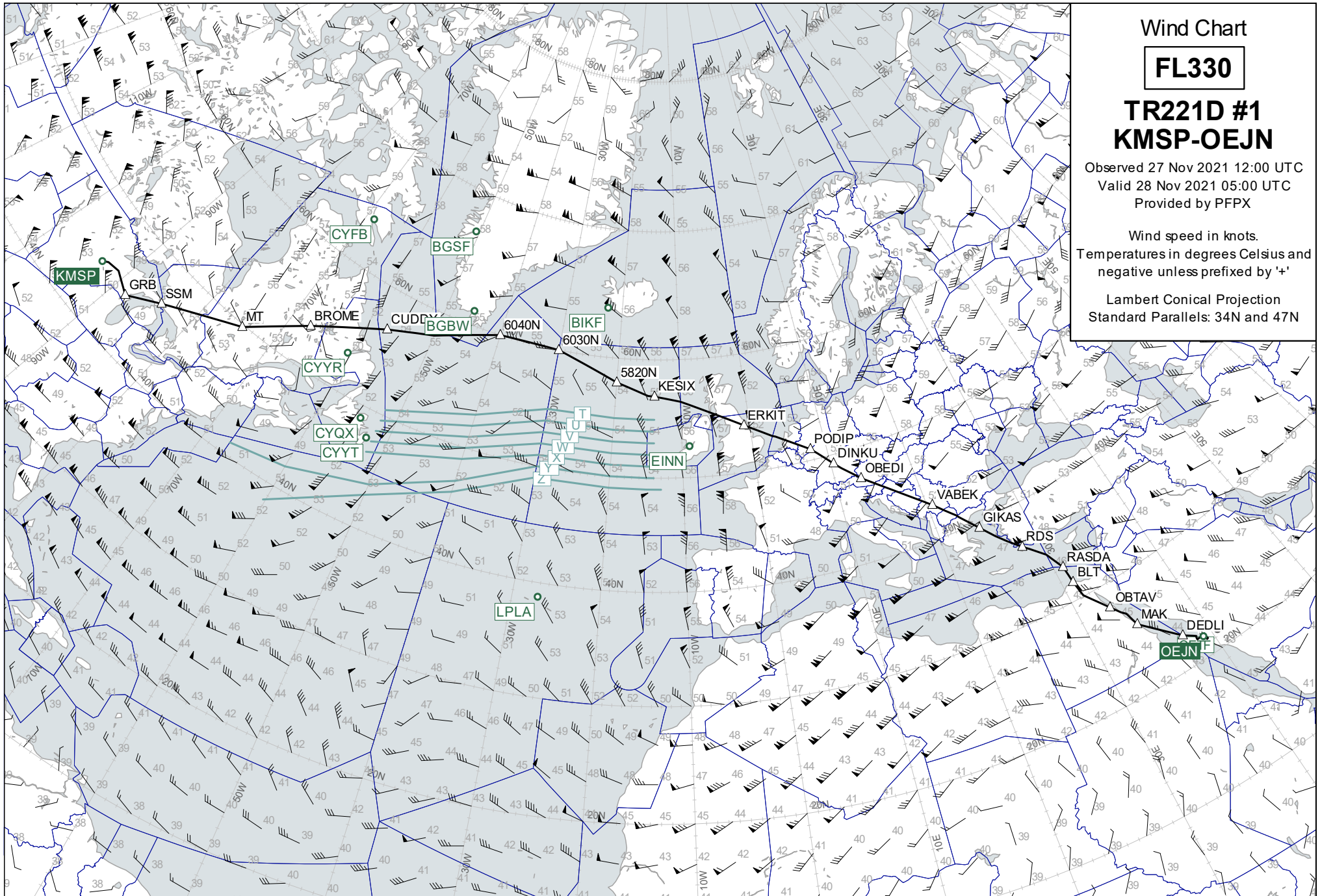
27 Nov 2021

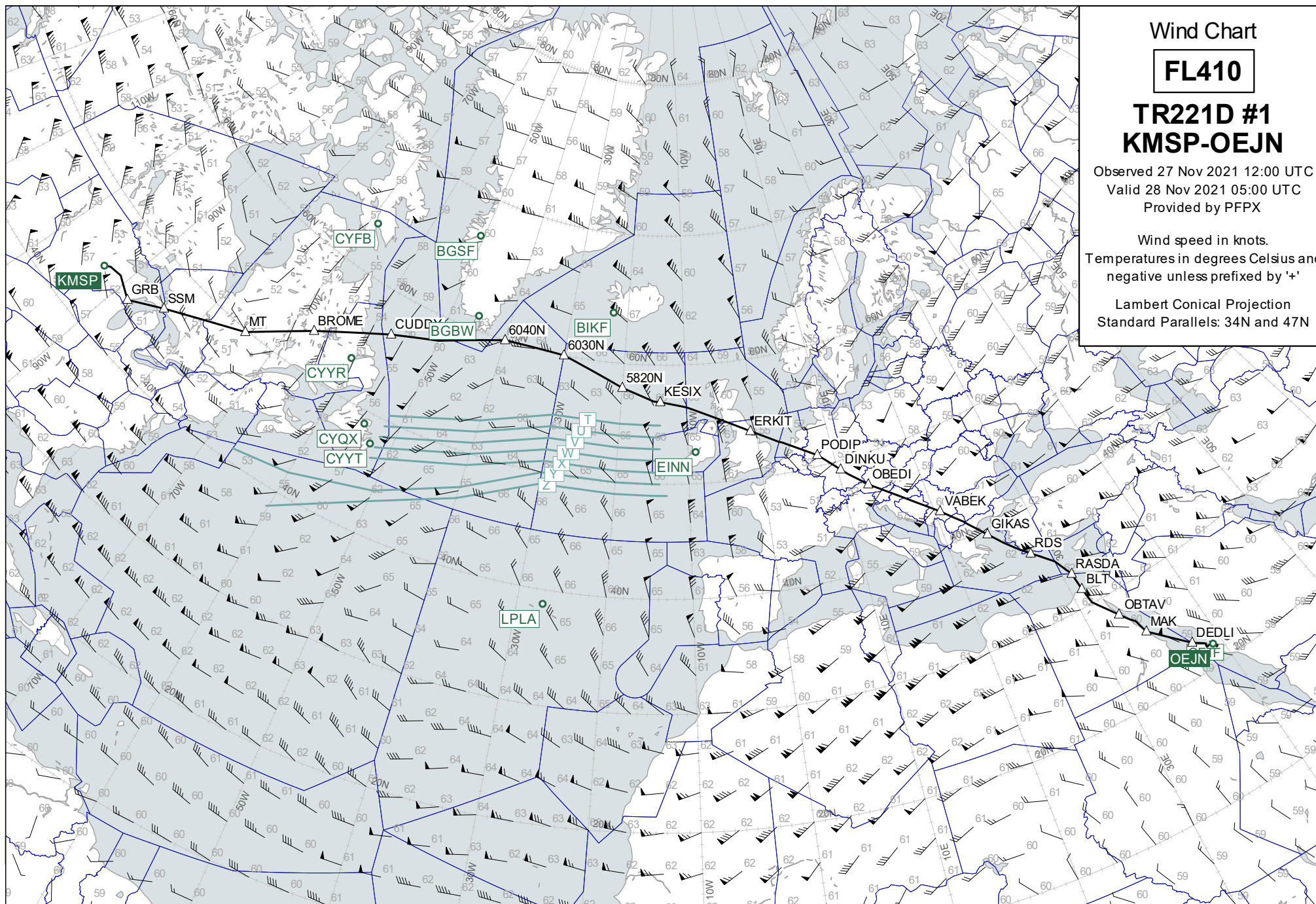
FOHGG B77L

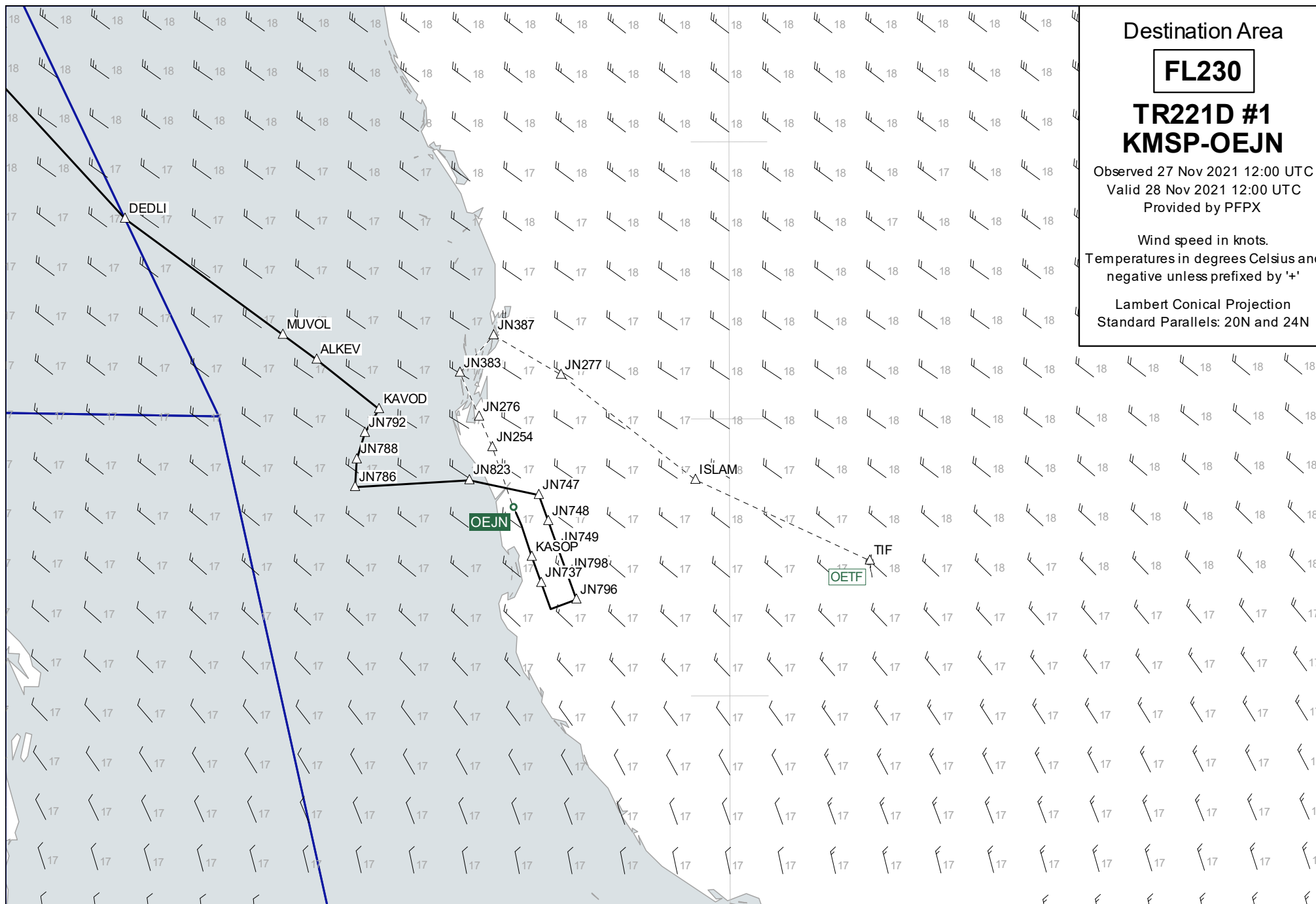
Lambert Conical Projection
Standard Parallels: 34N and 47N











Plotting Chart

TR221D #1 KMSP-OEJN

27 Nov 2021

FOHGG B77L

Lambert Conical Projection
Standard Parallels: 53N and 56N

