



Flight Briefing Package

TCC304A RJGG-KMSP

07-Apr-2024 #1

RELEASE #1

CHUBU CENTRAIR INTL
(JAPAN)

-

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

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

07 APR 0741 UTC

TCC304A RJGG-KMSP (07-Apr-2024) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC304A PJTGC RJGG-KMSP

 ALL WEIGHTS IN KILOGRAMS (KG) STD 07APR/0915Z

OPF 1 - PREPARED 07APR/0741Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR304A/TCC304A PJTGC/B777-2LR GE SEL/SALH ROUTE: RJGGKMSP01

DEP: RJGG/NGO 18 ELEV 12 FT COST INDEX: 250 TTL G/C DIST: 5307 NM
 ARR: KMSP/MSP 30L ELEV 842 FT INIT ALT: FL330 TTL F/P DIST: 5715 NM
 FUEL BIAS: 102.5% TTL AIR DIST: 5052 NM
 AVG WIND CMP: TL063 KT

ALT: KORD/ORD 10R ELEV 680 FT 329 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM		ZFW	TOW	LDW
STANDARD	156746	266	0	30324	18336 LDW	MAX	209106	350987	223167
						PLN	187070	280695	204831
						ACT	.....	.....	.....

 ** TAKE-OFF DATA RJGG 18 **

COND: 280695 KG // RWY DRY // +20•C Q1016 140/06 // LMT: CLIMB
 CONFIG: FLAPS 15 // D-TO +52C // A/I OFF/AUTO // A/C ON
 SPEEDS: V1=153 VR=156 V2=160
 ENG OUT: AT 15 DME 'CBE' 117.8 RT TO 'CBE' 117.8 (360 INBD,LT)

	FUEL	CORR	ENDUR	
TRIP	75864	.....	10:34	
CONT 5%	3793	.....	00:36	
ALTN KORD	5797	.....	00:51	
FINAL RESV	3201	.....	00:30	
HOLD	2132	.....	00:20	
ADD FUEL	1239	.....	00:12	
MIN T/O	92026	.....	13:02	.....
EXTRA	1599	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	94630	.....	13:32	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	17091	.....	02:33	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 19935 KG LIM BY LDW
 TRIP CORR FOR 5000 KG TOW INCR: +1169 KG / 5000 KG TOW DECR: -1233 KG
 2000 FT LOWER: +1624 KG / EET 10:32 CLB: 250/310/84 DES: 84/320/250

RJGG	STD 09:15Z/18:15L	ETD 09:15Z	ACT OFBL	EST T/O 09:30Z	ACT T/O
KMSP	STA 21:25Z/16:25L	ETA 20:14Z	ACT ONBL	EST LDG 20:04Z	ACT LDG
	SKD 12:10	PLN 10:59	TTL BLCK	EST FLT 10:34	TTL FLT

***** **180 MIN ETOPS CRITICAL FUEL SUMMARY** *****

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (RJAA)	89 NM BEFORE KALNA	N38 24.8 E148 11.2	EET 01:11
ETOPS EXIT (KSEA)	137 NM BEFORE UDMAP	N49 45.0 W131 55.3	EET 07:04

TCC304A RJGG-KMSP (07-Apr-2024) #1

ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD

RJAA (11:46-14:04)
PASY (13:37-17:06)
PANC (16:33-17:56)
KSEA (17:21-17:56)

ONE ENGINE OUT ETP 1 FOR RJAA/PASY N41 16.5 E156 59.5 EET 01:57
1E084/320 DESC TO FL234 CRUISE AT 1E0320 142 NM BEFORE 42E60
PLN FUEL OVER ETP 75270 ETP FUEL REQ 22407 DIV TIME 02:10
ETP TO RJAA (N35 45.9 E140 23.1) DIST 846 NM WC HD053 TT 252
ETP TO PASY (N52 42.7 E174 06.8) DIST 978 NM WC TL016 TT 040
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT DECOMP ETP 1 FOR RJAA/PASY N41 33.3 E158 06.5 EET 02:03
84/320/250 DESC TO FL100 CRUISE AT 1E0320 89 NM BEFORE 42E60
PLN FUEL OVER ETP 74577 ETP FUEL REQ 22638 DIV TIME 02:32
ETP TO RJAA (N35 45.9 E140 23.1) DIST 900 NM WC HD014 TT 253
ETP TO PASY (N52 42.7 E174 06.8) DIST 933 NM WC TL008 TT 039
*** FUEL DUMP REQUIRED ***

ALL ENGINE DECOMP ETP 1 FOR RJAA/PASY N41 33.3 E158 06.5 EET 02:03
84/320/250 DESC TO FL100 CRUISE AT AE320 89 NM BEFORE 42E60
PLN FUEL OVER ETP 74577 ETP FUEL REQ 21597 DIV TIME 02:32
ETP TO RJAA (N35 45.9 E140 23.1) DIST 900 NM WC HD014 TT 253
ETP TO PASY (N52 42.7 E174 06.8) DIST 933 NM WC TL008 TT 039
*** FUEL DUMP REQUIRED ***

ONE ENGINE OUT ETP 2 FOR PASY/PANC N48 11.2 W164 42.2 EET 04:57
1E084/320 DESC TO FL257 CRUISE AT 1E0320 193 NM BEFORE 49N60
PLN FUEL OVER ETP 53421 ETP FUEL REQ 21261 DIV TIME 02:06
ETP TO PASY (N52 42.7 E174 06.8) DIST 851 NM WC HD037 TT 297
ETP TO PANC (N61 10.5 W149 59.9) DIST 928 NM WC HD001 TT 027

ONE ENGINE OUT DECOMP ETP 2 FOR PASY/PANC N48 15.8 W164 18.5 EET 04:59
84/320/250 DESC TO FL100 CRUISE AT 1E0320 177 NM BEFORE 49N60
PLN FUEL OVER ETP 53220 ETP FUEL REQ 22758 DIV TIME 02:37
ETP TO PASY (N52 42.7 E174 06.8) DIST 864 NM WC HD027 TT 296
ETP TO PANC (N61 10.5 W149 59.9) DIST 917 NM WC HD005 TT 027

ALL ENGINE DECOMP ETP 2 FOR PASY/PANC N48 15.8 W164 18.5 EET 04:59
84/320/250 DESC TO FL100 CRUISE AT AE320 177 NM BEFORE 49N60
PLN FUEL OVER ETP 53220 ETP FUEL REQ 21726 DIV TIME 02:37
ETP TO PASY (N52 42.7 E174 06.8) DIST 864 NM WC HD027 TT 296
ETP TO PANC (N61 10.5 W149 59.9) DIST 917 NM WC HD005 TT 027

ONE ENGINE OUT ETP 3 FOR PANC/KSEA N50 06.0 W143 39.0 EET 06:19
1E084/320 DESC TO FL270 CRUISE AT 1E0320 141 NM BEFORE 50N40
PLN FUEL OVER ETP 43931 ETP FUEL REQ 16246 DIV TIME 01:34
ETP TO PANC (N61 10.5 W149 59.9) DIST 699 NM WC HD002 TT 345
ETP TO KSEA (N47 27.0 W122 18.7) DIST 857 NM WC TL094 TT 092

ONE ENGINE OUT DECOMP ETP 3 FOR PANC/KSEA N50 04.7 W142 25.0 EET 06:24
84/320/250 DESC TO FL100 CRUISE AT 1E0320 93 NM BEFORE 50N40
PLN FUEL OVER ETP 43409 ETP FUEL REQ 17746 DIV TIME 02:03
ETP TO PANC (N61 10.5 W149 59.9) DIST 714 NM WC HD007 TT 342

TCC304A RJGG-KMSP (07-Apr-2024) #1

ETP TO KSEA (N47 27.0 W122 18.7) DIST 809 NM WC TL034 TT 094

ALL ENGINE DECOMP ETP 3 FOR PANC/KSEA N50 04.7 W142 25.0 EET 06:24
 84/320/250 DESC TO FL100 CRUISE AT AE320 93 NM BEFORE 50N40
 PLN FUEL OVER ETP 43409 ETP FUEL REQ 16941 DIV TIME 02:03
 ETP TO PANC (N61 10.5 W149 59.9) DIST 714 NM WC HD007 TT 342
 ETP TO KSEA (N47 27.0 W122 18.7) DIST 809 NM WC TL034 TT 094

ATC ROUTE: N0492F330 CHITA3 BOGON Y23 ARTIC Y71 XAC DCT KAGIS A590 POROT Y809
 IDLAN Y812 ADNAP OTR5 KALNA/N0484F350 DCT 42N160E 44N170E 45N180E
 47N170W 49N160W 50N150W 50N140W DCT ORNAI DCT UDMAP DCT
 TOU/N0486F370 DCT MLP Q142 KEETA Q144 LEWIT Q140 SAYOR/N0488F390
 Q140 TTAIL BAINY3

ALTERNATE PLANNING

ALTN/RWY DIST ALT/FL MSA COMP TIME FUEL DIFF ROUTE
 KORD/10R 329 FL390 041 HD005 00:51 5797 - RST1 RST DCT DBQ DCT JVL
 JVL1

MOST CRITICAL MORA 13000 FT AT MLP

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA	FREQ WND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO / ATO	ACC
	RJGG/18		12	079				93.6 / 1.0			
	CHUBU CENTRAIR INTL					5715	N3452.4	E13648.1/.....		
CHITA3	FAROL	185	*CLB	079			9	92.1 / 2.5	04	00.04	
				P04	243/007	5706	N3443.5	E13648.7/.....		
CHITA3	COSTA	127	*CLB	079			6	91.7 / 3.0	01	00.05	
				P06	256/015	5700	N3440.6	E13655.0/.....		
CHITA3	LAURA	106	*CLB	079			23	90.6 / 4.1	03	00.08	
				P08	258/041	5677	N3437.4	E13722.3/.....		
CHITA3	BOGON	122	*CLB	044			12	90.1 / 4.5	02	00.10	
				P09	257/049	5665	N3432.6	E13735.7/.....		
Y23	ENSYU	098	*CLB	059			22	89.4 / 5.2	02	00.12	
				P06	250/058	5644	N3432.6	E13802.0/.....		
	RJAA	098	*CLB	059			17	88.9 / 5.7	02	00.14	
				P05	242/053	5627	N3432.6	E13822.1/.....		
Y23	BOKJO	098	*CLB	059			1	88.9 / 5.7	00	00.14	
				P05	246/064	5626	N3432.5	E13823.1/.....		
Y23	*TOC	071	FL330	059		492	15	88.5 / 6.1	02	00.16	
				P03	242/069	561	5612	N3439.1	E13838.9/.....	
Y23	ARTIC	071	FL330	059		492	9	88.4 / 6.2	01	00.17	
				P03	243/069	561	5603	N3442.9	E13848.3/.....	

TCC304A RJGG-KMSP (07-Apr-2024) #1

```

Y71   SPENS   098  FL330 060           492  10      88.3 /   6.4   01  00.18
      P03 243/070 553 5593  N3442.9 E13900.1 ...../.....

Y71   XAC     098  FL330 060 113.10 492  20      88.0 /   6.6   02  00.20
      OSHIMA P03 245/071 554 5573  N3442.7 E13924.8 ...../.....

DCT   KAGIS   073  FL330 060           491  168     85.6 /   9.0   18  00.38
      P03 250/080 573 5405  N3549.2 E14233.8 ...../.....

A590  POROT   086  FL330 010           492  33      85.2 /   9.5   03  00.41
      P03 252/078 570 5372  N3555.8 E14313.7 ...../.....

Y809  IDLAN   090  FL330 010           492  43      84.6 /  10.1   05  00.46
      P03 252/077 568 5329  N3601.0 E14405.7 ...../.....

Y812  ADNAP   054  FL330 010           492  104     83.1 /  11.5   11  00.57
      P03 260/088 564 5225  N3711.9 E14540.0 ...../.....
    
```

----- ETOPS ENTRY (RJAA) 0089 NM BEFORE KALNA EET 01:11 -----

```

OTR5  KALNA   066   *CLB 010           229      80.0 /  14.6   23  01.20
      P01 263/097           4996  N3909.2 E14949.5 ...../.....

      *ETP 1  073  FL350 010           483  405     74.6 /  20.1   43  02.03
      RJAA/PASY P00 260/096 576 4591  N4133.3 E15806.5 ...../.....

FLX1  42E60   076  FL350 010           484  89      73.4 /  21.2   09  02.12
      42N160E P00 260/095 578 4502  N4200.0 E16000.0 ...../.....

FLX1  *BDRY   075  FL350 010           483  228     70.4 /  24.2   24  02.36
      -KZAK M01 256/084 562 4274  N4306.6 E16455.2 ...../.....
    
```

----- 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 (.....) _____
    
```

```

FLX1  44E70   077  FL350 010           483  228     67.5 /  27.2   24  03.00
      44N170E M01 268/096 577 4046  N4400.0 E17000.0 ...../.....

FLX1  45E80   079  FL350 010           491  433     62.0 /  32.6   45  03.45
      45N180E P06 288/069 554 3614  N4500.0 E18000.0 ...../.....

FLX1  47N70   067  FL350 010           492  434     56.2 /  38.4   48  04.33
      47N170W P06 260/069 560 3179  N4700.0 W17000.0 ...../.....

      *ETP 2  063  FL350 010           492  242     53.2 /  41.4   26  04.59
      PASY/PANC P07 251/087 575 2937  N4815.8 W16418.5 ...../.....

FLX1  49N60   065  FL350 010           490  177     51.1 /  43.5   18  05.17
      49N160W P04 248/116 599 2760  N4900.0 W16000.0 ...../.....

FLX1  50N50   067  FL350 010           488  395     46.6 /  48.0   38  05.55
    
```

TCC304A RJGG-KMSP (07-Apr-2024) #1

	50N150W		P03	257/129	614	2365	N5000.0	W15000.0/.....
	*ETP 3	073	FL350	010		485 292	43.4 /	51.2	29 06.24
	PANC/KSEA		P00	270/132	619	2073	N5004.7	W14225.0/.....
FLX1	50N40	077	FL350	010		484 94	42.4 /	52.3	09 06.33
	50N140W		M00	274/128	614	1979	N5000.0	W14000.0/.....
FLX1	ORNAI	072	FL350	010		485 255	39.5 /	55.1	25 06.58
			M00	287/122	602	1724	N5000.0	W13323.9/.....
----- ETOPS EXIT (KSEA) 0137 NM BEFORE UDMAP EET 07:04 -----									
DCT	*BDRY	089	FL350	010		485 117	38.2 /	56.4	12 07.10
-CZVR			M00	297/114	599	1607	N4929.1	W13028.8/.....
DCT	UDMAP	090	FL350	010		485 79	37.3 /	57.3	08 07.18
			M00	304/110	591	1528	N4906.0	W12833.9/.....
DCT	*BDRY	090	FL350	058		486 130	35.8 /	58.8	13 07.31
-KZSE			M00	313/088	572	1399	N4828.5	W12525.6/.....
DCT	TOU	093	*CLB	074	112.20	34	35.4 /	59.2	04 07.35
	TATOOSH NEAH BAY		M01	314/080		1365	N4818.0	W12437.6/.....
DCT	*BDRY	079	FL370	088		486 41	34.8 /	59.8	04 07.39
-CZVR			P01	313/055	532	1324	N4814.4	W12336.5/.....
DCT	*BDRY	080	FL370	088		486 5	34.8 /	59.8	01 07.40
-KZSE			P01	313/054	531	1319	N4813.9	W12328.4/.....
DCT	MLP	080	FL370	130	117.80	486 319	30.7 /	63.9	38 08.18
	MULLAN PASS		P00	200/010	489	999	N4727.4	W11538.8/.....
	KBIL	079	FL370	099		7	30.6 /	64.0	00 08.18
			M01	279/019		992	N4727.1	W11528.6/.....
Q142	*BDRY	079	FL370	099		486 19	30.3 /	64.3	03 08.21
-KZLC			M00	185/014	489	973	N4726.2	W11500.0/.....
Q142	KEETA	080	FL370	120		485 86	29.2 /	65.5	11 08.32
			M01	163/022	478	887	N4720.7	W11252.9/.....
Q144	LEWIT	076	FL370	116		484 111	27.6 /	67.0	14 08.46
			M03	153/024	474	775	N4723.0	W11008.8/.....
Q140	SAYOR	080	*CLB	115		211	24.7 /	69.9	26 09.12
			M01	117/020		565	N4714.0	W10458.7/.....
Q140	*BDRY	083	FL390	055		486 74	23.6 /	71.0	10 09.22
-KZMP			P00	131/024	468	491	N4711.2	W10309.9/.....
Q140	WILTN	086	FL390	048		488 97	22.3 /	72.3	12 09.34
			P01	125/031	461	393	N4705.0	W10047.7/.....
	KMSP	091	FL390	042		13	22.1 /	72.5	02 09.36
			P02	111/025		380	N4703.5	W10028.9/.....

TCC304A RJGG-KMSP (07-Apr-2024) #1

Q140	TTAIL	092	FL390	042	489	158	20.0 / 74.7	21	09.57	
				P02	133/027	464	223	N4641.5	W09641.2/.....
BAINY3	WINDD	111	FL390	037	490	85	18.8 / 75.8	11	10.08	
				P04	151/023	470	138	N4606.9	W09448.3/.....
BAINY3	*TOD	114	FL390	035	491	24	18.5 / 76.1	03	10.11	
				P04	160/023	474	114	N4556.9	W09417.2/.....
BAINY3	TIGHE	115	*DES	034		7	18.5 / 76.1	01	10.12	
				P04	140/033		107	N4553.8	W09407.8/.....
BAINY3	BAINY	115	*DES	036		20	18.4 / 76.2	03	10.15	
				M02	120/050		87	N4545.2	W09342.0/.....
BAINY3	LUCCY	159	*DES	036		11	18.4 / 76.2	01	10.16	
				P01	118/049		76	N4535.1	W09336.5/.....
BAINY3	SAUGR	159	*DES	036		15	18.4 / 76.3	03	10.19	
				P01	124/042		61	N4520.9	W09328.9/.....
BAINY3	GEP	160	*DES	036	117.30	13	18.3 / 76.3	02	10.21	
	GOPHER	MINNEAPOLIS		M01	131/035		48	N4508.7	W09322.4/.....
BAINY3	PRRPL	156	*DES	036		6	18.3 / 76.4	01	10.22	
				M01	134/031		41	N4503.1	W09318.9/.....
BAINY3	MAUER	173	*DES	036		16	18.2 / 76.5	04	10.26	
				M03	145/031		25	N4446.9	W09315.9/.....
BAINY3	JJENI	121	*DES	036		11	18.1 / 76.6	02	10.28	
				M06	146/037		14	N4441.1	W09302.3/.....
BAINY3	KMSP/30L	329	842	036		14	17.8 / 76.9	06	10.34	
	MINNEAPOLIS-ST PAUL							N4452.4	W09312.1/.....

TCC304A RJGG-KMSP (07-Apr-2024) #1

WIND INFORMATION - OBS 07/APR 00:00

(CLIMB)			SPENS			KAGIS			ADNAP		
FL320	245/066	-45	FL370	250/077	-58	FL370	250/088	-58	FL370	255/098	-58
FL260	254/057	-30	FL350	245/074	-52	FL350	249/085	-53	FL350	258/094	-53
FL190	259/041	-14	FL330	244/070	-47	FL330	251/080	-47	FL330	260/089	-47
13000	255/023	-5	FL310	247/067	-42	FL310	255/075	-42	FL310	262/081	-43
6000	222/004	+7	FL290	250/063	-37	FL290	257/068	-37	FL290	263/072	-38
42E60			44E70			45E80			47N70		
FL390	259/086	-59	FL390	269/101	-61	FL390	284/066	-51	FL390	263/061	-48
FL370	259/090	-57	FL370	269/101	-59	FL370	286/068	-50	FL370	262/065	-48
FL350	261/095	-54	FL350	268/097	-56	FL350	288/069	-49	FL350	261/069	-48
FL330	261/096	-51	FL330	269/090	-52	FL330	290/068	-48	FL330	261/070	-48
FL310	259/092	-47	FL310	274/080	-46	FL310	293/064	-47	FL310	263/066	-48
49N60			50N50			50N40			ORNAI		
FL390	253/077	-48	FL390	263/094	-52	FL390	273/095	-58	FL390	286/094	-58
FL370	251/095	-49	FL370	261/110	-52	FL370	274/111	-57	FL370	287/108	-57
FL350	249/116	-50	FL350	258/129	-52	FL350	275/129	-55	FL350	288/122	-55
FL330	247/129	-49	FL330	256/140	-50	FL330	275/136	-51	FL330	288/128	-51
FL310	247/132	-47	FL310	257/141	-45	FL310	274/133	-46	FL310	287/125	-47
UDMAP			MLP			KEETA			LEWIT		
FL390	303/070	-57	FL410	260/008	-54	FL410	200/008	-56	FL410	169/014	-57
FL370	304/089	-56	FL390	244/007	-55	FL390	181/012	-57	FL390	163/019	-59
FL350	304/110	-55	FL370	201/011	-56	FL370	164/022	-58	FL370	153/024	-59
FL330	304/118	-52	FL350	183/019	-57	FL350	157/035	-59	FL350	146/031	-59
FL310	303/111	-47	FL330	174/026	-56	FL330	155/042	-57	FL330	143/033	-57
WILTN			(DESCENT)								
FL430	153/020	-54	FL380	205/034	-56						
FL410	137/025	-55	FL310	164/037	-48						
FL390	125/031	-55	FL230	146/035	-30						
FL370	114/034	-56	15000	132/034	-12						
FL350	103/036	-56	7000	141/039	0						

END FLIGHTPLAN 01936 TCC304A PJTGC RJGG-KMSP 07APR2024

TCC304A RJGG-KMSP (07-Apr-2024) #1

[ATC FLIGHTPLAN]

(FPL-TCC304A-IS

-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2

-RJGG0915

-N0492F330 CHITA3 BOGON Y23 ARTIC Y71 XAC DCT KAGIS A590 POROT

Y809 IDLAN Y812 ADNAP OTR5 KALNA/N0484F350 DCT 42N160E 44N170E

45N180E 47N170W 49N160W 50N150W 50N140W DCT ORNAI DCT UDMAP DCT

TOU/N0486F370 DCT MLP Q142 KEETA Q144 LEWIT Q140 SAYOR/N0488F390

Q140 TTAIL BAINY3

-KMSP1034 KORD

-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/240407 REG/PJTGC

EET/KZAK0236 CZVR0710 KZSE0731 CZVR0739 KZSE0740 KZLC0821

KZMP0922

SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/C

RALT/RJAA PASY PANC KSEA

RMK/TCAS

-E/1317)

TCC304A RJGG-KMSP (07-Apr-2024) #1

[PLANNING WEATHER]

ORIGIN: RJGG/NGO (CHUBU CENTRAIR INTL, JAPAN)

UTC +09:00

RJGG 070700Z 15011KT 9999 FEW030 SCT080 BKN140 20/11 Q1016 NOSIG
RJGG 070505Z 0706/0812 14006KT 9999 FEW010 SCT020
TEMPO 0712/0721 4000 BR
BECMG 0715/0717 35008KT
TEMPO 0809/0812 4000 RA BR FEW004 BKN008

DESTINATION: KMSP/MSP (MINNEAPOLIS-ST PAUL INTL/WOLD-, UNITED STATE UTC -05:00)

KMSP 070653Z 11015G26KT 10SM SCT170 08/M02 A2990 RMK A02 PK WND 11026/0635
SLP130 T00831022
KMSP 070520Z 0706/0812 12013G25KT P6SM SCT200
FM071400 11019G29KT 5SM -SHRA BR OVC025
FM071600 11018G30KT 5SM -RA BR OVC015
FM071800 11018G29KT 3SM -RA BR OVC008
FM072300 11018G28KT 4SM -DZ BR OVC008
FM080400 10013G22KT 4SM -SHRA BR OVC007

ALTERNATE: KORD/ORD (CHICAGO OHARE INTL, UNITED STATES)

UTC -05:00

KORD 070651Z 10006KT 10SM CLR 04/M01 A3008 RMK A02 SLP188 T00391006
KORD 070530Z 0706/0812 09008KT P6SM SKC
FM071400 13015G25KT P6SM VCSH OVC100
FM071700 12020G30KT 6SM -SHRA OVC045
FM072200 12015G25KT P6SM VCSH SCT025 OVC035
FM080200 13010KT P6SM BKN030

EDTO AIRPORT: KSEA/SEA (SEATTLE-TACOMA INTL, UNITED STATES)

UTC -07:00

KSEA 070653Z 21008KT 10SM FEW017 BKN090 07/03 A3016 RMK A02 SLP222
T00670033
KSEA 070520Z 0706/0812 20009KT P6SM SCT015 BKN035
FM070800 19006KT P6SM SCT015 OVC025
FM071500 20008KT P6SM OVC015
FM072100 22010KT P6SM OVC035
FM080300 21006KT P6SM OVC040

EDTO AIRPORT: PANC/ANC (STEVENS ANCHORAGE INTL, ALASKA)

UTC -08:00

PANC 070653Z 00000KT 10SM FEW010 BKN065 OVC080 02/M02 A2945 RMK A02 SLP973
T00171017 \$
PANC 070520Z 0706/0812 03007KT P6SM VCSH FEW045 BKN070

TCC304A RJGG-KMSP (07-Apr-2024) #1

EDTO AIRPORT: PASY/SYA (EARECKSON AS, ALASKA)

UTC -10:00

PASY 070655Z 31019KT 6SM -SHRA SCT026 OVC040 01/M01 A3013 RMK A02A PK WND
31027/0600 SHRAB41 SLP204 ALSTG/SLP ESTMD WND DATA ESTMD T00091007 PNO
FZFRAN0 \$

PASY 070600Z 0706/0812 31025KT 9999 SCT015 BKN025 OVC035 510003 QNH3006INS
BECMG 0715/0716 30020G30KT 9999 SCT025 OVC040 510003 QNH3028INS
BECMG 0723/0724 30020G25KT 9999 SCT027 SCT040 BKN075 510003 QNH3042INS
BECMG 0804/0805 31012G18KT 9999 SCT027 510003 QNH3046INS TX03/0804Z
TN00/0713Z LIMITED METWATCH 0706 TIL 0718

EDTO AIRPORT: RJAA/NRT (NARITA INTL, JAPAN)

UTC +09:00

RJAA 070700Z 14007KT 110V170 9999 VCSH FEW015 SCT025 21/16 Q1016 TEMPO
FM0800 FEW008 BKN012 RMK 1CU015 3CU025 A3003

RJAA 070505Z 0706/0812 12006KT 9999 FEW008 BKN015

TEMPO 0708/0711 FEW005 BKN008

BECMG 0711/0713 1500 BR BCFG FEW002 BKN005

TEMPO 0713/0721 0500 FG BKN001

BECMG 0800/0803 9999 NSW FEW008 BKN012

BECMG 0806/0809 03004KT 4000 -RA BR FEW005 BKN008

ADEQUATE: KBIL/BIL (BILLINGS LOGAN INTL, UNITED STATES)

UTC -06:00

KBIL 070718Z 30017G24KT 10SM -RASN SCT040 OVC055 02/00 A2981 RMK A02 SNB15
P0000 T00170000 \$

KBIL 070540Z 0706/0806 32018G30KT P6SM -SN SCT020 BKN030 OVC050

TEMPO 0706/0707 5SM -SN BR SCT015 BKN025 OVC040

FM070700 30018G25KT P6SM SCT012 OVC025

FM071700 30018G25KT 3SM -SN BR SCT008 OVC020

FM080000 32014G23KT 2SM -SN BR SCT005 OVC010

TCC304A RJGG-KMSP (07-Apr-2024) #1

[TRACK MESSAGE]

PACIFIC TRACK MESSAGE

(TDM TRK J 240407050001
2404070500 2404072100
ALCOA BUTEN BOSKE 36N140W 35N150W 34N160W 33N170W 32N180E 31N170E
29N160E 28N150E 27N140E CANAI
RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
CANAI V75 NHC
RMK/Ø).
07 APR 05:00 2024 UNTIL 07 APR 21:00 2024. CREATED: 06 APR 18:33 2024

(TDM TRK H 240407190001
2404071900 2404080800
BAART BARAZ 34N140W 34N150W 34N160W 33N170W 32N180E 31N170E
30N160E 29N150E 28N140E BIXAK
RTS/KSFO GNNRR BAART
KLAX MCKEY LIBBO BRINY BAART
BIXAK DELTA ONC
RMK/TRK H ONLY AVAILABLE TO ACFT LANDING RCTP OR SOUTH).
07 APR 19:00 2024 UNTIL 08 APR 08:00 2024. CREATED: 07 APR 02:08 2024

(TDM TRK H 240406190001
2404061900 2404070800
ALCOA BUTEN BOSKE 37N140W 36N150W 35N160W 34N170W 32N180E 31N170E
29N160E 28N150E 27N140E CANAI
RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
CANAI V75 NHC
RMK/TRK H ONLY AVAILABLE TO ACFT LANDING RCTP OR SOUTH).
06 APR 19:00 2024 UNTIL 07 APR 08:00 2024. CREATED: 06 APR 02:48 2024

(TDM TRK F 240406190001
2404061900 2404070800
ALCOA BUTEN BOSKE 37N140W 36N150W 35N160W 35N170W 34N180E 34N170E
34N160E 35N150E SEALS
RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
SEALS OTR13 LAPIL
RMK/Ø).
06 APR 19:00 2024 UNTIL 07 APR 08:00 2024. CREATED: 06 APR 02:48 2024

(TDM TRK F 240407190001
2404071900 2404080800
ALCOA ALLBE ADTIL 35N140W 35N150W 35N160W 34N170W 33N180E 33N170E
34N160E 35N150E SEALS
RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
SEALS OTR13 LAPIL
RMK/Ø).
07 APR 19:00 2024 UNTIL 08 APR 08:00 2024. CREATED: 07 APR 02:06 2024

(TDM TRK E 240407190001
2404071900 2404080800
ALCOA BUTEN BOSKE 37N140W 37N150W 37N160W 36N170W 35N180E 35N170E
36N160E LEPKI

TCC304A RJGG-KMSP (07-Apr-2024) #1

RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
LEPKI OTR11 AVBET
RMK/Ø).
07 APR 19:00 2024 UNTIL 08 APR 08:00 2024. CREATED: 07 APR 02:06 2024

(TDM TRK E 240406190001
2404061900 2404070800
ALCOA CEPAS COBAD 38N140W 37N150W 36N160W 36N170W 35N180E 35N170E
35N160E LEPKI
RTS/KSFO GNNRR ALCOA
KLAX MCKEY LIBBO BRINY ALCOA
LEPKI OTR11 AVBET
RMK/Ø).
06 APR 19:00 2024 UNTIL 07 APR 08:00 2024. CREATED: 06 APR 02:47 2024

(TDM TRK C 240406190001
2404061900 2404070800
JOWEN LOHNE ARCAL 59N160W SELDM ECOMI NATES NIKLL NYMPH NUZAN
NRKEY NIPPI
RTS/CYVR UQQ JOWEN
KSEA TOU FINGS JOWEN
KPDY TOU FINGS JOWEN
KSFO TOU FINGS JOWEN
KLAX TOU FINGS JOWEN
NIPPI R220 NANAC
RMK/Ø).
06 APR 19:00 2024 UNTIL 07 APR 08:00 2024. CREATED: 06 APR 02:47 2024

(TDM TRK C 240407190001
2404071900 2404080800
JOWEN LOHNE ARCAL 59N160W 58N170W OBOYD NATES NIKLL NYMPH NUZAN
NRKEY NIPPI
RTS/CYVR UQQ JOWEN
KSEA TOU FINGS JOWEN
KPDY TOU FINGS JOWEN
KSFO TOU FINGS JOWEN
KLAX TOU FINGS JOWEN
NIPPI R220 NANAC
RMK/Ø).
07 APR 19:00 2024 UNTIL 08 APR 08:00 2024. CREATED: 07 APR 02:05 2024

(TDM TRK A 240407190001
2404071900 2404080800
DANNO ECEDO 26N170W 28N180E 30N170E 32N160E 34N150E MORAY
RTS/PHNL KEOLA SOK DANNO
MORAY OTR15 POVAL
RMK/TRK B NOT AVAILABLE).
07 APR 19:00 2024 UNTIL 08 APR 08:00 2024. CREATED: 07 APR 02:05 2024

(TDM TRK A 240406190001
2404061900 2404070800
PUPPI DOGIF 26N170W 29N180E 31N170E 32N160E 34N150E MORAY
RTS/PHNL KEOLA PUPPI
MORAY OTR15 POVAL
RMK/TRK B NOT AVAILABLE).
06 APR 19:00 2024 UNTIL 07 APR 08:00 2024. CREATED: 06 APR 02:47 2024

TCC304A RJGG-KMSP (07-Apr-2024) #1

EASTBOUND PACOTS TRACKS BETWEEN SOUTHEAST ASIA AND NORTH AMERICA,
TRACK 14.

FLEX ROUTE : LEPKI 39N160E 41N170E 42N180E 43N170W 45N160W
46N150W 45N140W 41N130W FATMO

RCTP/VHHH ROUTE : MOLKA M750 ANKIX Y891 IGMIS Y57 POROT Y809 AVBET
OTR11 LEPKI

NAR ROUTE : ACFT LDG KSFO--FATMO PAINT PIRAT OSI KSFO
ACFT LDG KLAX--FATMO PAINT PIRAT BURGL IRNMN KLAX

RMK : TRK 15 NOT AVAILABLE

ATM CENTER TEL:81-92-608-8870. 07 APR 07:00 2024 UNTIL 07
APR 21:00 2024. CREATED: 06 APR 18:41 2024

EASTBOUND PACOTS TRACKS BETWEEN JAPAN AND NORTH AMERICA,
TRACK 1.

FLEX ROUTE : KALNA 42N160E 44N170E 45N180E 47N170W 49N160W 50N150W
50N140W ORNAI

JAPAN ROUTE : ADNAP OTR5 KALNA

NAR ROUTE : ACFT LDG KSEA/KPDX--ORNAI TOU KSEA/KPDX

RMK : ACFT LDG CYVR--50N150W 51N140W NUDGE POWOL CYVR

ACFT LDG OTHER DEST--ORNAI UPR TO DEST

TRACK 2.

FLEX ROUTE : EMRON 41N160E 43N170E 44N180E 45N170W 47N160W 48N150W
47N140W 44N130W LATNE

JAPAN ROUTE : ADNAP OTR7 EMRON

NAR ROUTE : ACFT LDG KSFO--LATNE AMAKR BGGLO KSFO

ACFT LDG KLAX--LATNE OAK BURGL IRNMN KLAX

TRACK 3.

FLEX ROUTE : LEPKI 40N160E 42N170E 43N180E 44N170W 46N160W 47N150W
46N140W 42N130W VESPA

JAPAN ROUTE : AVBET OTR11 LEPKI

NAR ROUTE : ACFT LDG KLAX--VESPA ENI OAK BURGL IRNMN KLAX

ACFT LDG KSFO--VESPA AMAKR BGGLO KSFO

RMK : ATM CENTER TEL:81-92-608-8870. 07 APR 07:00 2024 UNTIL 07 APR
21:00 2024. CREATED: 06 APR 18:33 2024

EASTBOUND PACOTS TRACKS BETWEEN JAPAN AND HAWAII,
TRACK 11.

FLEX ROUTE : SEALS 35N150E 35N160E 33N170E 30N180E 26N170W CANON

JAPAN ROUTE : LAPIL OTR13 SEALS

PHNL ROUTE : CANON BOOKE PHNL

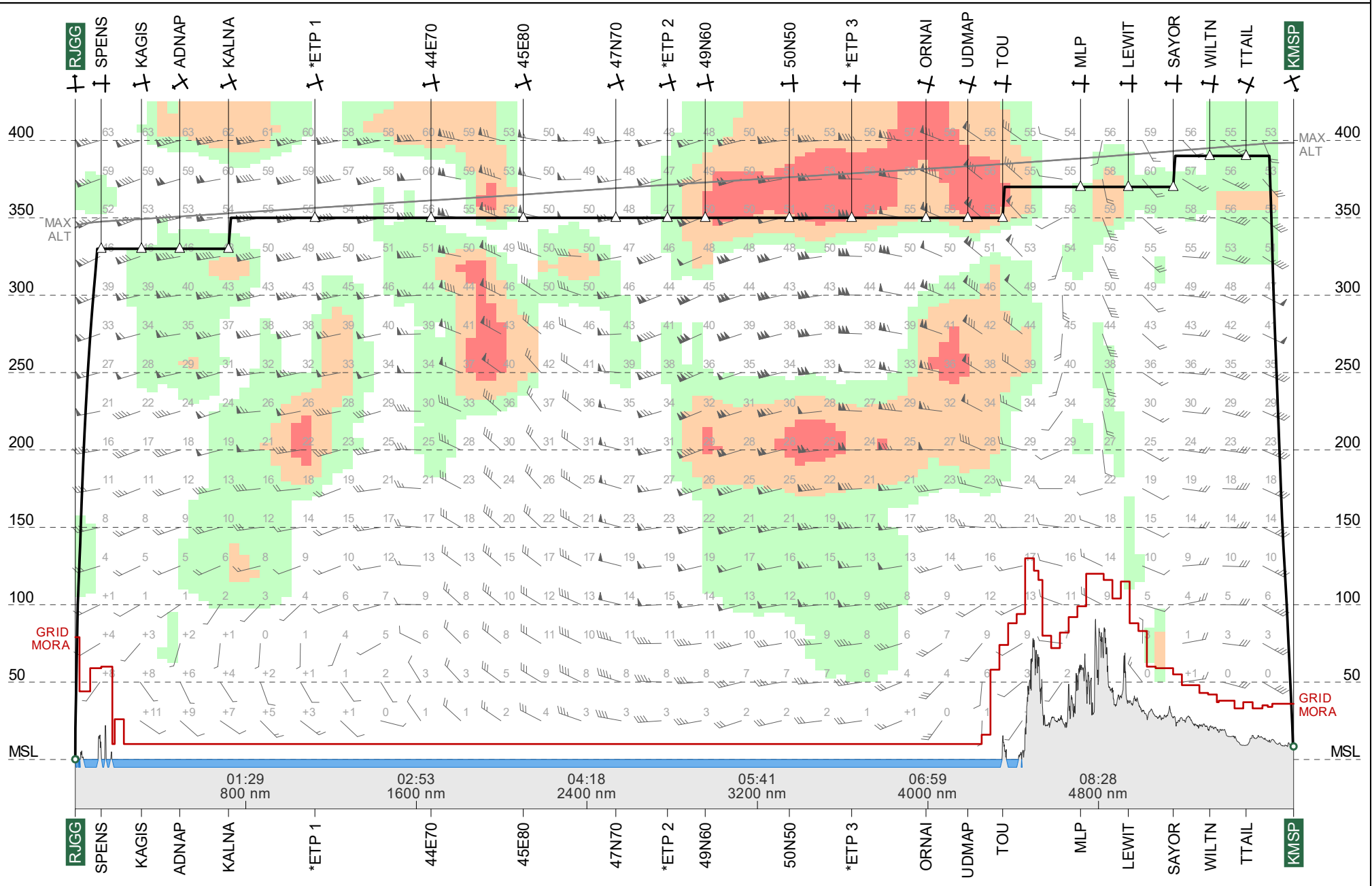
RMK : TRK 12 NOT AVAILABLE

ATM CENTER TEL:81-92-608-8870. 07 APR 10:00 2024 UNTIL 07 APR
21:00 2024. CREATED: 06 APR 18:35 2024

TR304A #1

RJGG → KMS

ETD 07 Apr 09:15z
PJTGC B77L



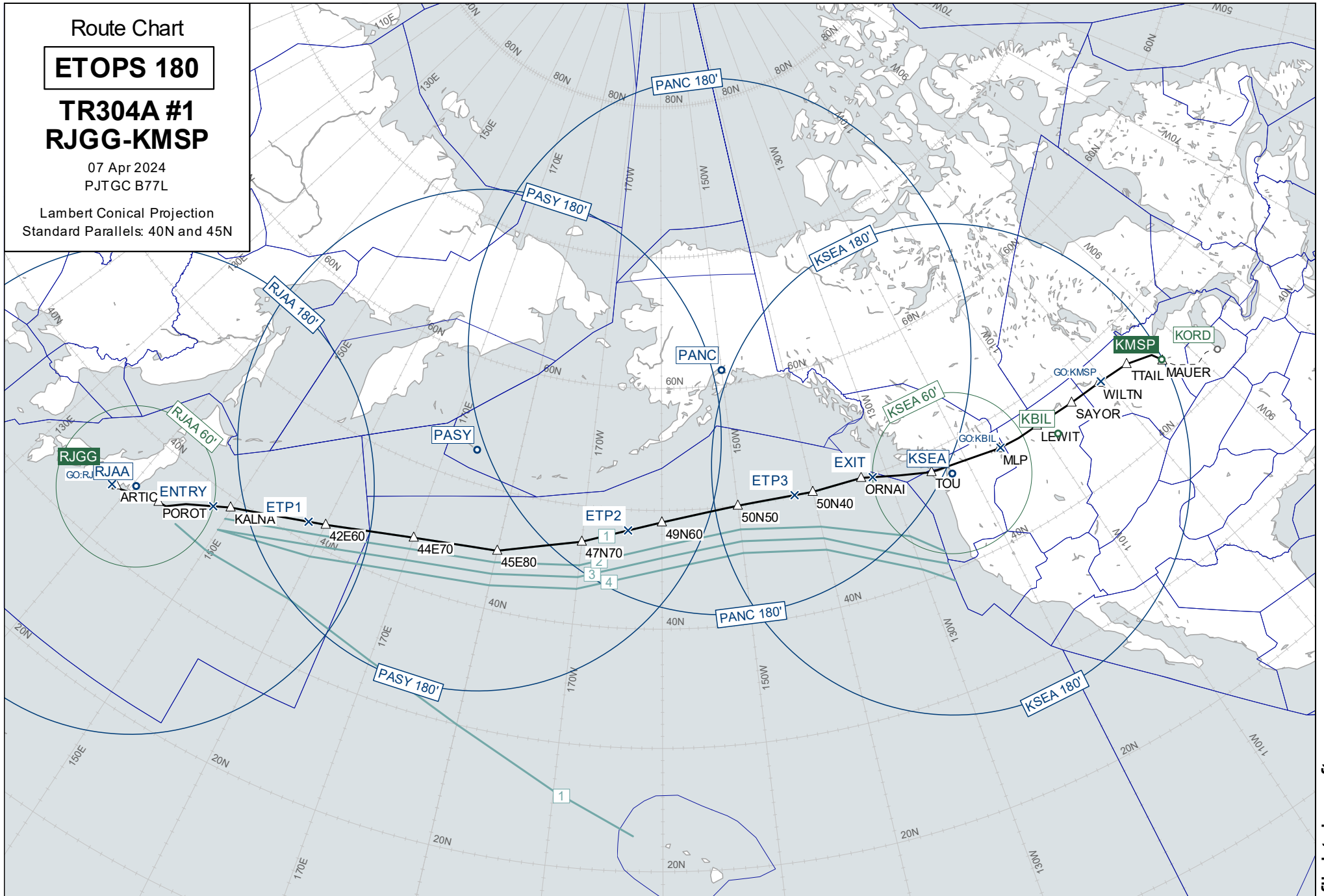
Route Chart

ETOPS 180

TR304A #1
RJGG-KMSP

07 Apr 2024
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 40N and 45N



Wind Chart

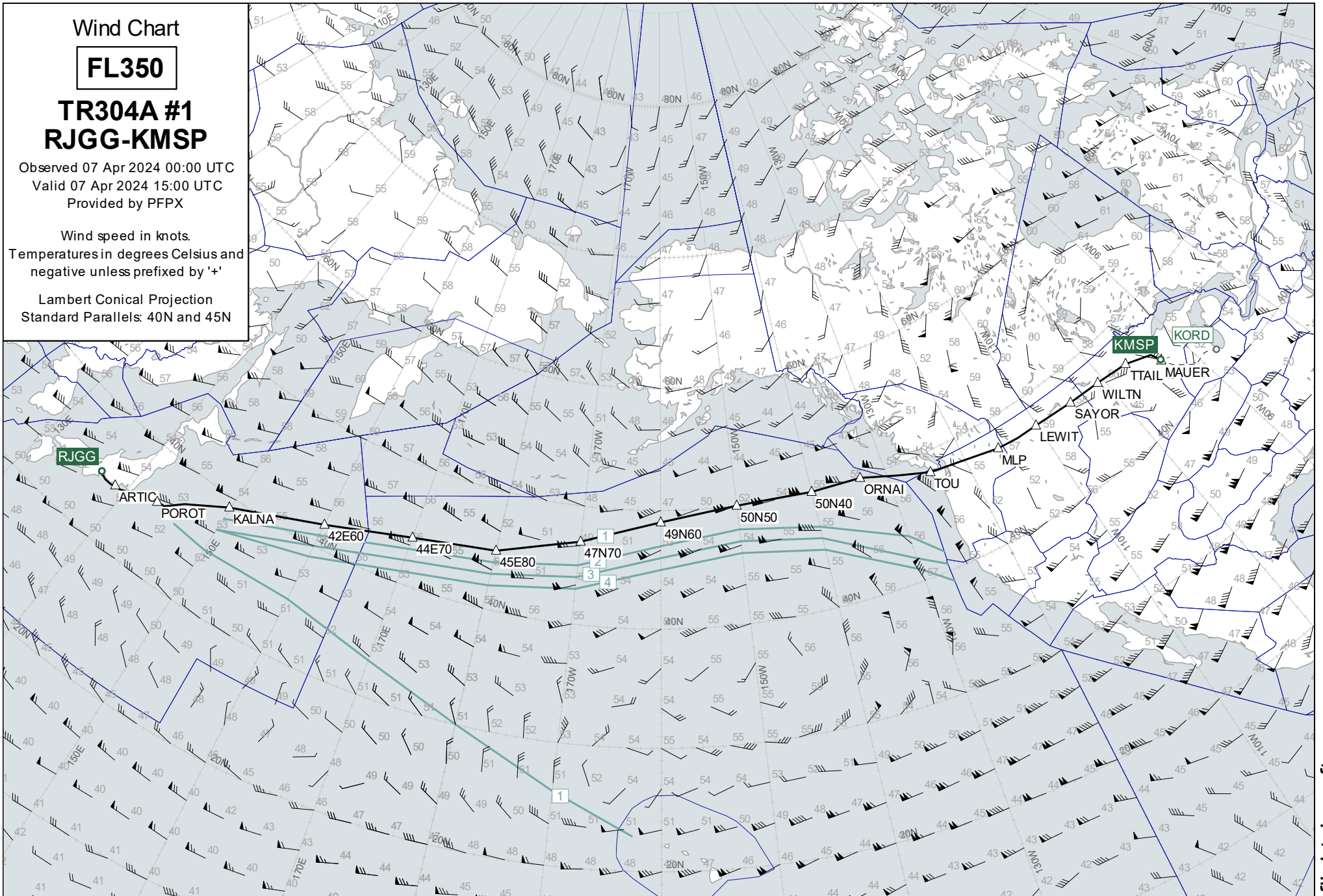
FL350

TR304A #1 RJGG-KMSP

Observed 07 Apr 2024 00:00 UTC
Valid 07 Apr 2024 15:00 UTC
Provided by PFPX

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 40N and 45N



Wind Chart

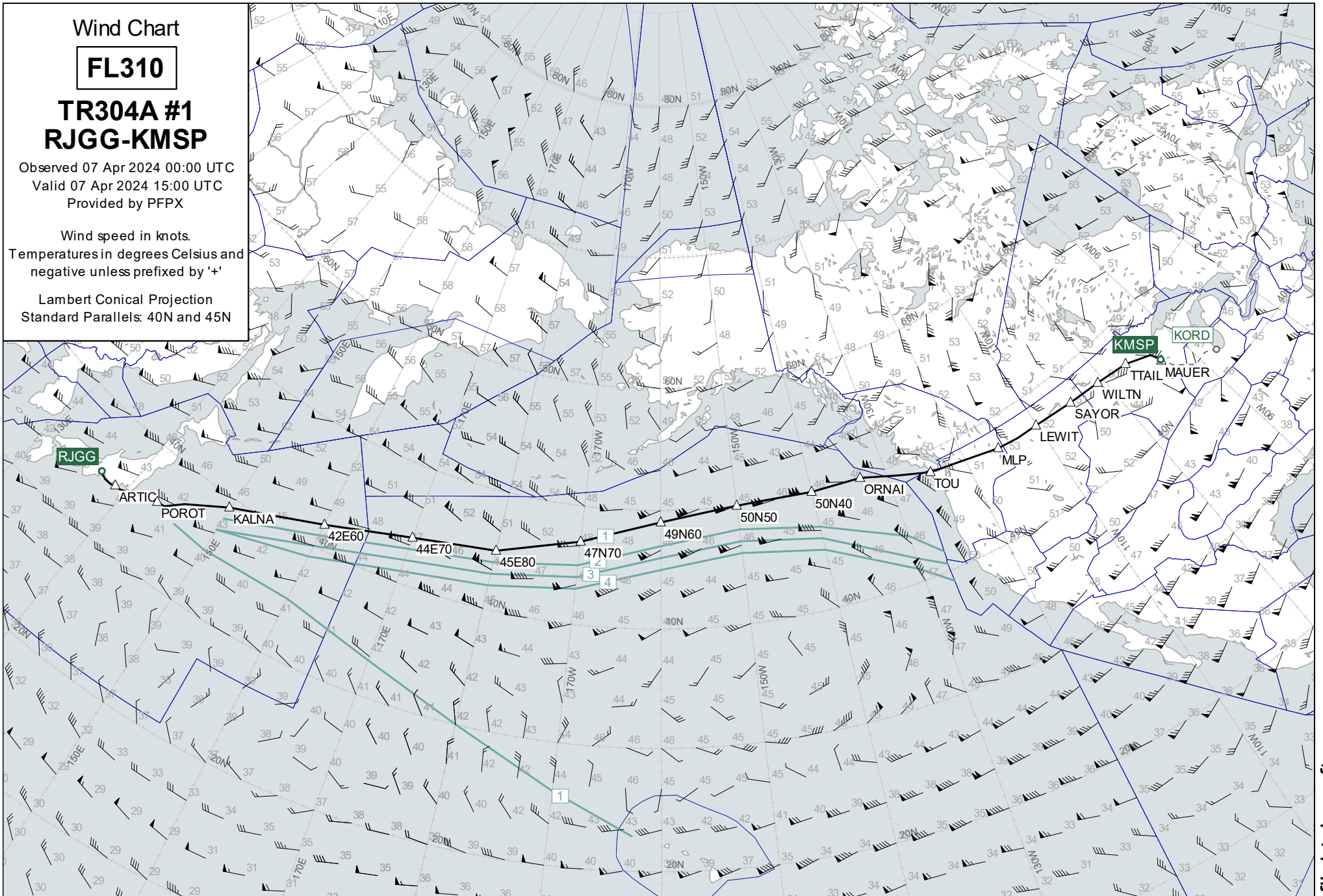
FL310

TR304A #1 RJGG-KMSP

Observed 07 Apr 2024 00:00 UTC
Valid 07 Apr 2024 15:00 UTC
Provided by PFPX

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 40N and 45N



Wind Chart

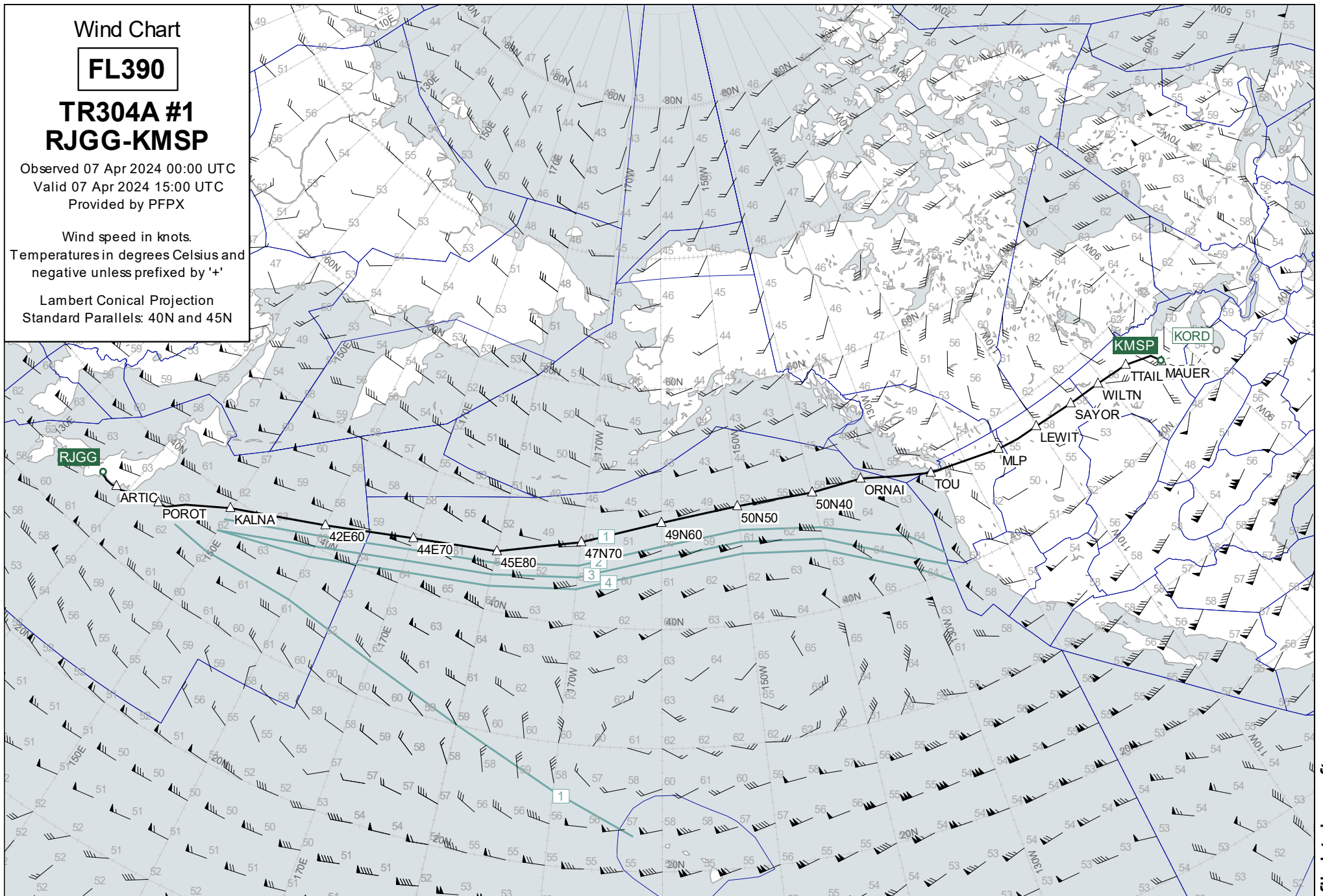
FL390

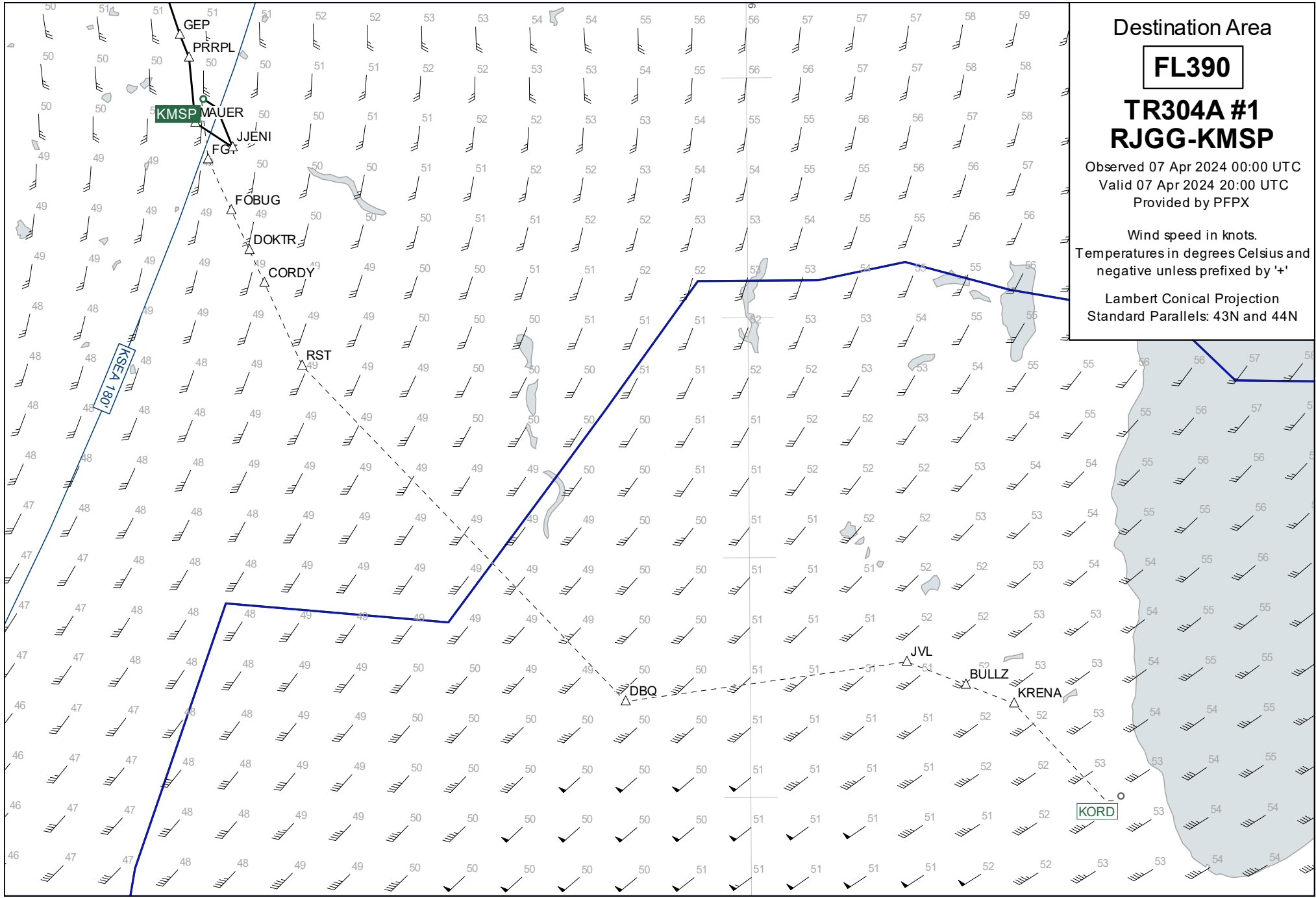
TR304A #1 RJGG-KMSP

Observed 07 Apr 2024 00:00 UTC
Valid 07 Apr 2024 15:00 UTC
Provided by PFPX

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 40N and 45N





Destination Area

FL390

TR304A #1
RJGG-KMSA

Observed 07 Apr 2024 00:00 UTC
Valid 07 Apr 2024 20:00 UTC
Provided by PFPX

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 43N and 44N

Plotting Chart

TR304A #1
RJGG-KMSP

07 Apr 2024
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 45N and 47N

