



**Tradewind VA**



**Flight Briefing Package**

**TCC909A KMSP-KSFO**

**08-Sep-2018 #1**

RELEASE #1

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

-

SAN FRANCISCO INTL  
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

08 SEP 1014 UTC

<b>Fuel Planning (kg)</b>	<b>EU-OPS</b>	<b>Fuel</b>	<b>Time</b>
TRIP		19.259	03:20
CONT 5%		963	00:11
HOLD	KSFO	1.690	00:20
ALTN	KOAK	1.009	00:08
FINAL RESV		2.536	00:30
ADD FUEL		422	00:05
MIN T/O		25.879	04:34
EXTRA		1.268	00:15
TAXI		832	00:16
RELEASE	KMSP	27.979	05:05
ARR FUEL	KSFO	7.680	01:25

<b>Load Planning (kg)</b>	<b>PJTGC</b>	<b>Plan</b>	<b>Limit</b>
Empty Weight		156.146	
Payload		0	
Zero Fuel Weight	Limit	156.146	209.106
Fuel		27.979	162.613
Ramp Weight		184.125	348.359
Take-Off Weight KMSP		183.293	293.736
Landing Weight KSFO		164.034	223.167
Underload		52.960	Lim ZFW
Max Extra Fuel		59.133	Lim LDW

<b>Cost Planning</b>		
Flight Time	03:20\$	18.998
Fuel	20.299\$	15.807
Total		\$ 34.805

**TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC909A PJTGC KMSP-KSFO**

ALL WEIGHTS IN KILOGRAMS (KG) STD 08SEP/1110Z

OPF 1 - PREPARED 08SEP/1014Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

**TR909A/TCC909A** PJTGC/B777-2LR GE SEL/SALH ROUTE: KMSPKSF002

DEP: KMSP/MSP 12R ELEV 842 FT COST INDEX: 250 TTL G/C DIST: 1378 NM  
 ARR: KSFO/SFO 28R ELEV 13 FT INIT ALT: FL400 TTL F/P DIST: 1419 NM  
TTL AIR DIST: 1549 NM  
AVG WIND CMP: HD039 KT  
 FUEL BIAS: 100.5%

ALT: KOAK/OAK 10R ELEV 9 FT 19 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156146	0	0	0	52960 ZFW	MAX 209106	293736	223167
						PLN 156146	183293	164034
						ACT .....	.....	.....

\*\* TAKE-OFF DATA KMSP 12R \*\*

COND: 183293 KG // RWY DRY // +14°C Q1026 080/05 // LMT: STRUCT  
 CONFIG: FLAPS 5 // D-TO2 +70C // A/I OFF/AUTO // A/C ON  
 SPEEDS: V1=120 VR=135 V2=135  
 ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	19259	.....	03:20	
CONT 5%	963	.....	00:11	
ALTN KOAK	1009	.....	00:08	
FINAL RESV	2536	.....	00:30	
HOLD	1690	.....	00:20	
ADD FUEL	422	.....	00:05	
MIN T/O	25879	.....	04:34	.....
EXTRA	1268	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	832	.....	00:16	
RELEASE	27979	.....	05:05	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	7680	.....	01:25	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 60401 KG LIM BY LDW  
 TRIP CORR FOR 5000 KG TOW INCR: +463 KG / 5000 KG TOW DECR: -442 KG  
 2000 FT LOWER: +483 KG / EET 03:18 CLB: 250/310/84 DES: 84/320/250

KMSP	STD 11:10Z/06:10L	ETD 11:10Z	ACT OFBL ....	EST T/O 11:26Z	ACT T/O ....
KSFO	STA 15:20Z/08:20L	ETA 14:50Z	ACT ONBL ....	EST LDG 14:46Z	ACT LDG ....
	SKD 04:10	PLN 03:40	TTL BLCK ....	EST FLT 03:20	TTL FLT ....

ATC ROUTE: N0493F400 SCHEP9 ONL J148 MTU/N0488F430 J148 OAL DCT INYOE DYAMD3

**ALTERNATE PLANNING**

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
KOAK/10R	19	5000	061	0	00:08	1009	-	SFO DCT OAK

MOST CRITICAL MORA 16600 FT AT MTU

AWY	WAYPOINT	MT	ALT	MSA	FREQ	TAS	LEG	FUEL REM / USED	LEG	ACC
-FIR	NAME		ISA	WND/SPD	GS	REM	POSITION	ETO / ATO		
	KMSP/12R		842	036				27.1 / 0.8		

			MINNEAPOLIS-ST PAUL		1419	N4453.0	W09314.0	...../.....
SCHEP9	HUGIR	235	*CLB 036 P08 317/016	22 1396		25.5 /	2.7 05	00.05 ...../.....
SCHEP9	MCONL	233	*CLB 036 P06 298/016	12 1384		25.0 /	3.2 01	00.06 ...../.....
SCHEP9	ARREX	233	*CLB 036 P04 291/017	16 1368		24.5 /	3.7 02	00.08 ...../.....
SCHEP9	SCHEP	233	*CLB 033 P03 271/024	18 1350		24.1 /	4.1 03	00.11 ...../.....
SCHEP9	*TOC	232	FL400 033 P02 272/027	493 8 474 1342		23.7 /	4.3 01	00.12 ...../.....
SCHEP9	OTG WORTHINGTON	232	FL400 040 P03 270/026	110.60 493 52 471 1291		23.1 /	4.9 06	00.18 ...../.....
SCHEP9	ONL ONEILL	241	FL400 046 P04 297/027	113.90 494 154 478 1137		21.2 /	6.7 20	00.38 ...../.....
SCHEP9 -KZDV	*BDRY	252	FL400 052 P04 304/030	494 29 476 1108		20.9 /	7.1 04	00.42 ...../.....
J148	HANKI	251	FL400 069 P04 318/061	495 167 467 941		18.9 /	9.0 21	01.03 ...../.....
J148	CYS CHEYENNE	246	FL400 094 P04 308/063	113.10 495 87 460 854		17.9 /	10.1 11	01.14 ...../.....
J148 -KZLC	*BDRY	249	FL400 166 P03 286/064	495 205 442 649		15.3 /	12.6 28	01.42 ...../.....
J148	MTU MYTON	244	*CLB 158 P02 282/064	112.70 47 602		14.7 /	13.2 06	01.48 ...../.....
J148	DTA DELTA	235	FL430 158 M03 273/052	116.10 487 121 440 481		13.2 /	14.8 17	02.05 ...../.....
J148	KROST	243	FL430 153 M04 266/053	487 181 435 300		11.0 /	17.0 24	02.29 ...../.....
J148 -KZOA	*BDRY	239	FL430 143 M05 264/053	486 53 434 247		10.4 /	17.6 08	02.37 ...../.....
J148	OAL COALDALE	238	FL430 143 M05 263/053	117.70 486 25 434 222		10.1 /	17.9 03	02.40 ...../.....
DCT	INYOE	250	FL430 165 M04 262/053	486 48 433 174		9.5 /	18.5 07	02.47 ...../.....
DYAMD3	*TOD	249	*DES 165 M04 261/054	71 104		8.6 /	19.3 10	02.57 ...../.....
DYAMD3	DYAMD	248	*DES 093 P02 260/064	8 95		8.6 /	19.4 01	02.58 ...../.....
DYAMD3	LAANE	248	*DES 093 P10 265/066	16 79		8.6 /	19.4 03	03.01 ...../.....
DYAMD3	ALWYS	248	*DES 093 P11 267/059	10 69		8.6 /	19.5 02	03.03 ...../.....
DYAMD3	FLOWZ	247	*DES 093	15		8.5 /	19.5 02	03.05

			P13 266/044	54	N3736.0 W12116.8	...../.....
DYAMD3	<b>CEDES</b>	248	*DES 066	17	8.4 / 19.7	04 03.09
			P14 257/026	37	N3733.0 W12137.4	...../.....
DYAMD3	<b>FRELY</b>	240	*DES 066	8	8.4 / 19.7	02 03.11
			P14 254/020	28	N3731.0 W12148.5	...../.....
DYAMD3	<b>ARCHI</b>	240	*DES 066	4	8.4 / 19.8	01 03.12
			P15 251/017	24	N3729.0 W12153.5	...../.....
DYAMD3	<b>KSFO/28R</b>	274	13 066	24	7.9 / 20.1	08 03.20
	SAN FRANCISCO INTL				N3737.0 W12221.4	...../.....

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WIND INFORMATION - OBS 08/SEP 06:00

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(CLIMB)                      HANKI                      CYS                      DTA  
FL390 272/027 -54 FL440 310/051 -58 FL440 294/046 -59 FL470 270/041 -64  
FL310 290/018 -42 FL420 314/056 -55 FL420 303/054 -56 FL450 272/048 -63  
FL230 306/015 -23 FL400 319/061 -52 FL400 309/063 -53 FL430 274/053 -60  
15000 327/011 -8 FL380 322/063 -50 FL380 313/069 -50 FL410 275/058 -56  
7000 137/008 +6 FL360 323/052 -47 FL360 316/062 -47 FL390 277/064 -53

KROST                      OAL                      (DESCENT)  
FL470 266/044 -65 FL470 263/045 -65 FL420 260/058 -59  
FL450 267/050 -64 FL450 264/051 -64 FL330 264/066 -40  
FL430 267/053 -61 FL430 264/053 -61 FL250 267/059 -23  
FL410 266/056 -57 FL410 263/056 -57 16000 258/034 -3  
FL390 265/059 -53 FL390 262/058 -53 8000 244/011 +14

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END FLIGHTPLAN 02502 TCC909A PJTGC KMSP-KSFO 08SEP2018

[ATC FLIGHTPLAN]

(FPL-TCC909A-IS  
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2  
-KMSP1110  
-N0493F400 SCHEP9 ONL J148 MTU/N0488F430 J148 OAL DCT INYOE  
DYAMD3  
-KSF00320 KOAK  
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/180908 REG/PJTGC  
EET/KZDV0042 KZLC0142 KZOA0237  
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CHARTER  
ORGN/TNCCTCAP PER/C  
RMK/TCAS  
-E/0449)

[PLANNING WEATHER]

**ORIGIN: KMSP/MSP (MINNEAPOLIS-ST PAUL INTL/WOLD-, UNITED STATES) UTC -05:00**

KMSP 080953Z 08005KT 10SM CLR 14/12 A3030 RMK A02 SLP259 T01440117  
KMSP 080820Z 0808/0912 09004KT P6SM SKC  
FM081500 10009G16KT P6SM SKC  
FM090100 11006KT P6SM SKC

**DESTINATION: KSFO/SFO (SAN FRANCISCO INTL, UNITED STATES) UTC -07:00**

KSFO 080956Z 30009KT 10SM CLR 13/11 A2998 RMK A02 SLP151 T01330111 \$  
KSFO 080900Z 0809/0912 29016KT P6SM SKC  
FM081100 28008KT P6SM SCT008  
FM081600 30010KT P6SM FEW009  
FM082000 28017G23KT P6SM FEW012  
FM090500 28015KT P6SM FEW011  
FM091100 28009KT P6SM BKN010

**ALTERNATE: KOAK/OAK (METRO OAKLAND INTL, UNITED STATES) UTC -07:00**

KOAK 080953Z 03003KT 10SM FEW010 13/12 A2998 RMK A02 SLP152 T01280117  
KOAK 080524Z 0806/0912 31006KT P6SM FEW010  
FM081300 VRB04KT P6SM SCT010  
FM081800 29013KT P6SM FEW012  
FM090400 29010KT P6SM FEW011  
FM091100 29010KT P6SM BKN011

**KPIR/PIR (PIERRE REGL, UNITED STATES) UTC -05:00**

KPIR 080953Z AUTO 14007KT 10SM CLR 14/13 A3015 RMK A02 SLP199 T01390128  
KPIR 080527Z 0806/0906 14010KT P6SM SKC  
FM081800 15020G30KT P6SM FEW250  
FM090000 15014KT P6SM SCT100

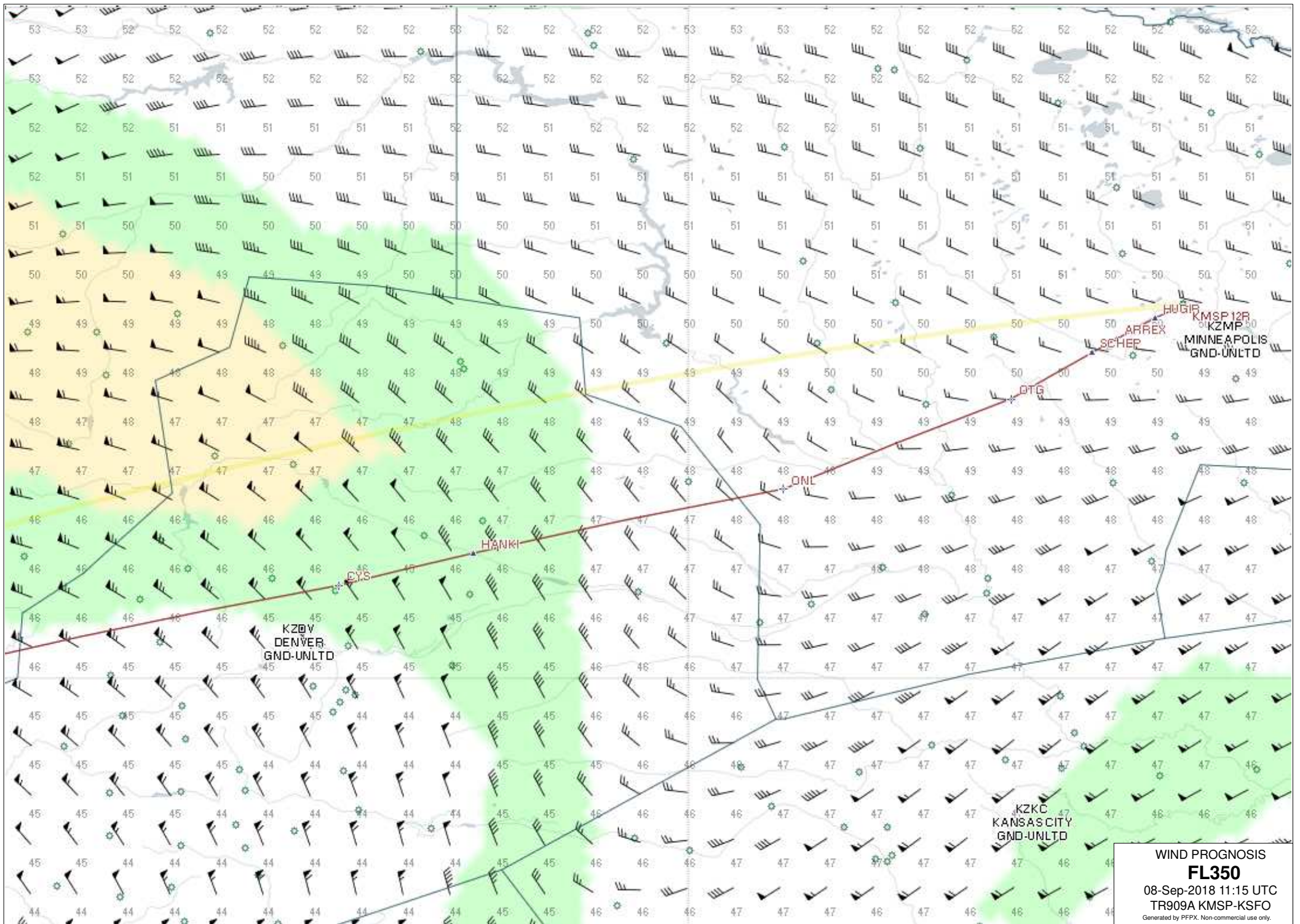
**KRWL/RWL (RAWLINS MUN/HARVEY, UNITED STATES) UTC -06:00**

KRWL 080953Z AUTO 32005KT 10SM CLR 06/M01 A3026 RMK A02 SLP169 T00611011  
KRWL 080527Z 0806/0906 05009KT P6SM FEW100  
FM081300 20005KT P6SM SKC  
FM081800 24015G25KT P6SM SKC

**KEKO/EKO (ELKO REGL, UNITED STATES) UTC -07:00**

KEKO 080956Z AUTO 00000KT 10SM CLR 13/00 A3011 RMK A02 SLP141 T01280000  
KEKO 080520Z 0806/0906 VRB06KT P6SM FEW200  
FM081900 26012G25KT P6SM SKC  
FM090200 28006KT P6SM SCT250





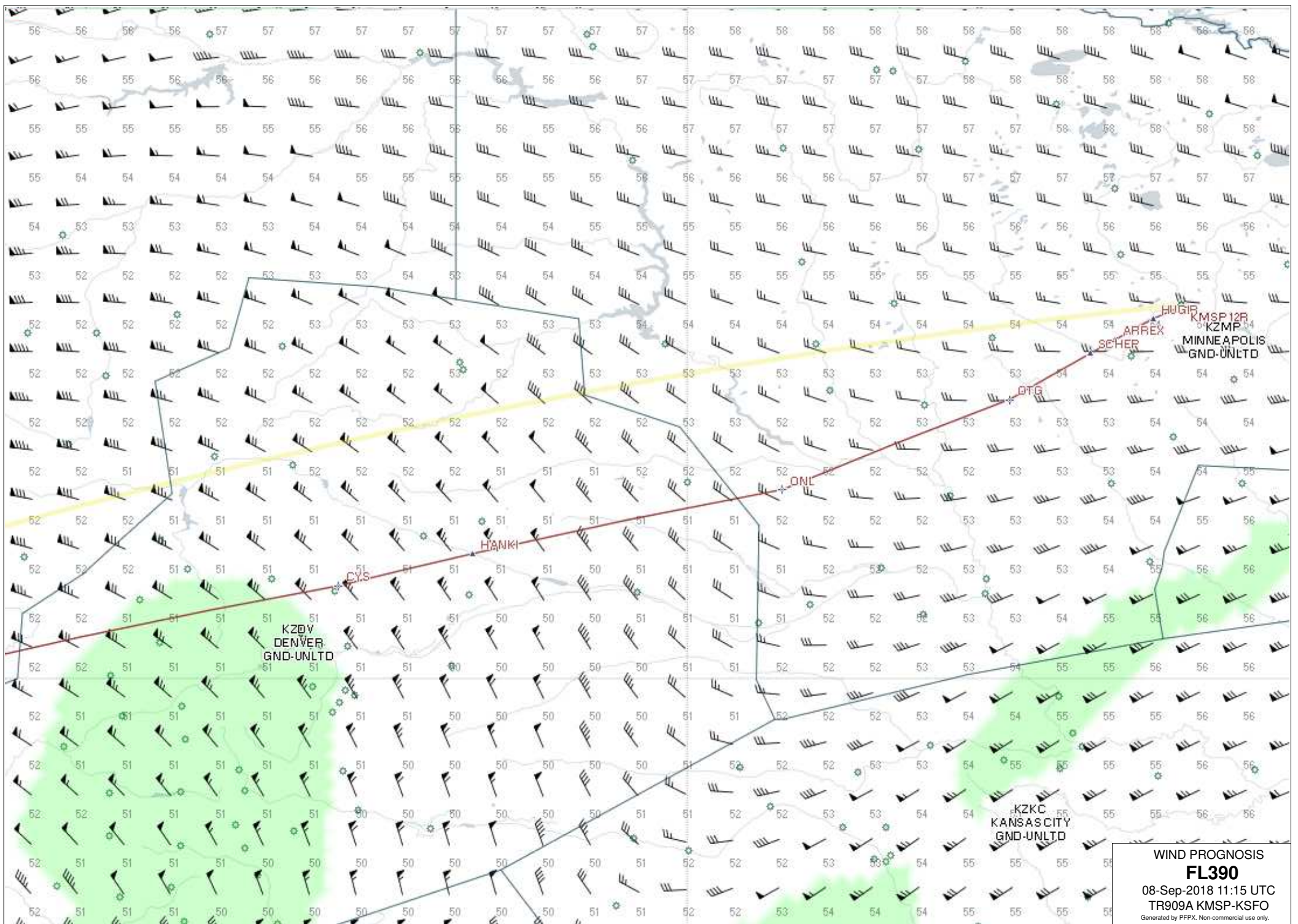
WIND PROGNOSIS

**FL350**

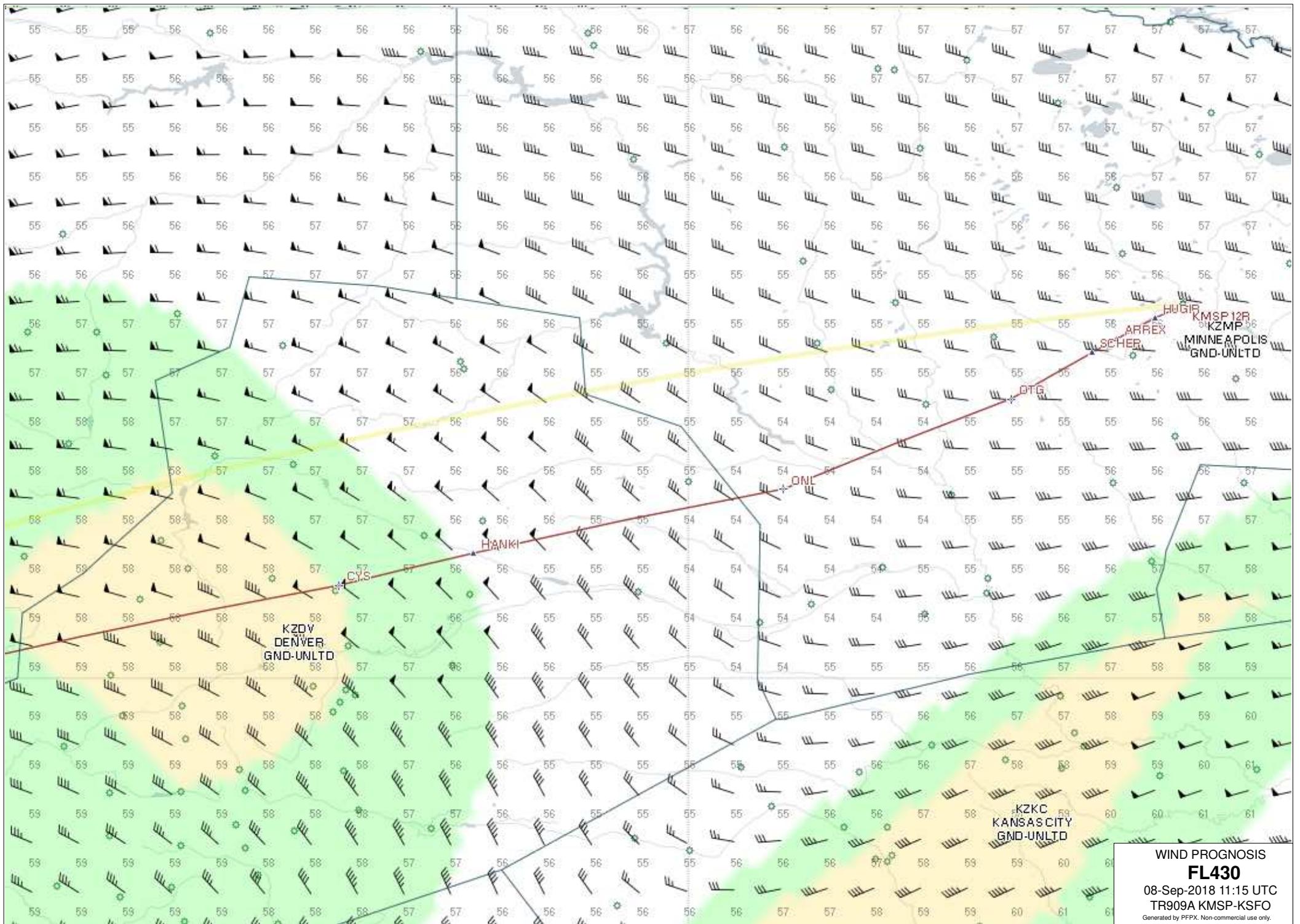
08-Sep-2018 11:15 UTC

TR909A KMSP-KSFO

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WIND PROGNOSIS  
**FL390**  
08-Sep-2018 11:15 UTC  
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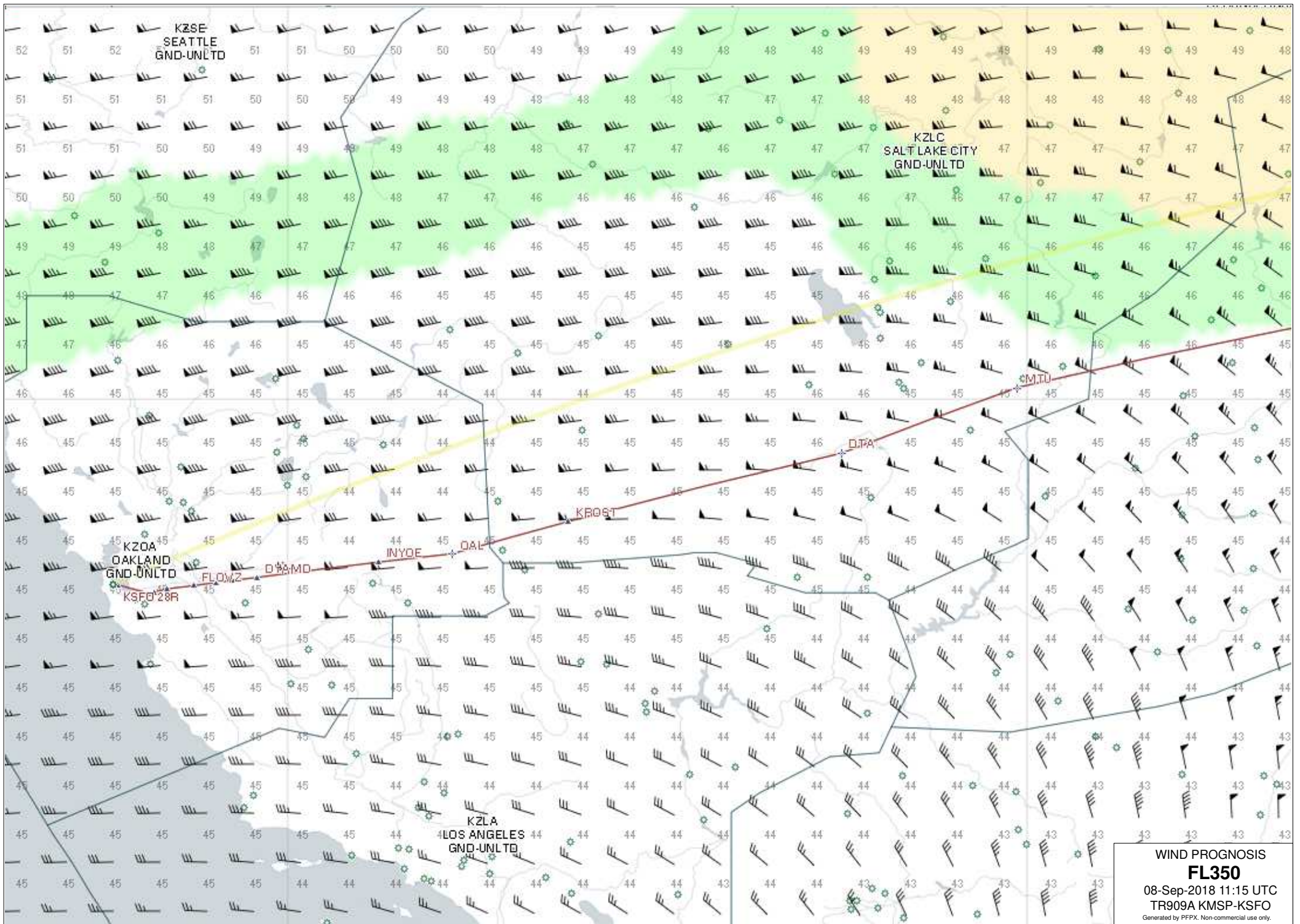
WIND PROGNOSIS

**FL430**

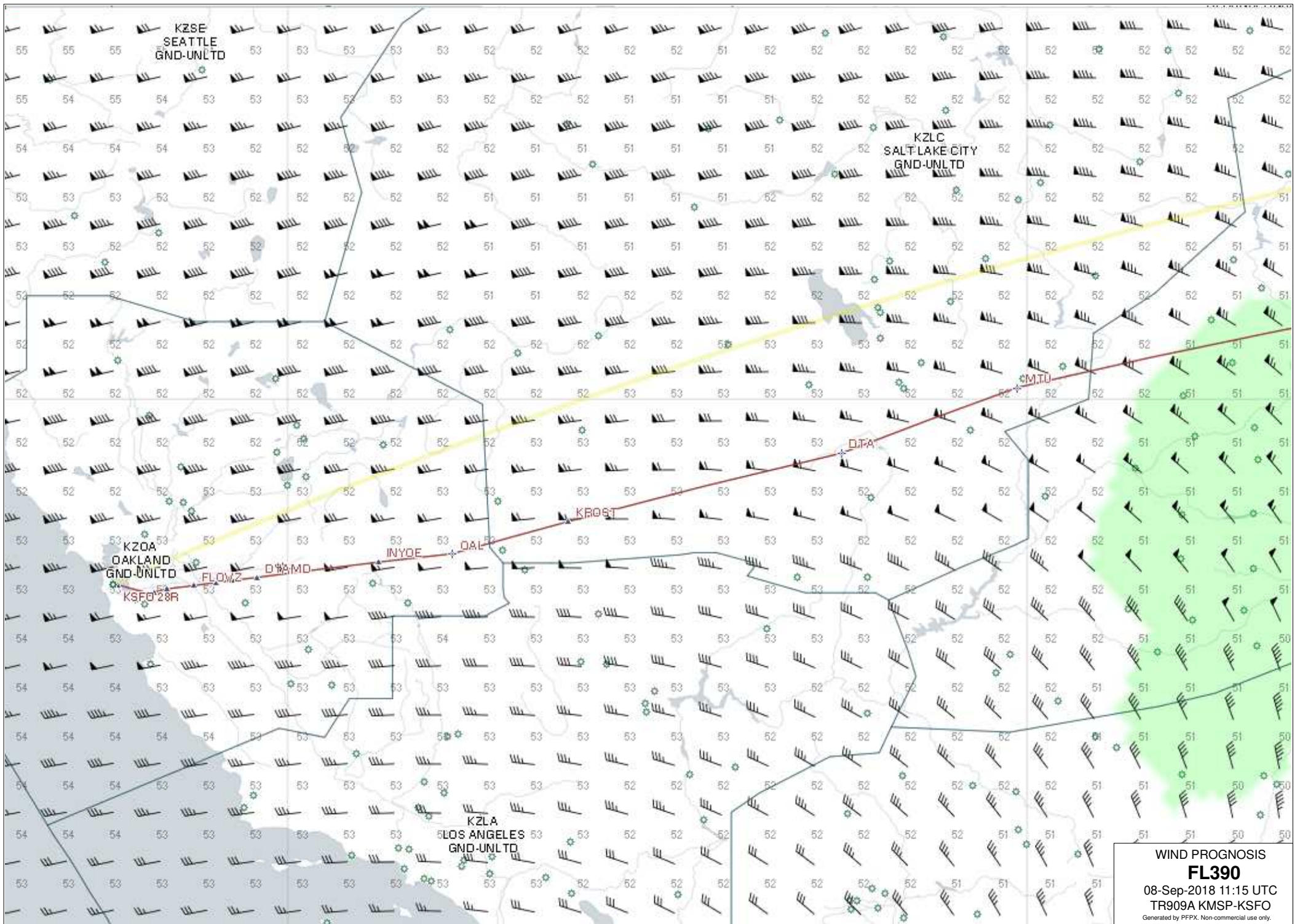
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TR909A KMSP-KSFO

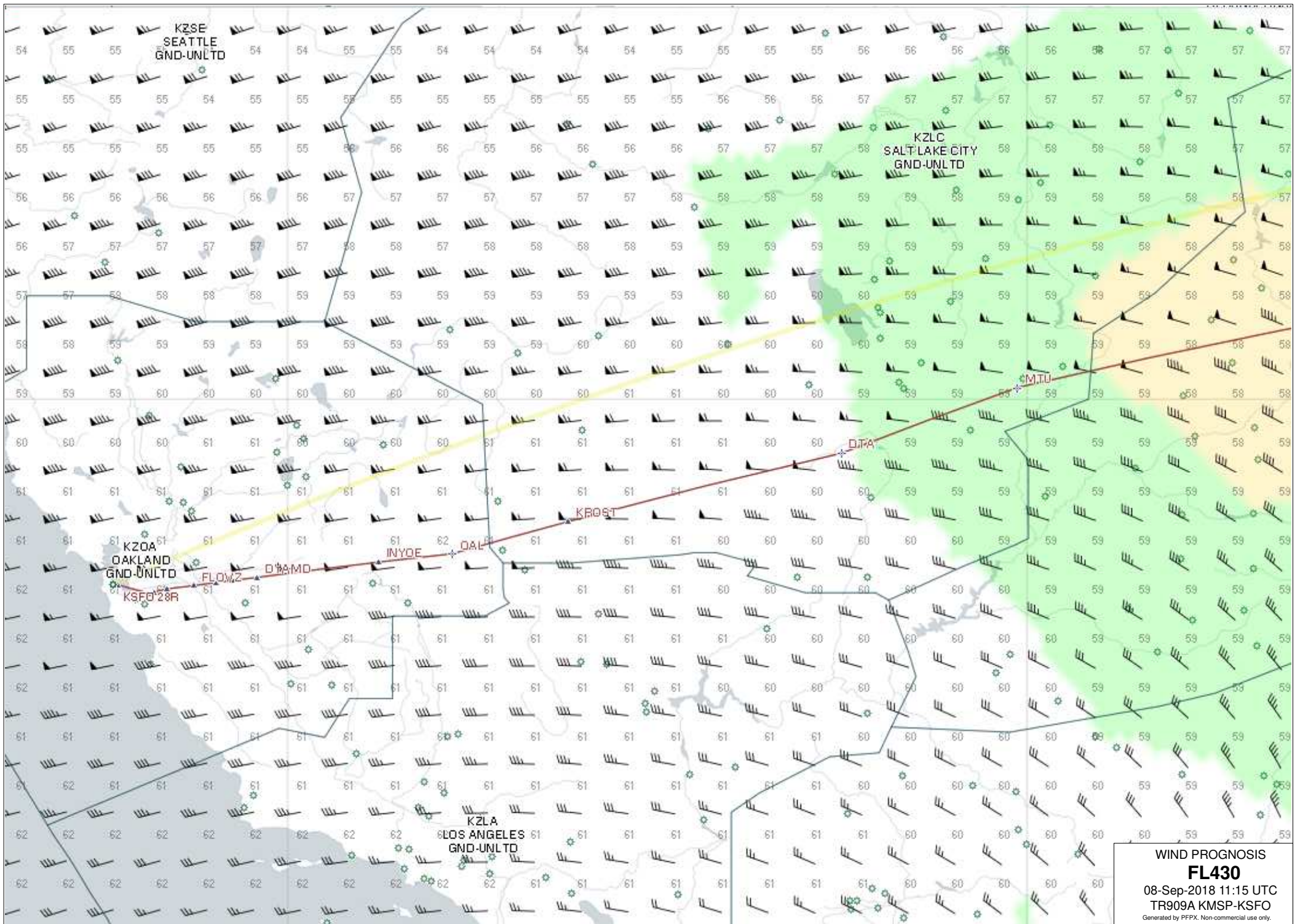
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WIND PROGNOSIS  
**FL350**  
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**FL390**  
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**FL430**  
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