



[OFF]

EXT0270 11DEC2022 PANC-PAFA MD1F N116SB RELEASE 1050 11DEC22
OFF 1 STEVENS ANCHORAGE IN-FAIRBANKS INTL
WX PROG 1109 1112 1115 OBS 1106 1106 1106

ATC C/S EXT270 PANC/ANC PAFA/FAI CRZ SYS CI 64
11DEC2022 N116SB 1120/1140 1225/1233 GND DIST 242
MD-11F / CF6-80C2D1F STA 1235 AIR DIST 227
CTOT:.... G/C DIST 226

MAXIMUM TOW 630500 LAW 491500 ZFW 461300
ESTIMATED TOW 291165 LAW 281473 ZFW 268007
AVG WIND 264/091
AVG W/C P019
AVG ISA M002
AVG FF LB/HR 12823
FUEL BIAS P00.0
TKOF ALTN

ALTN PAEI
FL STEPS PANC/0300/

DISP RMKS NIL

PLANNED FUEL

FUEL ARPT FUEL TIME

TRIP FAI 9692 0045
CONT 15 MIN 3206 0015
ALTN EIL 3573 0024
FINRES 6687 0045

MINIMUM T/OFF FUEL 23158 0210

EXTRA 0 0000

T/OFF FUEL 23158 0210
TAXI ANC 2000 0020

BLOCK FUEL ANC 25158
PIC EXTRA
TOTAL FUEL
REASON FOR PIC EXTRA

FMC INFO:
FINRES+ALTN 10260
TRIP+TAXI 11692

NO TANKERING RECOMMENDED (P)

I HEREWITH CONFIRM THAT I HAVE PERFORMED A THOROUGH SELF BRIEFING
ABOUT THE DESTINATION AND ALTERNATE AIRPORTS OF THIS FLIGHT
INCLUDING THE APPLICABLE INSTRUMENT APPROACH PROCEDURES, AIRPORT
FACILITIES, NOTAMS AND ALL OTHER RELEVANT PARTICULAR INFORMATION.

DISPATCHER: CHRISTINE CONNER

PIC NAME: BLUE, DAVID

TEL: +1 800 555 0199

PIC SIGNATURE:



ALTERNATE ROUTE TO:					FINRES			6687
APT	TRK	DST	VIA		FL	WC	TIME	FUEL
PAEI/32	114	58	DCT	SKIMO DCT	070	M006	0024	3573

MEL/CDL ITEMS DESCRIPTION

ROUTING:

ROUTE ID: DEF RTE
PANC/33 DCT CARDD DCT TKA DCT CAWIN DCT LIBER DCT GLOWS DCT CILAX
DCT CACHE DCT PAFA/02L

DEPARTURE ATC CLEARANCE:

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OPERATIONAL IMPACTS

WEIGHT CHANGE	UP	1.0	TRIP	P	0015	LBS	TIME	M	0000
WEIGHT CHANGE	DN	1.0	TRIP	M	0017	LBS	TIME	P	0000
FL CHANGE	UP	FL1	TRIP	M	0153	LBS	TIME	M	0000
FL CHANGE	DN	FL1	TRIP	P	0262	LBS	TIME	M	0000
FL CHANGE	DN	FL2	TRIP	P	0466	LBS	TIME	P	0001
SPD CHANGE	CI	0	TRIP	M	0056	LBS	TIME	P	0003
SPD CHANGE	CI	200	TRIP	P	0319	LBS	TIME	M	0001

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ATIS:.
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RVSM: ALT SYS LEFT:

STBY:

RIGHT:

-----TIMES

	ESTIMATED	SKED	ACTUAL
OUT	1120Z/0220L	1120Z/0220LZ
OFF	1140Z/0240L	1140Z/0240L	.....Z
ON	1225Z/0325L	1227Z/0327L	.....Z
IN	1233Z/0333L	1235Z/0335L	.....Z
BLOCK TIME	0113	0115	.....

-----WEIGHTS

	EST	MAX	ACTUAL	
PAX	21		.....
CARGO	2.2		.....
PAYLOAD	5.8		.....
ZFW	268.0	461.3	.....
FUEL	25.2	235.2	.....	POSS EXTRA 210.0
TOW	291.2	501.2	LDG.....	
STAB TRIM			.....
LAW	281.5	491.5	.....

-----TERRAIN CLEARANCE CHECK

DD CHECK - TERRAIN CLEARANCE CHECK DISABLED

DP CHECK - TERRAIN CLEARANCE CHECK DISABLED



FLIGHT LOG

MOST CRITICAL MORA 08700 FEET AT CAWIN//MXSHR 07 AT TOD

AWY POSITION IDENT FREQ	LAT LONG	EET TTLT	ETO ATO	FL MORA DIS	IMT ITT RDIS	MN TAS GS	WIND COMP SHR	OAT TDV TRP	EFOB AFOB	PBRN ABRN
STEVENS ANC	N6110.4		...	23	329				23.2	2.0
PANC	W14959.9	0000	...		344		P005			
					242	424			....	....
DCT				158	345	.67	245/043	M19	20.3	4.9
CARDD	N6122.7	0003	...	24	000		P005	M02		
CARDD	W15006.9	0003	...	13	229	424		374	....	....
DCT				300	344	.82	263/116	M44	18.3	6.9
T O C	N6149.7	0004	...	33	000	484	P000	P01		
	W15006.6	0007	...	27	202	484	3	369	....	....
DCT				300	011	.75	263/116	M44	17.5	7.7
TALKEETNA	N6217.9	0003	...	85	026	445	M001	P01		
TKA	W15006.3	0010	...	28	174	444	3	369	....	....
116.20										
DCT				300	359	.75	267/128	M44	15.9	9.3
CAWIN	N6316.9	0008	...	87	015	444	P048	P01		
CAWIN	W14859.3	0018	...	66	108	492	6	369	....	....
DCT				300	358	.75	268/130	M45	15.1	10.1
T O D	N6346.7	0004	...	87	015	443	P020	P00		
	W14840.8	0022	...	31	77	463	7	348	....	....
DCT				224	000	.77	264/058	M34	14.8	10.3
LIBER	N6403.0	0005	...	63	015		P018	M04		
LIBER	W14830.5	0027	...	17	60	485		348	....	....
DCT				116	345	.62	262/016	M18	14.4	10.7
GLOWS	N6426.3	0006	...	29	001		P006	M10		
GLOWS	W14815.3	0033	...	24	36	392		346	....	....
DCT				072	021	.43	188/010	M14	14.3	10.9
CILAX	N6436.2	0002	...	35	037		P010	M15		
CILAX	W14814.9	0035	...	10	26	281		338	....	....
DCT				029	023	.39	131/014	M11	14.1	11.1
CACHE	N6444.3	0003	...	35	039		P001	M20		
CACHE	W14800.2	0038	...	10	16	252		338
DCT									13.5	11.7
FAIRBANKS I	N6448.9	0007	...							
PAFA	W14751.4	0045	...	16				

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WIND INFORMATION

CLIMB			T O C			TKA			CAWIN		
350	263/124	-55	340	262/127	-53	340	262/126	-53	340	269/133	-53
310	263/119	-46	320	263/121	-48	320	262/121	-48	320	268/131	-49
200	258/055	-26	300	263/116	-44	300	263/115	-44	300	267/128	-44
150	241/040	-18	280	264/110	-39	280	264/110	-39	280	266/108	-40
100	203/020	-14	260	264/099	-35	260	264/099	-35	260	265/089	-37

T O D			DESCENT		
340	267/139	-54	350	267/130	-55
320	267/135	-49	310	267/135	-47
300	268/131	-45	200	262/034	-31
280	269/109	-42	150	254/026	-25
260	270/090	-39	100	241/011	-16



[ATC Flight Plan]

ICAO FLIGHT PLAN

FF PAZAZQZX
111050 CYULSBFP
(FPL-EXT270-IS
-MD11/H-SDE1E2E3FGHIJ2J3J4J5M1RWXY/LB1D1
-PANC1120
-N0445F300 DCT CARDD DCT TKA DCT CAWIN DCT LIBER DCT GLOWS DCT CILAX
DCT CACHE DCT
-PAFA0035 PAEI
-PBN/A1B1C1D1L1O1S2 DOF/221211 REG/N116SB OPR/EXT PER/D RMK/TCAS)



[Additional Info]

D I S P A T C H B R I E F I N G I N F O EXT0270 PANC/PAFA



[Airport WX List]

PANC --> PAFA EXT 270 / 11DEC2022
LIDO/WEATHER SERVICE DATE : 11Dec2022 TIME : 10:50 UTC

AIRMETs:

No Wx data available

SIGMETs:

No Wx data available

Tropical Cyclone SIGMETs:

No Wx data available

Volcanic Ash SIGMETs:

No Wx data available

Departure:

PANC/ANC STEVENS ANCHORAGE INTL

SA 110953 03008KT 9SM FEW005 BKN050 OVC090 M11/M14 A2988 RMK AO2
SLP122 T11061144
FT 110616 1106/1212 VRB05KT P6SM VCFG SCT005 BKN080 BKN160
TEMPO 1106/1109 BKN006
FM111000 36006KT 6SM -SN SCT025 OVC050
FM111200 36005KT 3SM -SN BR SCT020 OVC035
FM111400 35005KT P6SM VCSH OVC050
FM112000 34005KT 2SM -SN BR OVC030
FM120000 35008KT 1/2SM SN FZFG OVC010

Destination:

PAFA/FAI FAIRBANKS INTL

SA 110953 00000KT 10SM FEW130 SCT170 M24/M26 A2983 RMK AO2
SLP116 T12391261 \$
FT 110534 1106/1212 VRB03KT P6SM FEW120 SCT170
FM111800 VRB03KT P6SM BKN050 BKN100
FM120400 04004KT 5SM -SN BR SCT025 OVC040
FM120800 04004KT 1SM -SN BR BKN015 OVC025

Destination Alternates:

PAEI/EIL EIELSON AFB

SA 110955 00000KT 10SM CLR M21/M24 A2979 RMK AO2A SLP109
T12111236
FT 110600 1106/1212 VRB03KT 9999 SCT120 QNH2968INS
BECMG 1118/1119 VRB06KT 9999 SCT100 BKN120 QNH2957INS
BECMG 1201/1202 VRB06KT 4800 -SN SCT007 BKN015 OVC025
620159
QNH2934INS TXM10/1206Z TNM23/1116Z

AIRPORTLIST ENDED



[NOTAM]

LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION
VALID: 2212111120 - 2212111558 STD(EOBT)+TRIP+ALTN+3HRS
EXT 270 /11DEC OFP-NR: 1
ROUTE: PANC - PAFA ALTN: PAEI
N0445F300 DCT CARDD DCT TKA DCT CAWIN DCT LIBER DCT GLOWS DCT CILAX
DCT CACHE DCT

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DEPARTURE AIRPORT - DETAILED INFO

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PANC/ANC STEVENS ANCHORAGE INTL

+++++ AIRPORT +++++

A6356/22

ANC **AD** AP ALL SFC **WIP** SN REMOVAL

A6355/22

ANC APRON ALL FICON PATCHY COMPACTED SN AND PATCHY 1/2IN DRY SN
OBS AT 2212110939.

A6353/22

ANC **TWY** ALL FICON PATCHY COMPACTED SN AND 1/8IN DRY SN OBS AT
2212110938.

12/299

AD AP ALL SIGNS OBSC

12/297

TWY Y HLDG PSN SIGN FOR **RWY 07L/25R** OBSC

12/298

TWY R HLDG PSN SIGN FOR **RWY 07L/25R** OBSC

12/296

TWY G HLDG PSN SIGN FOR **RWY 07L/25R** OBSC

12/295

TWY E HLDG PSN SIGN FOR **RWY 07L/25R** OBSC

12/137

TWY E HLDG PSN SIGN SOUTH SIDE FOR **RWY 07R/25L** LGT
U/S

A0738/22

PAPA APN SPOT P1, PAPA APN SPOT P2, PAPA APN SPOT P3
CAUFN JET BLAST HAZARD USE MINIMUM THRUST REQUIRED EXITING THESE
SPOTS

+++++ RUNWAY +++++

A6354/22

ANC **RWY 33** FICON 5/5/5 100 PCT WET OBS AT 2212110936.

A6351/22

ANC **RWY 07L** FICON 5/5/5 100 PCT WET OBS AT 2212110936.

A6352/22

ANC **RWY 07R** FICON 5/5/5 100 PCT WET OBS AT 2212110936.

+++++ APPROACH PROCEDURES +++++

A1329/22

ILS OR LOC RWY 7L, AMDT 4...

ILS RWY 07L (SA **CAT I - II**), AMDT 4...

DISREGARD BLOCK ALTITUDE 1600-3000 AT WUGSI/I-TGN 12 **DME**.

MINIMUM ALTITUDE AT WUGSI/I-TGN 12 **DME**: 1600.



+++++ STAR +++++

A4454/22

TAGER EIGHT ARRIVAL...

GAL TRANSITION. GAL TO AKMAX REVISED R119 TO R124 DUE TO
MAGVAR CHANGE.

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DESTINATION AIRPORT - DETAILED INFO

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PAFA/FAI FAIRBANKS INTL

+++++ AIRPORT +++++

A9495/22

FAI APRON HVY CARGO RAMP FICON PATCHY ICE AND 1/4IN DRY SN OVER
COMPACTED SN SWEPT 40FT WID BA MEDIUM OBS AT 2212110936.

A9493/22

FAI APRON SOUTH TERMINAL RAMP FICON PATCHY ICE AND 1/2IN DRY SN
OVER COMPACTED SN 5FT SN PILES OBS AT 2212110935.

A9492/22

FAI APRON EAST RAMP FICON 1/2IN DRY SN OVER COMPACTED SN OBS AT
2212110935.

A9494/22

FAI APRON NORTH TERMINAL RAMP FICON PATCHY ICE AND 1/2IN DRY SN
OVER COMPACTED SN OBS AT 2212110934.

A9491/22

FAI **TWY D** FICON 1/4IN DRY SN OVER COMPACTED SN OBS AT 2212110934.

A9490/22

FAI **TWY T** FICON 1/2IN DRY SN OVER COMPACTED SN OBS AT 2212110933.

A9489/22

FAI **TWY W, V, U** FICON 3IN DRY SN OVER COMPACTED SN OBS AT
2212110933.

A9486/22

FAI **TWY Q, R, S** FICON 1/8IN DRY SN OVER PATCHY COMPACTED SN AND
PATCHY ICE OBS AT 2212110932.

A9487/22

FAI **TWY C** FICON 1/4IN DRY SN OVER COMPACTED SN OBS AT 2212110932.

A9488/22

FAI **TWY B** BTN **RWY 02L/20R** AND **TWY C** FICON 1/8IN DRY SN OVER PATCHY
COMPACTED SN AND PATCHY ICE SANDED 40FT WID OBS AT 2212110931.

A9484/22

FAI **TWY A** FICON PATCHY 1/8IN DRY SN OVER PATCHY ICE AND PATCHY
COMPACTED SN SANDED 40FT WID BA MEDIUM OBS AT 2212110931.

A9483/22

FAI **TWY M, H, N, TWY B** BTN **RWY 02L/20R** AND **TWY A** FICON PATCHY ICE
AND PATCHY 1/8IN DRY SN SANDED 35FT WID OBS AT 2212110931.

A9485/22

FAI **TWY F, P, G** FICON PATCHY ICE AND 1/4IN DRY SN OVER COMPACTED
SN OBS AT 2212110931.

01/424

TWY R DIRECTIONAL SIGN C MISSING **RWY 20L/02R**

+++++ RUNWAY +++++

A9482/22

FAI **RWY 02** SKI STRIP FICON 100 PCT 3IN DRY SN OVER COMPACTED SN
OBS AT 2212110930.

**A9481/22**

FAI **RWY 02R** FICON 5/5/5 30 PCT 1/8IN DRY SN AND 10 PCT 1/8IN DRY SN OVER ICE SANDED 30FT WID OBS AT 2212110930.

A9480/22

FAI **RWY 02L** FICON 5/5/5 30 PCT 1/8IN DRY SN AND 10 PCT 1/8IN DRY SN OVER ICE OBS AT 2212110930.

11/238

RWY 02/20 SKI STRIP **CLSD** EXC SKI

A3948/22

RWY 02W/20W WATERLANE **CLSD**

+++++ SID +++++

A5683/22

FAI SID FAIRBANKS INTL, FAIRBANKS, AK.
MCKINLEY THREE DEPARTURE...
PUYVO FOUR DEPARTURE (RNAV)...
DEPARTURE PROCEDURE NOTE: RADAR REQUIRED.

A4079/22

GALENA SEVEN DEPARTURE...
DEPARTURE ROUTE DESCRIPTION: ...INTERCEPT FAI R-242 TO ENN R-255, THEN ON ENN R-255 AND GAL R-077 TO GAL **VOR/DME**, THEN CONTINUE CLIMB ON ASSIGNED ROUTE AND ALTITUDE.
ALL OTHER DATA REMAINS AS PUBLISHED. GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

+++++ APPROACH PROCEDURES +++++

A6037/22

FAI IAP FAIRBANKS INTL, FAIRBANKS, AK.
ILS OR **LOC RWY 2L**, AMDT 10C...
ILS Z OR **LOC Z RWY 20R**, AMDT 25C...
RNAV (GPS) **RWY 20L**, AMDT 2...
RNAV (GPS) **RWY 2R**, AMDT 1B...
RNAV (GPS) **RWY 20R**, AMDT 1D...
RNAV (GPS) **RWY 2L**, AMDT 1C...
VOR OR **TACAN RWY 20R**, ORIG-B...
CIRCLING TO GRAVEL **RWY 2** NA AT NIGHT. TEMPORARY RIG 453 MSL 244FT S OF GRAVEL **RWY 2** (2022-AAL-254-NRA).

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DESTINATION ALTERNATE AIRPORT(S)

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PAEI/EIL **EIELSON AFB**

NIL



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EXTENDED AREA AROUND DEPARTURE

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PAZA ANCHORAGE FIR/UIR

+++++ FIR/UIR +++++

A1000/22

ZAN AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 151NM RADIUS OF 583337N1635341W. AP AIRSPACE AFFECTED MAY
INCLUDE EHM, GGV, IIK, PTU, TOG.
F) 1000FT G) UNL

A0984/22

ZAN AK..ROUTE ZAN.
Q18 GALENA (GAL) **VOR/DME**, AK R-343 TO BARROW (BRW) **VOR/DME**, AK
R-170 NA.

A0981/22

ZAN AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 62NM RADIUS OF 672121N1642829W. AIRSPACE AFFECTED MAY INCLUDE
OTZ, KVL, WTK.
F) SFC G) 2000FT

12/161

COM ANNETTE REMOTE COM A/G 118.5 **U/S**

A0970/22

R220 FLT PLANNING REQUIREMENTS:
THE FOLLOWING FLT PLANNING RESTRICTIONS ARE APPLICABLE FOR ACFT
WHICH ARE ROUTED THRU THE
ANCHORAGE ARTCC NOPAC ROUTE STRUCTURE: ACFT ON R220 SHOULD HAVE
RCP240, RSP180 AND
RNP4 EQUIPAGE IN ORDER TO OPR FM FL340 TO FL400. ACFT NOT EQUIPPED
MAY BE
CONTACTED POST FLIGHT DURING THE TESTING COMPLIANCE PHASE FM
DECEMBER 2, 2021 THRU FEBRUARY 23, 2023.
REFER QUESTIONS CONCERNING THIS NOTAM TO ANCHORAGE
ARTCC INTL PROCEDURES AT 907-269-1134.
F) FL340 G) FL400

A0969/22

ARCTIC CTA/FIR IS SUBJECT TO THE FOLLOWING MANDATORY REQUIREMENTS:
A. COMMUNICATIONS. 1. ALL FLTS, WITH THE EXCEPTION OF THOSE
ENTERING THE FIR EB OVER PILUN OR LISKI, MUST MAKE MANDATORY
POSITION REPORTS UPON ENTERING THE CTA/FIR VIA CPDLC OR GANDER HF
VOICE. PILUN AND LISKI TFC REPORT VIA VHF AS DIRECTED OR VIA
CPDLC. 2. ALL FLTS MUST MAINTAIN A LISTENING WATCH ON THE CURRENT
GANDER HF RADIO FREQUENCY WHILE TRANSITING THE CTA/FIR UNLESS A
SATISFACTORY SELCAL CHECK HAS BEEN COMPLETED WITH GANDER RADIO. B.
ROUTING. 1. FLTS ENTERING OR EXITING ANCHORAGE ARTCC FIR N OF 73N
MUST FILE OVER A NAMED FIR BOUNDARY POINT 2. PILUN / W OR EB FLTS
FILE A POINT OVER OR S OF 7230N14100W AND EB FLTS MUST ALSO FILE A
POINT OVER OR N OF 7200N15700W. 3. LISKI / W OR EB FLIGHTS MUST
FILE OVER OR S OF TAYTA AND EB FLTS MUST ALSO FILE OVER OR S OF
7100N15700W). QUESTIONS CONCERNING THESE REQUIREMENTS MAY BE
REFERRED TO ZAN TFC MANAGEMENT AT 907-269-1108.
F) FL180 G) FL600

**A0966/22**

ZAN AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 195NM RADIUS OF 651337N1720223W. AP AIRSPACE AFFECTED MAY
INCLUDE SVA, GAM. 7000FT-17000FT.

A0962/22

ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 200NM RADIUS OF 661634N1464811W. AP AIRSPACE AFFECTED MAY
INCLUDE
GKN, FAI, CXF, VEE, FYU, 6K8, BIG, ENN.
F) 3000FT G) UNL

A0958/22

REFERENCE: OCEANIC POSITION REPORTS WI ANCHORAGE OCEANIC AND
DOMESTIC FIR.
THE FOLLOWING POSITION REPORT REQUIRMENTS ARE IN EFFECT FOR FLT
OPERATIONS IN THE ANCHORAGE OCEANIC AND DOMESTIC FLIGHT
INFORMATION REGIONS (FIRS) WEST OF 165 DEGREES WEST LONGITUDE AND
SOUTH OF
63 DEGREES NORTH LATITUDE:
1. ALL WAYPOINTS FILED IN FIELD 15 OF THE ICAO FLT PLAN (ROUTE
FIELD) MUST BE REPORTED AS A POSITION REPORT.
2. POSITION REPORTS ARE TO BE MADE VIA ADS, CONTROLLER/PILOT DATA
LINK COMMUNICATIONS, OR VOICE COMMUNICATION IN THAT ORDER OF
PREFERENCE.
3. ACFT WITH AN **ACTIVE** ADS CONNECTION MUST MAKE A CONTROLLER/PILOT
DATA LINK COMMUNICATIONS POSITION REPORT WHEN CROSSING THE FIR
BOUNDARY INBOUND TO ENSURE CONTROLLER/PILOT DATA LINK
COMMUNICATIONS CONNECTIVITY.
REFER QUESTIONS TO ANCHORAGE ARTCC INTL PROCEDURES AT
907-269-1108. F) FL180 G) UNL

A0959/22

REFERENCE: CRUISING MACH SPEED CHANGES.
IN ORDER TO SUPPORT COST INDEX OR ECON SPEEDS AND MAINTAIN ATC
SEPARATION SPACING, AIRCREWS ARE REQUIRED TO USE THE FOLLOWING
PROCEDURES IN THE ANCHORAGE OCEANIC FIR: AIRCREWS MUST INFORM ATS
VIA VOICE OR CPDLC EACH TIME THE CRUISING MACH NUMBER VARIES OR IS
EXPECTED TO VARY BY A VALUE EQUAL TO OR GREATER THAN 0.02 MACH FM:
(1) THE MACH NUMBER AT FIR ENTRY;
OR
(2) ANY SUBSEQUENT SPEED CHANGE NOTIFIED TO ATC IN FLT.
REFER QUESTIONS CONCERNING THIS NOTAM TO ANCHORAGE ARTCC INTL
PROCEDURES AT (907)269-1801 DURING NORMAL BUSINESS HOURS OR OTHER
TIMES TO ANCHORAGE ARTCC TMU AT (907)269-1108.
F) FL180 G) UNL

A0957/22

REFERENCE ADS-B ITP. ANCHORAGE ARTCC OCEANIC AUTOMATION NOW
SUPPORTS THE ICAO RECOGNIZED AUTOMATIC DEPENDENT SURVEILLANCE -
BROADCAST IN-TRAIL-PROCEDURE (ADS-B ITP) FOR PILOT REQUESTED LEVEL
CHANGES. FLIGHT CREWS OF APPROPRIATELY EQUIPPED AIRCRAFT MAY MAKE
ADS-B ITP LEVEL CHANGE REQUESTS WITHIN THE ANCHORAGE OCEANIC FIR
AND THAT PORTION OF THE ANCHORAGE CONTINENTAL FIR WEST OF 165W AND
SOUTH OF 63N. REFER QUESTIONS TO ANCHORAGE ARTCC INTL PROCEDURES
AT 907-269-1108.
F) FL180 G) FL600

**A0956/22**

REFERENCE: NON-RNP10 ACFT AND NOPAC ROUTE SYSTEM.
ACCOMMODATION OF NON-RNP10 ACFT ON THE NOPAC ROUTE SYSTEM WI
THE PAZA FIR IS SUBJECT TO THE FOLLOWING REQUIREMENTS:
1.ACFT NOT APPROVED FOR RNP10 OPS ARE RESTRICTED TO
FLT PLANNING ONE OF THE FOLLOWING NOPAC ROUTINGS:
A. WESTBOUND ON R580 AT ALL TIMES;
B. EASTBOUND ON A590 AT ALL TIMES; AND
C. EASTBOUND ON G344 WHEN **AVAILABLE** FOR EASTBOUND FLT.
THE ALTS **AVAILABLE** ON THE ABOVE ROUTE ARE AT OR BELOW FL280
AND AT OR ABOVE FL430. ATC MAY REROUTE NONRNP 10 ACFT TO OTHER
THAN THE ABOVE ROUTES DUE TO TFC
F) FL180 G) FL600

A0955/22

REFERENCE CPDLC:
ANCHORAGE ARTCC IS EQUIPPED FOR CONTROLLER/PILOT DATA LINK
COMMUNICATIONS (CPDLC). ANCHORAGE ARTCC AUTOMATION USES TWO
DIFFERENT CPDLC LOGON ADDRESSES. WHEN PERFORMING MANUAL LOGONS,
SELECT THE CORRECT LOGON ADDRESS BASED UPON CURRENT ACFT LOCATION
AS FOLLOWS:
USE LOGON ADDRESS "PAZN" WHEN OPERATING IN THE ANCHORAGE OCEANIC
FLIGHT INFORMATION REGION (FIR) AND WHEN IN THAT PORTION OF THE
ANCHORAGE ARCTIC FIR ABOVE 73N LATITDUE (OVER OR NORTH OF
WAYPOINTS BIITE AND BARIP) AND IN THAT PORTION OF THE ANCHORAGE
CONTINENTAL FIR WEST OF A LINE FROM 57N152W TO 58N167W TO 63N174W.
USE LOGON ADDRESS "PAZA" WHEN OPERATING IN THE ANCHORAGE ARCTIC
FIR SOUTH OF 73N (OVER OR SOUTH OF WAYPOINTS PILUN AND TAYTA) AND
IN THE ANCHORAGE CONTINENTAL FIR EAST OF A LINE DRAWN FROM 57N152W
TO 58N167W TO 63N174W.
END PART 1 OF 2
A0955/22 NOTAMR A1096/21
Q) PAZA/QCAXX////000/999/
A) PAZA PART 2 OF 2
B) 2212021641
C) 2312310001
E) ACFT DEP ALASKAN AIRPORTS ARE REQUESTED TO LOGON AFTER
DEPARTURE BUT BEFORE CLIMBING ABOVE FL180. USE OF CPDLC DOES NOT
RELEASE FLT CREWS FM HF OR VHF MONITORING/COMMUNICATION
REQUIREMENTS. ACFT WI VHF COVERAGE MAY MAKE POSITION REPORTS VIA
CPDLC COMMUNICATIONS. REQUESTS TO ATC SHOULD BE MADE OVER VHF IF
WI VHF COVERAGE. AFTER LOGON, ARTCC AUTOMATION WILL PROVIDE
AUTOMATIC FANS ADDRESS FORWARDING BTN PAZA/PAZN AND TO RJJJ, GDXB,
CZVR, CZEG, AND KZAK. REFER QUESTIONS TO ANCHORAGE ARTCC INTL
PROCEDURES AT 907-269-1108. F) SFC G) UNL
END PART 2 OF 2

A0954/22

REFERENCE ADS-C SEPARATION.
ANCHORAGE ARTCC APPLIES AUTOMATIC DEPENDENT SURVEILLANCE -
CONTRACT (ADS-C) 30 NAUTICAL MILE LONGITUDINAL, 30 NAUTICAL
LATERAL, DISTANCE BASED SEPARATION BTN RNP4 EQUIPPED ACFT WI THE
FOLLOWING CONTROL AREAS:
1) ANCHORAGE OCEANIC CTA/FIR.
2) THAT PORTION OF THE NORTON SOUND OFFSHORE HIGH CONTROL AREA
SOUTH OF 63 DEGREES NORTH LATITUDE AND WEST OF 165 DEGREES WEST
LONGITUDE. 3) THAT PORTION OF CONTROL 1234H WEST OF 165 DEGREES
WEST LONGITUDE.
THE SEPARATION STANDARD IS APPLIED BTN FANS1/A RNP4 EQUIPPED ACFT
ONLY. QUESTIONS CONCERNING THE STANDARD, THE APPLICATION, OR
FANS1/A MAY BE DIRECTED TO ANCHORAGE ARTCC INTL PROCEDURES AT
907-269-1801.
F) FL280 G) FL600



12/006

COM MURPHY DOME REMOTE COM A/G 285.4 U/S

A0946/22

VOLCANIC ACTIVITY ADVISORY FOR ALAID VOLCANO / 505200N 1553400E / NORTHERN KURILE ISLANDS, RUSSIA. ALAID VOLCANO HAS BEEN IN AN **ACTIVE** STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON AIRCRAFT OPERATIONS IS DESCRIBED IN CURRENT SIGNIFICANT METEOROLOGICAL INFORMATION (SIGMET), CENTER WEATHER ADVISORY (CWA), OR PILOT REPORT (PIREP) INFORMATION. AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. AIRCRAFT OPERATORS SHOULD CONTINUALLY EVALUATE OPERATIONS IN THE SIGMET AREA. AVIATION COLOR CODE ORANGE IS IN EFFECT. FLIGHT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SURFACES. ANY AIR CARRIERS THAT OBSERVE OR EXPERIENCE ANY DIFFICULTIES RESULTING FROM AN ENCOUNTER WITH VOLCANIC ASH, PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.5 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS). CONTACT ANCHORAGE

END PART 1 OF 2

ARTCC, 907-269-1103, FOR ADDITIONAL INFORMATION.

F) SFC G) FL260

END PART 2 OF 2

11/419

COM CAPE NEWENHAM REMOTE COM A/G 273.6 U/S

A0899/22

ZAN AIRSPACE ADS-B, AUTO DEPENDENT SURVEILLANCE REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED AS 97NM RADIUS OF 621746N1632746W. AP AIRSPACE AFFECTED MAY INCLUDE ANV, ENM, KSM, MDM, MOU, RSH, SCM, 2A9.

F) 1000FT G) 7000FT



2/7666

PART 1 OF 3 AK..AIRSPACE CLEAR, AK..TEMPORARY
FLIGHT RESTRICTIONS.

NOVEMBER 8 , 2022-MARCH 11 2023 LOCAL. PURSUANT TO 49 USC
40103(B)(3), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES
THE AIRSPACE DEFINED IN THIS NOTAM AS 'NTL DEFENSE AIRSPACE'.
PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROC MAY BE INTERCEPTED,
DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL.
ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST
A PILOT WHO DOES NOT COMPLY WITH THE RQMNTS OR ANY SPECIAL
INSTRUCTIONS OR PROC ANNOUNCED IN THIS NOTAM:

A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING
CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN
CERTIFICATES; OR

B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES,
INCLUDING CHARGES UNDER 49 USC SECTION 46307; OR

C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE
AIRBORNE ACFT, IF IT IS DETERMINED THAT THE ACFT POSES AN IMMINENT
SECURITY THREAT.

PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL ACFT
FLT OPS ARE PROHIBITED: WI AN AREA DEFINED AS 642015N1491313W
(ENN173015.7) THEN CLOCKWISE ON A 3 NM ARC CENTERED ON
2211081000-2303111200

END PART 1 OF 3

PART 2 OF 3 AK..AIRSPACE CLEAR, AK..TEMPORARY

FLIGHT 641720N1491125W (ENN169018.4) TO 641851N1490521W
(ENN160016.6) TO 641720N1491125W (ENN169018.4) TO THE POINT OF
ORIGIN 1000FT MSL-1599FT MSL
EFFECTIVE 2211081000 UTC (0100 LOCAL 11/08/22) UNTIL 2303111200
UTC (0300 LOCAL 03/11/23) TUE, THU, SAT 1000-1200 (0100-0300
LOCAL).

WI AN AREA DEFINED AS 642354N1491527W (ENN182012.5) THEN CLOCKWISE
ON A 4 NM ARC CENTERED ON 642022N1491125W (ENN170015.4) TO
641930N1490240W (ENN156016) TO 641720N1491125W (ENN169018.4) TO
THE POINT OF ORIGIN 1600FT MSL-2099FT MSL
EFFECTIVE 2211081000 UTC (0100 LOCAL 11/08/22) UNTIL 2303111200
UTC (0300 LOCAL 03/11/23) TUE, THU, SAT 1000-1200 (0100-0300
LOCAL).

WI AN AREA DEFINED AS 642207N1490307W (ENN157013.3) THEN CLOCKWISE
ON A 4 NM ARC CENTERED ON 642022N1491125W (ENN170015.4) TO
641930N1490240W (ENN156016) TO 641923N1490308W (ENN157016.1) TO
641956N1490245W (ENN156015.5) TO 642049N1490344W (ENN158014.6) TO
642124N1490356W (ENN158014) TO THE POINT OF ORIGIN 2100FT
MSL-3200FT MSL

EFFECTIVE 2211081000 UTC (0100 LOCAL 11/08/22) UNTIL 2303111200
UTC 2211081000-2303111200

END PART 2 OF 3

PART 3 OF 3 AK..AIRSPACE CLEAR, AK..TEMPORARY

FLIGHT (0300 LOCAL 03/11/23) TUE, THU, SAT 1000-1200 (0100-0300
LOCAL).

EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED
BY ATC:

1. THESE RESTRICTIONS EXCLUDE THAT PORTION OF
AIRSPACE WHOLLY CONTAINED IN R-2206A WHEN **ACTIVE**.
2. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
BE ON A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC
CONTROL (ATC) FACILITY.
3. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE AT
ALL TIMES WHILE IN THE TFR.
4. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.
5. ANCHORAGE ARTCC, TELEPHONE 907-269-1103, IS THE



FAA COORDINATION FACILITY.
2211081000-2303111200
END PART 3 OF 3



A0867/22

ZAN AK..AIRSPACE CLEAR, AK..TEMPORARY FLIGHT RESTRICTIONS.
NOVEMBER 5 , 2022-MARCH 22 2023 LOCAL. PURSUANT TO 49 USC
40103(B)(3), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES
THE AIRSPACE DEFINED IN THIS NOTAM AS 'NTL DEFENSE AIRSPACE'.
PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROC MAY BE INTERCEPTED,
DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL.
ANY OF THE FOLLOWING ADDITIONAL ACTIONS MAY ALSO BE TAKEN AGAINST
A PILOT WHO DOES NOT COMPLY WITH THE RQMNTS OR ANY SPECIAL
INSTRUCTIONS OR PROC ANNOUNCED IN THIS NOTAM:

A) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING
CIVIL PENALTIES AND THE SUSPENSION OR REVOCATION OF AIRMEN
CERTIFICATES; OR

B) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES,
INCLUDING CHARGES UNDER 49 USC SECTION 46307; OR

C) THE UNITED STATES GOVERNMENT MAY USE DEADLY FORCE AGAINST THE
AIRBORNE ACFT, IF IT IS DETERMINED THAT THE ACFT POSES AN IMMINENT
SECURITY THREAT.

PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS, ALL ACFT
FLT OPS ARE PROHIBITED: WI AN AREA DEFINED AS 642013N1491312W
(ENN173015.7) TO 641720N1491125W (ENN169018.4) TO 641431N1491343W
END PART 1 OF 4

(ENN170021.3) THEN CLOCKWISE ON A 3NM ARC CENTERED ON
641720N1491125W (ENN169018.4) TO THE POINT OF ORIGIN 1000FT
MSL-1599FT MSL

EFFECTIVE 2211060200 UTC (1700 LOCAL 11/05/22) UNTIL 2303230200
UTC (1700 LOCAL 03/22/23).

WI AN AREA DEFINED AS 641927N1492022W (ENN183017.4) THEN CLOCKWISE
ON A 4 NM ARC CENTERED ON 642022N1491125W (ENN170015.4) TO
642356N1491530W (ENN182012.5) TO 641720N1491125W (ENN169018.4) TO
641410N1491401W (ENN170021.7) THEN CLOCKWISE ON A 3 NM ARC
CENTERED ON 641655N1491641W (ENN175019.3) TO THE POINT OF ORIGIN
1600FT MSL-FL320

EFFECTIVE 2211060200 UTC (1700 LOCAL 11/05/22) UNTIL 2303230200
UTC (1700 LOCAL 03/22/23).

WI AN AREA DEFINED AS 642356N1491530W (ENN182012.5) THEN CLOCKWISE
ON A 4 NM ARC CENTERED ON 642022N1491125W (ENN170015.4) TO
641929N1490227W (ENN156016) TO 641720N1491125W (ENN169018.4) TO
THE POINT OF ORIGIN 2100FT MSL-3200FT MSL; EXCLUDING AN AREA
DEFINED AS 641919N1490307W (ENN157016.1) TO 641936N1490318W
END PART 2 OF 4

(ENN157015.9) TO 642049N1490344W (ENN158014.6) TO 642142N1490337W
(ENN158013.7) TO 642207N1490309W (ENN157013.3) TO 642210N1490043W
(ENN152013.4) TO 641915N1490049W (ENN154016.3) TO THE POINT OF
ORIGIN 2100FT MSL-3200FT MSL

EFFECTIVE 2211060200 UTC (1700 LOCAL 11/05/22) UNTIL 2303230200
UTC (1700 LOCAL 03/22/23).

EXCEPT AS SPECIFIED BELOW AND/OR UNLESS AUTHORIZED
BY ATC:

1. THESE RESTRICTIONS EXCLUDE THAT PORTION OF
AIRSPACE WHOLLY CONTAINED IN R-2206A WHEN **ACTIVE**.

2. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
BE ON A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC
CONTROL (ATC) FACILITY.

3. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE AT
ALL TIMES WHILE IN THE TFR.

4. ALL AIRCRAFT ENTERING OR EXITING THE TFR MUST
REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.



END PART 3 OF 4

**A0852/22**

ADS-B, AUTO DEPENDENT SURVEILLANCE
REBROADCAST (ADS-R), TFC INFO SERVICE BCST (TIS-B), FLT INFO
SERVICE BCST (FIS-B) SERVICES MAY NOT BE **AVBL** WI AN AREA DEFINED
AS 106NM RADIUS OF 643128N1601621W. AP AIRSPACE AFFECTED INCLUDES
ELI, KAL, KKA, KYU, NUL.
F) SFC G) 14000FT

A0832/22

ROUTE ZAN.
R39 OSCARVILLE (OSE) **NDB**, AK TO ANIAK (ANI) **NDB**, AK MOCA 1900.

10/131

COM NUIQSUT REMOTE COM A/G 119.4 **U/S**

10/130

COM NIKOLSKI REMOTE COM A/G 118.0 **U/S**

A0816/22

ROUTE ZAN.
V452 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-254 TO
R-259.
V452 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-072 TO
R-077.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0824/22

ROUTE ZAN.
B233 GALENA (GAL) **VOR/DME**, AK TO KUTAL, CHANGE RADIAL R-268 TO
R-273.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0823/22

ROUTE ZAN.
J512 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-228 TO
R-233.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0822/22

ROUTE ZAN.
J133 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-119 TO
R-124.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0821/22

ROUTE ZAN.
J122 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-068 TO
R-073.
J122 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-253 TO
R-258.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0820/22

ROUTE ZAN.
J117 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-146 TO
R-151.
J117 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-298 TO
R-303.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

A0819/22

ROUTE ZAN.
V498 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-146 TO
R-151.
V498 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-298 TO
R-303.
GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.

**A0818/22**

ROUTE ZAN.

V488 COP TO GALENA (GAL) **VOR/DME**, AK : CHANGE RADIAL R-228 TO R-233.V488 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-057 TO R-062.GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.**A0817/22**

ROUTE ZAN.

V477 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-353 TO R-358.GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.**A0776/22**

2330-0500

DUE TO THE ACTIVATION OF LIGHTNING GROUP AND DELTA ATC ASSIGNED AIRSPACE THE FOLLOWING RESTRICTIONS ARE REQUIRED: 1.)ALL WB FLTS ENTERING ANCHORAGE FIR N OF 62N141W MUST BE ESTABLISHED ON ONE OF THE FOLLOWING RTES:(A) ON OR N OF NCA28 (B) OVR OR S OF ORT 2.)ALL EB FLTS TRANSITING ANCHORAGE FIR SHALL FLT PLAN VIA ONE OF THE FOLLOWING:(A) ON OR N OF NCA28 (B) OVER OR S OF TED J511 GKN J124 ORT 3.)THE FOLLOWING RTES/FIXES ARE **NOT AVBL**: (A) NCA24/FIORD, NCA19/CHAPO, NCA22/FANES (B) J167 BTN GKN AND FYU (C) J502/J515/Q902 BTN FAI AND ORT (D) J507 BTN ORT AND FYU (E) V481/T226 BTN BIG AND FYU 4.) ACFT LDG/DEP FAI AND LOW ALT STRUCTURE ACFT FILED BTN FAI AND ORT WILL BE RESTRICTED TO AT OR BLW 17000FT. AIRSPACE ACT MON-FRI LOCAL DATES, MON-SAT ZULU DATES. FOR QUESTIONS OR ADDITIONAL INFO, CTC ANCHORAGE /ZAN/ ARTCC TFC MANAGEMENT UNIT AT TEL 907-269-1108

F) SFC G) FL600

A0738/22V317 SISTERS ISLAND (SSR) **VORTAC**, AK R-125 TO COP MEA 8000.SSR **VORTAC** R-125 RESTRICTED.**A0736/22**

TFC INFO SERVICE BCST (TIS-B) MAY NOT BE

AVBL WI AN AREA DEFINED AS 60NM RADIUS OF 582130N1343458W. AP AIRSPACE AFFECTED MAY INCLUDE JNU.

F) SFC G) UNL

A0728/22J133 SITKA (SIT) **NDB**, AK TO WOXOX, AK MEA 20000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.SIT **NDB UNUSABLE** BELOW 20000.**A0692/22**

ROUTE ZAN.

V453 BETHEL (BET) **VORTAC**, AK TO ALTEY, AK MEA 8000.BET **VORTAC** RESTRICTION.

**A0655/22**

DLY 1400-2200 0100-0300

LIGHTNING GROUP AND DELTA ATC ASSIGNED AIRSPACE WILL NORMALLY BE ACT MON-FRI BTN THE HOURS OF 1400-2200Z AND 0100-0300Z. CHECK NOTAMS FOR ACT TIMES OUTSIDE OF THESE DAYS AND TIMES. WHEN THE AIRSPACE IS ACT THE FOLLOWING RESTRICTIONS ARE REQUIRED: 1.)ALL WB FLTS ENTERING ANCHORAGE FIR N OF 62N141W MUST BE ESTABLISHED ON ONE OF THE FOLLOWING RTEs:(A) ON OR N OF NCA28 (B) OVR OR S OF ORT 2.)ALL EB FLTS TRANSITING ANCHORAGE FIR SHALL FLT PLAN VIA ONE OF THE FOLLOWING:(A) ON OR N OF NCA28 (B) OVR OR S OF TED J511 GKN J124 ORT 3.)THE FOLLOWING RTEs/FIXES ARE **NOT AVBL**: (A) NCA24/FIORD, NCA19/CHAPO, NCA22/FANES (B) J167 BTN GKN AND FYU (C) J502/J515/Q902 BTN FAI AND ORT (D) J507 BTN ORT AND FYU (E) V481/T226 BTN BIG AND FYU 4.) ACFT LDG/DEP FAI AND LOW ALT STRUCTURE ACFT FILED BTN FAI AND ORT WILL BE RESTRICTED AT OR BLW 17000FT. FOR CURRENT ACT AIRSPACE SEE SUA.FAA.GOV. FOR QUESTIONS OR ADDITIONAL INFO, CTC ANCHORAGE /ZAN/ ARTCC TFC MANAGEMENT UNIT AT TEL 907-269-1108
F) SFC G) FL600

A0640/22

VOLCANIC ACTIVITY ADVISORY FOR PAVLOV VOLCANO / 552512N 1615400W / ALASKA PENINSULA, AK. THE ALASKA VOLCANO OBSERVATORY HAS REPORTED INCREASED SEISMIC ACTIVITY IN THE VICINITY OF PAVLOV VOLCANO WHICH INDICATES THE POSSIBILITY OF A VOLCANIC ERUPTION. (AVIATION COLOR CODE ORANGE IS CURRENTLY IN EFFECT.) AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ERUPTIONS, STEAM, OR ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC IMMEDIATELY. CONTACT ANCHORAGE ARTCC 907-269-1103 FOR ADDITIONAL INFORMATION.

A0639/22

VOLCANIC ACTIVITY ADVISORY FOR GREAT SITKIN VOLCANO / 520412N 1760748W / ALEUTIAN ISLANDS, AK. THE ALASKA VOLCANO OBSERVATORY HAS REPORTED INCREASED SEISMIC ACTIVITY IN THE VICINITY OF GREAT SITKIN VOLCANO WHICH INDICATES THE POSSIBILITY OF A VOLCANIC ERUPTION. (AVIATION COLOR CODE ORANGE IS CURRENTLY IN EFFECT.) AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ERUPTIONS, STEAM, OR ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC IMMEDIATELY. CONTACT ANCHORAGE ARTCC 907-269-1103 FOR ADDITIONAL INFORMATION.

A0621/22

TEMPORARY FLIGHT

RESTRICTIONS PAVLOF VOLCANO WI AREA DEFINED AS 3NM RADIUS OF 552512N1615400W (CDB059031) SFC-15000FT VOLCANIC ACT. PURSUANT TO 14 CFR SECTION 91.137(A)(1) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT. PILOTS ARE ADZ TO EXER EXTREME **CAUTION** WHEN OPERATING NEAR THIS TEMPORARY FLIGHT RESTRICTED AREA, PARTICULARLY WHILE DOWNWIND FROM THE VOLCANO. CHECK CURRENT CENTER WX ADVISORY (CWA), SIGNIFICANT METEOROLOGICAL INFO (SIGMET) AND PILOT REPORT (PIREP) INFO. ANCHORAGE ARTCC (ZAN) 907-269-1103 IS THE FAA CDN FACILITY.
F) SFC G) 15000FT

**A0562/22**

VOLCANIC ACTIVITY ADVISORY FOR SHEVELUCH VOLCANO / 563800N 1611900E / KAMCHATKAN PENINSULA, RUSSIA. SHEVELUCH VOLCANO HAS BEEN IN AN **ACTIVE** STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON AIRCRAFT OPERATIONS IS DESCRIBED IN CURRENT SIGNIFICANT METEOROLOGICAL INFORMATION (SIGMET), CENTER WEATHER ADVISORY (CWA), OR PILOT REPORT (PIREP) INFORMATION. AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. AIRCRAFT OPERATORS SHOULD CONTINUALLY EVALUATE OPERATIONS IN THE SIGMET AREA. AVIATION COLOR CODE ORANGE IS IN EFFECT. FLIGHT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SURFACES.
END PART 1 OF 2

ANY AIR CARRIERS THAT OBSERVE OR EXPERIENCE ANY DIFFICULTIES RESULTING FROM AN ENCOUNTER WITH VOLCANIC ASH, PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.5 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS). CONTACT ANCHORAGE ARTCC, 907-269-1103, FOR ADDITIONAL INFORMATION.

F) SFC G) FL490

END PART 2 OF 2

A0533/22

ROUTE ZAN.

V440 YAKUTAT (YAK) **VOR/DME**, AK R-119 TO BIORKA ISLAND (BKA) **VORTAC**, AK R-303 NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

YAK **VOR** R-119 **UNUSABLE**.

A0517/22

V317 ZARUT, AK TO COP MRA 10000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

LVD **VOR** R-306 **UNUSABLE** BELOW 10000.

A0489/22

VOLCANIC ACTIVITY ADVISORY FOR EBeko VOLCANO / 504100N 1560100E / NORTHERN KURILE ISLANDS, RUSSIA. EBeko VOLCANO HAS BEEN IN AN **ACTIVE** STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON AIRCRAFT OPERATIONS IS DESCRIBED IN CURRENT SIGNIFICANT METEOROLOGICAL INFORMATION (SIGMET), CENTER WEATHER ADVISORY (CWA), OR PILOT REPORT (PIREP) INFORMATION. AIRCRAFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. AIRCRAFT OPERATORS SHOULD CONTINUALLY EVALUATE OPERATIONS IN THE SIGMET AREA. AVIATION COLOR CODE ORANGE IS IN EFFECT. FLIGHT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD SURFACES. ANY AIR CARRIERS THAT OBSERVE OR EXPERIENCE ANY DIFFICULTIES RESULTING FROM AN ENCOUNTER WITH VOLCANIC ASH, PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.5 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS). CONTACT ANCHORAGE ARTCC, 907-269-1103, FOR ADDITIONAL INFORMATION.

F) SFC G) 12000FT

A0373/22

ROUTE ZAN.

V311 UDENE, AK TO COP NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.

ANN **VOR/DME** R-290 **UNUSABLE** FROM UDENE TO COP.

**A0343/22**

V317 ANNETTE ISLAND (ANN) **VOR/DME**, AK TO GESTI, AK MEA 9000
NORTHWESTBOUND.

ANN **VOR/DME** R-309 **UNUSABLE** BEYOND 37 NM BELOW 9000.

A0217/22

NOPAC ATS ROUTE R338:

ATS ROUTE R338 MAY BE FLIGHT PLANNED FOR WESTBOUND OR EASTBOUND
ROUTE OF FLIGHT. FOR QUESTIONS PLEASE CONTACT ANCHORAGE ARTCC TMU
(907) 269-1108.

F) SFC G) FL600

A0215/22

ANCHORAGE ARTCC AND MAGADAN ACC ARCTIC CTA FIR BOUNDARY:

NORTH OF 73N THE FOLLOWING FLIGHT PLANNING RESTRICTIONS ARE
APPLICABLE FOR ACFT ROUTED ACROSS THE ANCHORAGE ARTCC AND MAGADAN
ACC ARCTIC CTA COMMON FIR BOUNDARY.

1. FIR BOUNDARY WAYPOINTS: ULLAN, TORDO, SULAD, ROGLA, PELER,
NARAL, MOSAS, LERDI, KUMUK, INKIS, GULON, DELIM, BAGAK, AGNOL ARE
NOT AVAILABLE FOR FLIGHT PLANNING PURPOSES.

2. ACFT MUST FLIGHT PLAN OVER THE FOLLOWING FIR BOUNDARY
WAYPOINTS: NALIM, LURUN, RAMEL, PINAG, LETUN, NIKIN, SALET, ORVIT,
AMATI, BEKAR, BARIP.

REFER QUESTIONS CONCERNING THIS NOTAM TO ANCHORAGE ARTCC TRAFFIC
MANAGEMENT (907) 269-1108.

F) SFC G) FL600

A0098/22

R580:

THE PORTION OF R580 HAMND TO ORCCA IS **UNUSABLE**. FLTS DEPARTING
PANC FILED ON R580 MUST FILE NODLE R220 NICH0 DCT ORCCA. OVR FLTS
SHOULD FILE OVR

OR WEST OF ORCCA TO JOIN R580.

REFER QUESTIONS CONCERNING THIS NOTAM TO ANCHORAGE
ARTCC INTL PROCEDURES AT (907) 269-1134

**A0082/22**

THE FOLLOWING FLIGHT PLANNING RQMNTS ARE APPLICABLE IN THE PAZA FIR.

1. FLTS CROSSING THE UHMM/PAZA OR ULMM/PAZA FIR BDRY, OVER OR N OF LISKI, MUST ADHERE TO THE ANCHORAGE ARCTIC FIR RQMNTS NOTAM.

2. UPR FLTS WILL HAVE THE SAME PRIORITY FOR ALT ASSIGNMENT AS ACFT ON AN OPTIONAL PACOTS OR NOPAC TRACK. (EXCEPTION: OPRS WHICH FLT PLAN A UPR THAT IS NOT Laterally SEPARATED FM AN OPPOSITE **DIRECTION** PACOTS/NOPAC/UPR TFC FLOW WILL LIKELY BE RESTRICTED VERTICLE WHILE IN CONFLICT WITH THE MAJOR TFC FLOW.)

3. UPR ROUTES MUST COMPLY WITH ALL PUBLISHED PAZA NOTAMS.

4. UPR ROUTES MUST AVOID THE AIRSPACE BOUNDED BY 5626N15217W, 5638N15059W, 5705N15110W AND 5658N15230W.

5. WB UPR FLTS MAY ENTER PAZA FIR AIRSPACE:

A. FM CZVR FIR AIRSPACE ANYWHERE OVER OR NE OF KATCH PROVIDED FLTS DO NOT RE-ENTER THE CZEG FIR AIRSPACE.

B. ANYWHERE BTN KATCH AND 5638N15059W OR BTN 5626N15217W AND
END PART 1 OF 4

A0082/22 NOTAMR A0081/22

Q) PAZA/QPFXX////280/999/

A) PAZA PART 2 OF 4

B) 2202242203

C) PERM

E) 4746N17000E

D. FLTS ENTERING PAZA AIRSPACE BTN NCA30 AND NCA10 MUST FLT PLAN OVER ONE OF THE FOLLOWING FIXES: POTAT, GOATS, FIORD, CHAPO, FANES, TIBOY, EMSOW, BIBEM, AYZOL, GAHAM, TOVAD, OMSUN, JAGIT, COHIL OR DEEJA. (NON-RNP10 CERTIFIED ACFT MUST ALSO FILE THE ASSOCIATED NCA ROUTE OR AIRWAY TO THE FST NAMED POINT AFTER THE CZEG/PAZA BDRY.)

7. WB FLTS ENTERING THE NOPAC:

A. MAY JOIN R220 AT ANY R220 WAYPOINT OVER OR E OF NIPPI PROVIDED THE ROUTE OF FLT REMAINS SOUTH OF R220 W OF NATES

B. MAY JOIN R580 AT ANY R580 WAYPOINT OVER OR E OF OMOTO PROVIDED THE ROUTE OF FLT REMAINS S OF R580 W OF ONEIL.

C. A590 IS **NOT AVBL**.

D. R591 AND G344 ARE **NOT AVBL** UNLESS DESIGNATED AS WB PACOTS TRACK AND ACFT MUST CROSS THE RJJJ/PAZA FIR BDRY BTN 0000 UTC AND 0600 UTC. ADDITIONALLY, ACFT MUST JOIN R591 NO FURTHER W THAN AKISU OR MUST JOIN G344 NO FURTHER W THAN CUTEET.

8. EB ACFT TRANSITIONING FM THE NOPAC MUST FLT PLAN ONE OF
END PART 2 OF 4

A0082/22 NOTAMR A0081/22

Q) PAZA/QPFXX////280/999/

A) PAZA PART 3 OF 4

B) 2202242203

C) PERM

E) THE FOLLOWING TRANSITIONS:

A. A590: PASRO A590 POWAL THENCE UPR.

B. R591: AKISU THENCE UPR, PROVIDED ROUTE OF FLT REMAINS S OF R591.

C. G344: CUTEET THENCE UPR.

9. EB ACFT TRANSITIONING VIA RUSSIAN ENTRY/EXIT FIXES ALONG THE UHPP/PAZA AND UHMM/PAZA FIR BDRY MUST COMPLY WITH ROUTINGS ESTABLISHED IN FAA PUBLICATION "CHART SUPPLEMENT, ALASKA" EXC AS FOLLOWS:

A. EB FLT OVER KUNAD, LUMES AND KOKES MUST BE FLT PLANNED VIA:

1. ROUTE: KOKES DIRECT ONEIL THENCE VIA UPR REMAINING S OF NOPAC ROUTE R580 OR, LUMES DIRECT PINSO THENCE VIA UPR REMAINING S OF



NOPAC ROUTE A590 OR, KUNAD DIRECT PLADO THENCE VIA UPR REMAINING S OF NOPACT ROUTE A590.

2. ALT: FLTS MUST FLT PLAN TO CROSS KUNAD, LUMES OR KOKES AT OR BLW FL310, OR AT OR ABV FL390.

3. TIME: FLTS MUST FLT PLAN SO AS TO CROSS KUNAD, LUMES OR KOKES
END PART 3 OF 4

A0082/22 NOTAMR A0081/22

Q) PAZA/QPFXX////280/999/

A) PAZA PART 4 OF 4

B) 2202242203

C) PERM

E) BTN 0500 UTC AND 2300 UTC. REFER QUESTIONS TO ANCHORAGE ARTCC INTL PROC AT TEL 907-269-1801 OR TO ANCHORAGE ARTCC TFC MANAGEMENT AT TEL 907-269-1840.

F) FL280 G) UNL

END PART 4 OF 4

**A1049/21**

ROUTE ZAN.

V456 KING SALMON (AKN) **VORTAC**, AK R-210 FROM 40 NM MEA 5000.AKN **VORTAC** R-210 **UNUSABLE** BEYOND 40 NM BELOW 5000.**A0955/21**

ROUTE ZAN.

J125 PUYVO, AK TO NENANA (ENN) **VORTAC**, AK NA.ENN **VORTAC**.**A0956/21**

ROUTE ZAN.

V436 PUYVO, AK TO NENANA (ENN) **VORTAC**, AK NA.ENN **VORTAC**.**A0875/21**V506 KODIAK (ODK) **VOR/DME**, AK TO 55 NM CHANGE OVER POINT **UNUSABLE**.**A0800/21**V436 BEETE INT, AK BEETE INT NA. **DME** REQUIRED EXCEPT FOR ACFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.FYU **VORTAC** R-251 **UNUSABLE**.**A0516/21**

ROUTE ZAN.

A15, A2 DELTA JUNCTION (DJN) **NDB**, AK TO NABESNA (AES) **NDB**, AK MEA
8500.**A0514/21**G16 WAINWRIGHT VILLAGE (UKK) **NDB**, AK TO BROWERVILLE (VIR) **NDB**, AK
MOCA 1200.**A0513/21**G16 NUIQSUT VILLAGE (UQS) **NDB**, AK TO PUT RIVER (PVQ) **NDB**, AK MOCA
1300.**A0327/21**R2015 TECLY, AK HOLDING AT OR ABOVE
4800.

F) SEE TEXT G) SEE TEXT

A0330/21ZAN. R2015 TECLY, AK TO FIPAM, AK MOCA
2500.

F) SEE TEXT G) SEE TEXT

A0329/21R2015 FIPAM, AK TO VAZPU, AK MEA
5200.

F) SEE TEXT G) SEE TEXT

A0328/21R2010, R2020 PAHSI, AK MCA 5300
WESTBOUND.

F) SEE TEXT G) SEE TEXT

A0326/21R2010 LUKEC, AK TO SEBAW, AK MOCA
3400.

F) SEE TEXT G) SEE TEXT

A0331/21R2015 TAWMO, AK TO UCUXY, AK MOCA
2500.

F) SEE TEXT G) SEE TEXT

A0181/21

ROUTE ZAN.

G17 WAINWRIGHT VILLAGE (UKK) **NDB**, AK TO ATQASUK (ATK) **NDB**, AK MOCA
1200.

**A0128/21**

ZAN AK..ROUTE ZAN.

V481 BIG DELTA (BIG) **VORTAC**, AK R-153 TO PAXON, AK MEA 13000
SOUTHBOUND.V481 BIG DELTA (BIG) **VORTAC**, AK R-341 TO FORT YUKON (FYU) **VORTAC**,
AK R-164 NA NORTHBOUND EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS.BIG **VOR** RESTRICTED.**A0002/21**

ROUTE ZAN.

R1 ST PAUL ISLAND (SPY) NDB/DME, AK TO GARRS INT, AK MOCA 3700.

A0911/20G4 WOOD RIVER (BTS) **NDB**, AK TO ILIAMNA (ILI) NDB/DME, AK MEA 5500
MOCA 4300.**A0887/20**

ZAN AK..ROUTE ZAN.

V473 LEVEL ISLAND (LVD) **VOR/DME**, AK TO FLIPS, AK **UNUSABLE** BELOW
9000 EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS.
LVD **VOR UNUSABLE** BELOW 9000.

+++++ ROUTE +++++

2/5871

AK..ROUTE ZAN.

V489 GALENA (GAL) **VOR/DME**, AK TO COP : CHANGE RADIAL R-072 TO
R-077. GAL **VOR/DME** MAGVAR UPDATED FROM 17E TO 12E.=====
EXTENDED AREA AROUND DESTINATION
=====**PAZA** **ANCHORAGE FIR/UIR**

Please see section EXTENDED AREA AROUND DEPARTURE

=====
EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)
=====**PAZA** **ANCHORAGE FIR/UIR**

Please see section EXTENDED AREA AROUND DEPARTURE



[Company NOTAM]

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CREW ALERT

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SB007/14

SUBJECT: AUTO COST INDEXES

WHEN PLANNING A COST INDEX, 2 OPTIONS ARE AVAILABLE. PILOTS MAY EITHER SELECT A SPECIFIC COST INDEX NUMBER FROM THE LIST, OR THEY MAY SELECT "AUTO". WHEN PLANNING AN "AUTO" COST INDEX, THE SYSTEM WILL REFERENCE THE SCHEDULED "TIME ENROUTE" OPTION AND ATTEMPT TO CHOOSE A COST INDEX WHICH CLOSELY MATCHES THIS VALUE. NOTE THAT THE "TIME ENROUTE" OPTION IS MEANT AS A GATE TO GATE TIME (AS INDICATED ON AN AIRLINE'S FLIGHT SCHEDULE, FOR EXAMPLE). IF A "TIME ENROUTE" OF 2:30 IS SELECTED, THE SYSTEM WILL SUBTRACT THE TAXI TIMES FROM THIS VALUE TO DETERMINE THE SCHEDULED AIR TIME. IT WILL THEN DETERMINE AND USE THE COST INDEX WHICH MATCHES THIS AIR TIME.

SB003/13

SUBJECT: FLIGHT RELEASE UNITS

ALL FLIGHT CREW: PLEASE PAY SPECIAL ATTENTION TO THE UNITS SELECTION WHEN GENERATING A FLIGHT PLAN. FAILURE TO IDENTIFY THE CORRECT UNITS WHEN REFUELING PRIOR TO FLIGHT CAN RESULT IN DEPARTING WITH INSUFFICIENT FUEL AND/OR AN ERRONEOUS PAYLOAD.

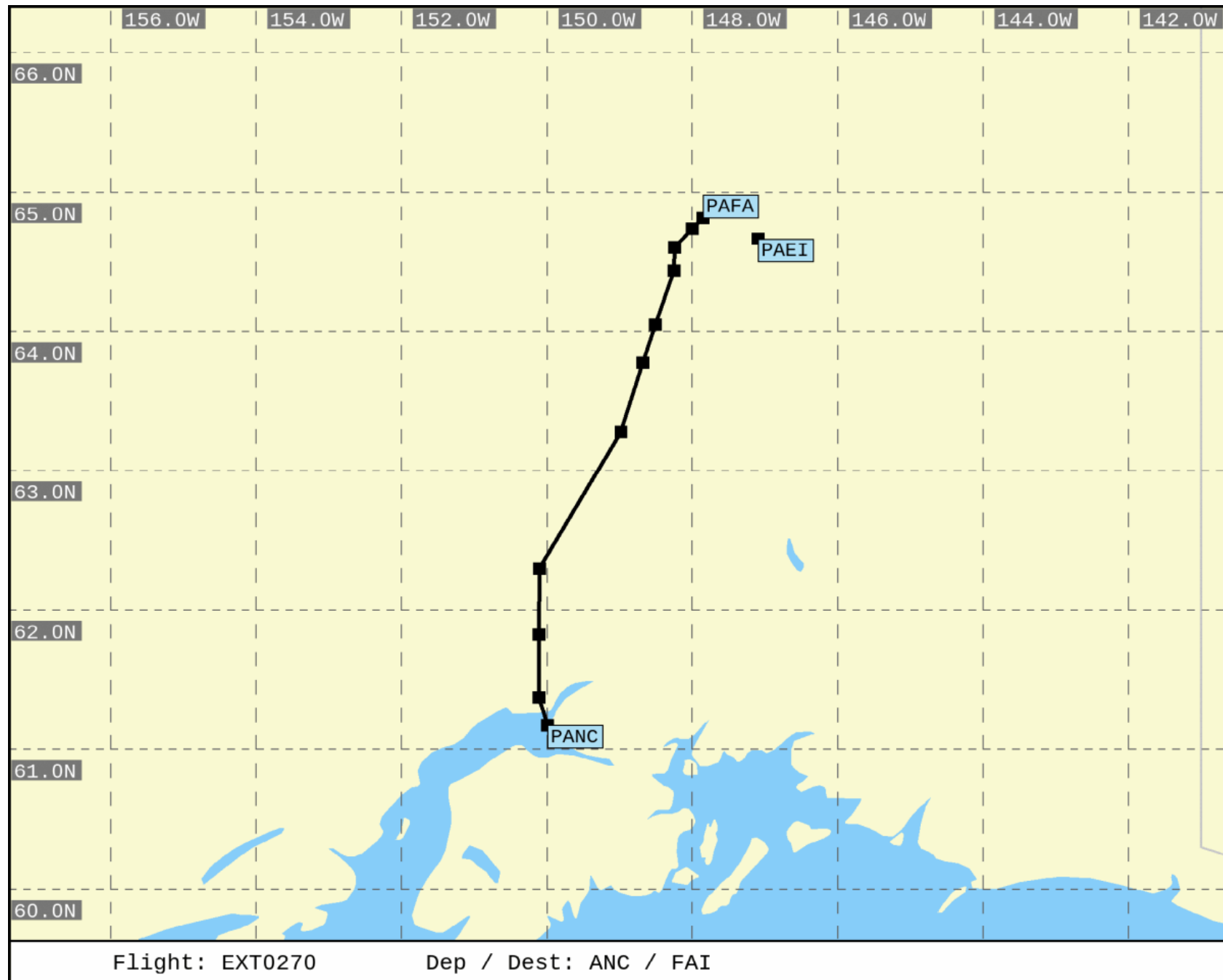
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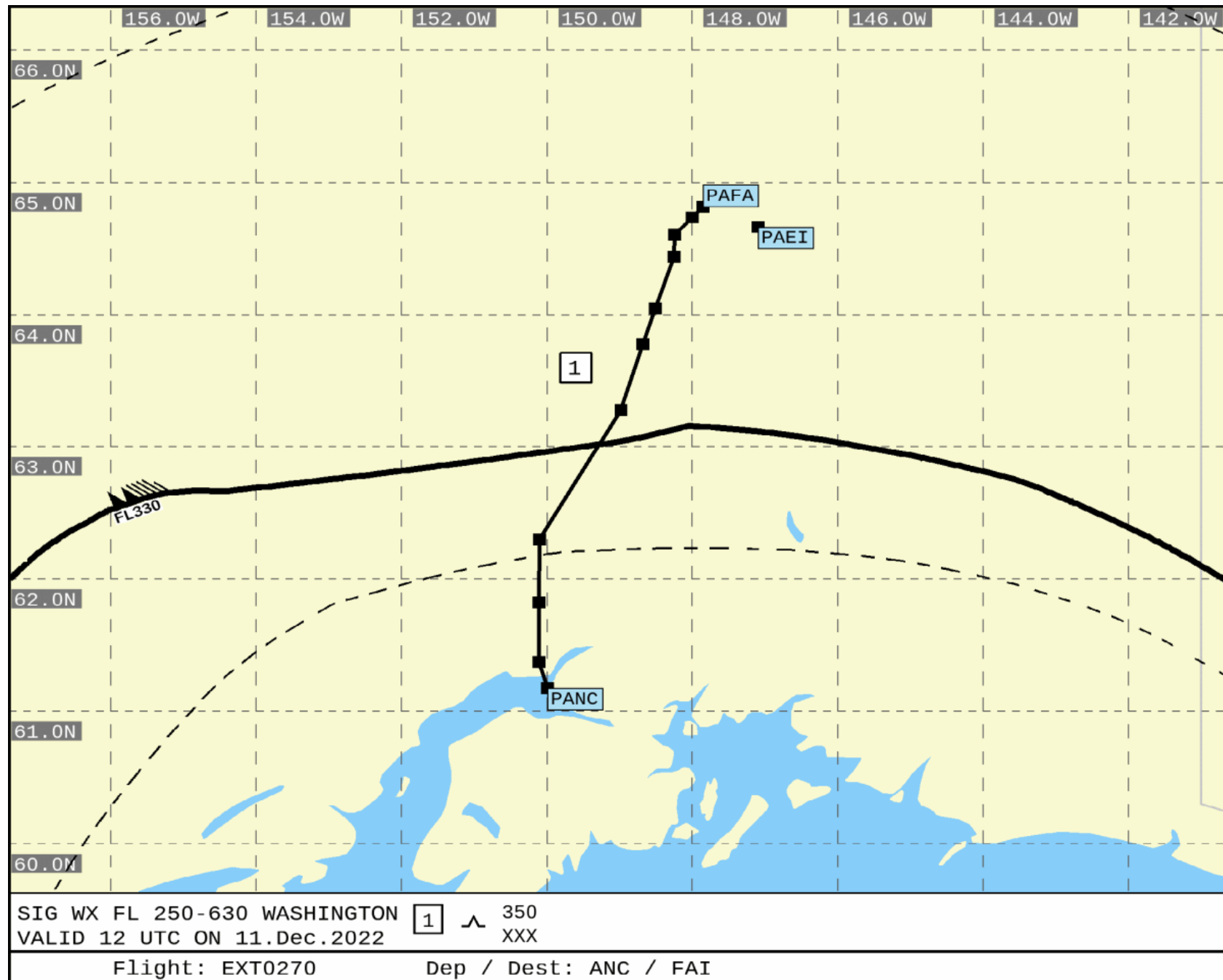
CREW BULLETIN

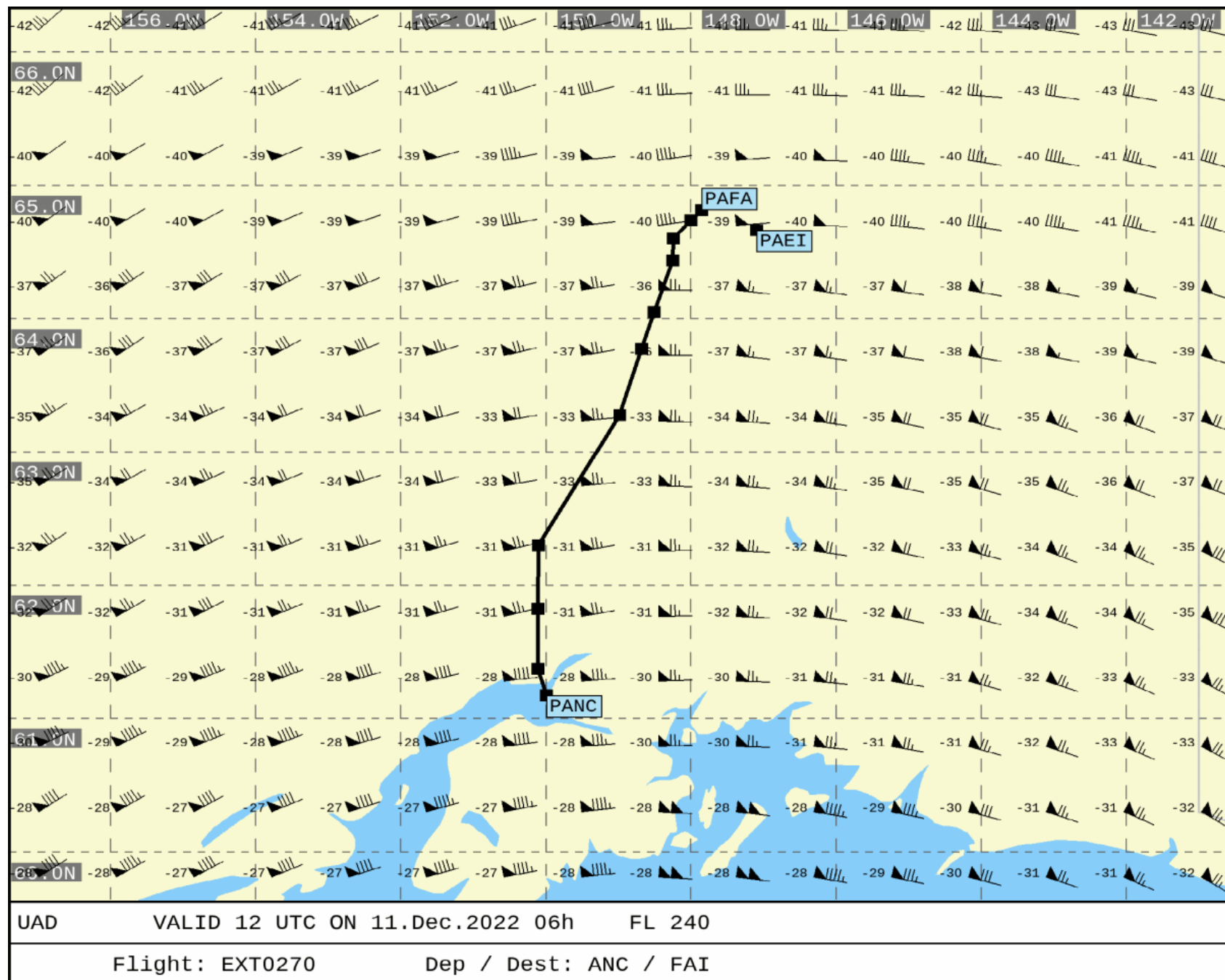
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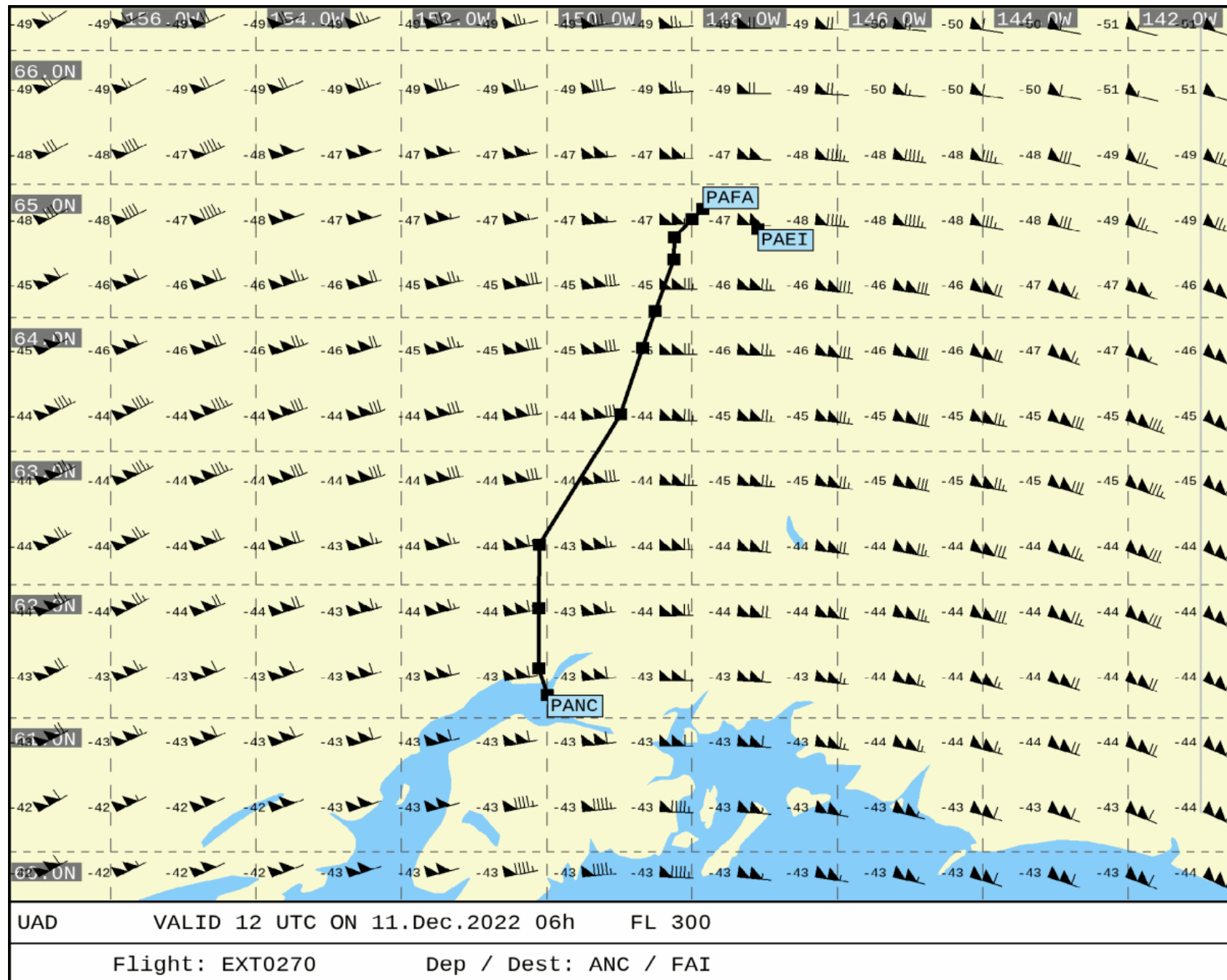
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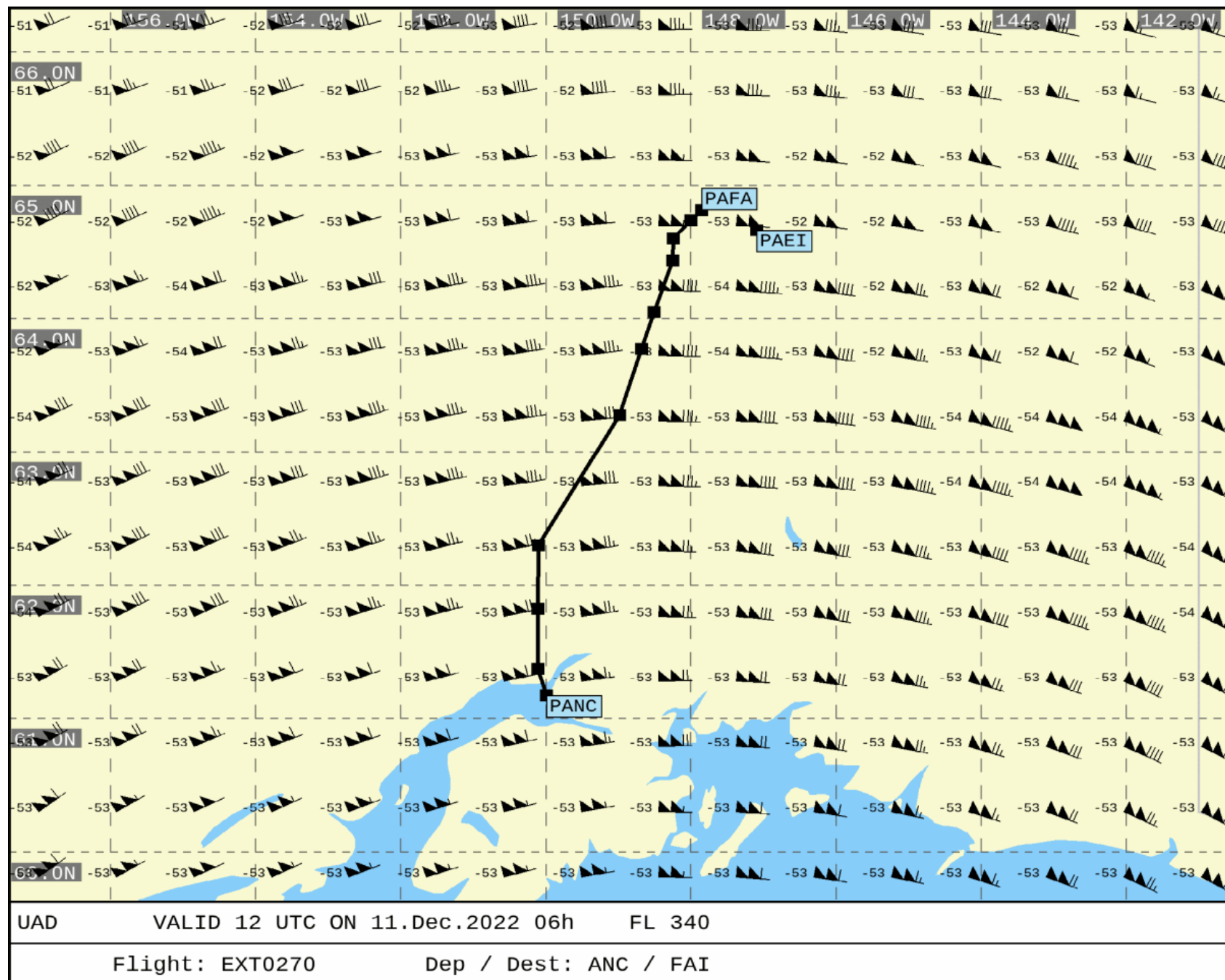
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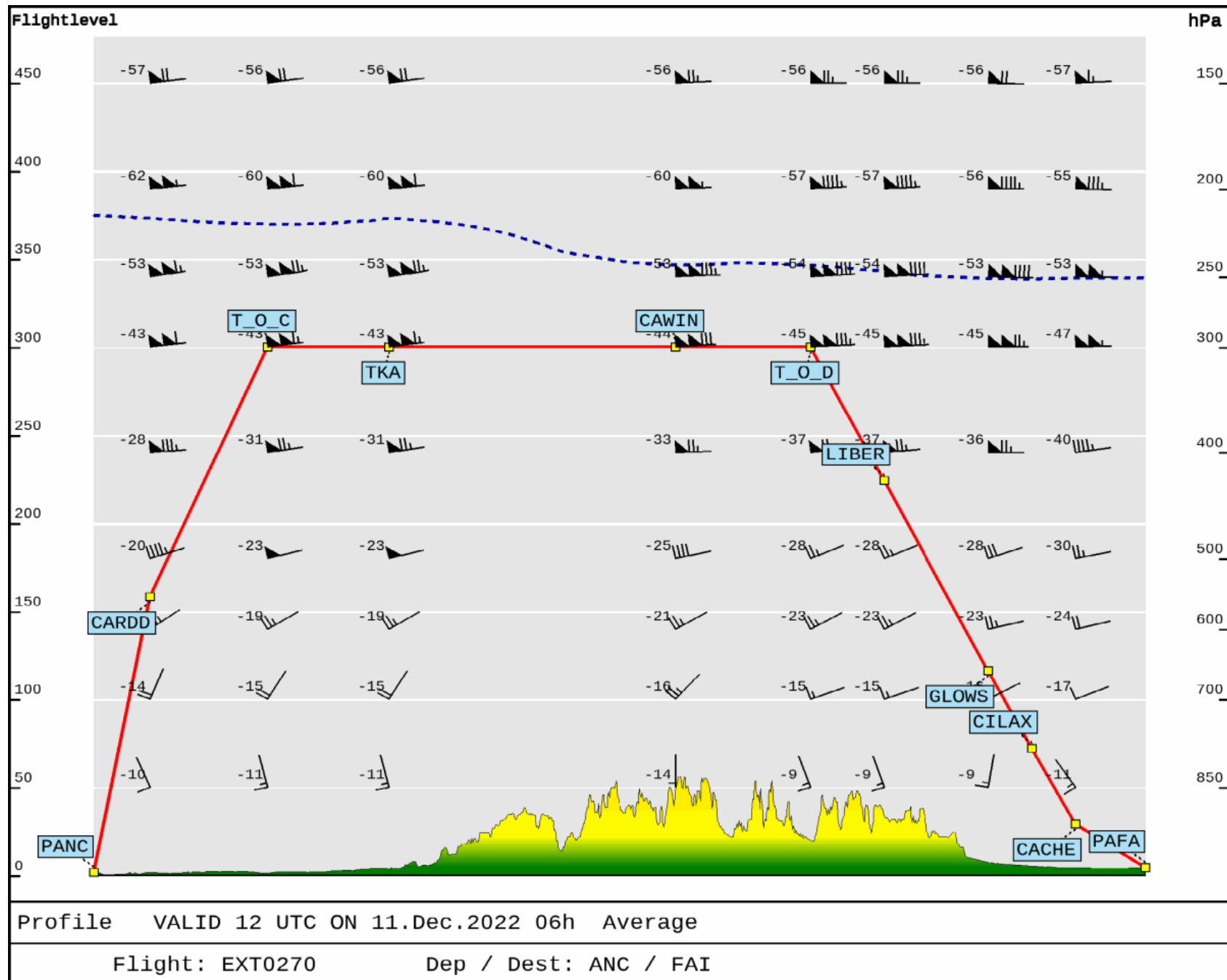














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