

DCA21FA085

## **OPERATIONAL FACTORS**

Attachment 7  
United 328 Flight Plan  
October 27, 2022

**UAL328 OPERATIONAL FLIGHTPLAN PG 1/5 PRTD 20FEB21 1705.02**

UAL328-20 20FEB21 KDEN/DEN OUT 1915Z/1215L OFF 1929Z/1229L  
 N772UA/2372 B772 PHNL/HNL ON 0241Z/1641L IN 0245Z/1645L  
 WIND 201800 210600 06:46/00:26E VRT 14 RTG 113 RLSE 01

RLSD IFR TO PHNL/HNL CH52 [REDACTED]  
 B343 FUEL RESERVES FOR FLAG AND SUPPLEMENTAL OPERATIONS

**MEL ITEM INFO**  
 1207 - PBCS TRACK PROCEDURES NOT AUTHORIZED  
 4643 - NO SUPPLEMENTAL OXYGEN  
 9790 - BROADBAND ANTENNA INSTALLED

**DISPATCHER REMARKS**  
 FCST LT-MOD TURB DPTR FL090-170/320-400,  
 AND VCTY OGD/LCU FL200-280.  
 OPT RANDOM RTE N OF TRK A -COST/TIME/RIDES.  
 FCST LT-MOD TURB ARRVL FL380-280.

**CONTINUED AT END OF OFF**

**SYSTEM INFO**  
 VIA OPTIMIZED-RBL FATMO RR TO AUNTI R463 APACK  
 180 MINUTE ETOPS  
 COLDST ENRT FUEL TEMP M25C (---) (N2724.5 W15143.1) 5:26/2475NM  
 IA:KDEN-KSMF-KSFO-EA:KSFO-PHOG-IA:PHOG-PHNL  
 FLIGHT IS NOT ENROUTE TERRAIN LIMITED  
 ACF90=06/ACF99=12 SAMPLE=72 AVGBDE=00 STDEV=08

**ROUTING**  
 DIST 3042 WC H17 DRAG/FF 0/+4.4 FECO -93 USD/1K  
 CI 41 OPTD F360 FATMO/F380 33N42/F400 BAMBO/F180

<b>FMS INIT LOAD</b>	<b>TOW PARAMETERS</b>
KDEN/PHNL	R17L T04 A2980 W250/12 HW04
ARPT REF POINT N3951.7 W10440.4	XW11 F5 DRY AI/ANTI-ICE OFF
F360/M54 (P02) TROP F335	AC/PACKS ON L12000
<b>TOC CHNGY+28NM</b>	<b>LW PARAMETERS</b>
ZFW 364296 / 415915T	R08L T24 A3009 W070/12 HW11
TOW 475566 / 527185P	XW04 F30 DRY AI/E AC/ON ENRT
LW 384327 / 445000S	ICE ACCR L12300

**NO REDISPATCH POINT**

INTENDED DEST				
PHNL/HNL	06:46	91238		
FAR	00:30	5869		
ACF90	00:06	1219		
PHJR/JRF	00:13	2994		
N/A	00:00	0		
ETOPS	00:40	7910		
CF	00:00	0		
UNSNL	00:00	0		
MIN T/O	08:15	109230		
EXTRA	00:10	2039		CAPT
CAPT	00:00	0		
N/A	00:00	0		DOM
PLAN T/O	08:25	111270		MIN
TAXI	00:19	1100		SIGNED
PLAN GATE	08:44	112370		
REMF	01:38	20031		

CI 120	-00:00	196	LCL APT	DIST	TIME	FUEL
CI 0	00:05	-212	PHOG	88	00:23	5637
PER 1K		192	PHLI	89	00:23	5684

UAL328-20 20FEB21 N772UA/2372 B772 VRT 14 RTG 113 RLSE 01

DEP INFO

CLEARANCE

\*OFP\*

(FPL-UAL328-IS  
 -B772/H-SDE3FGHIJ3J5M1RWXYZ/LB1D1  
 -KDEN1915  
 -N0482F360 ZIMMR2 CHNGY DCT EKR DCT OGD DCT LCU DCT RBL DCT  
 FATMO/M083F360 DCT 36N135W/M083F380 DCT 33N142W/M083F400 DCT  
 30N148W DCT AUNTI R463 APACK MAGGI3  
 -PHNL0646 PHJR  
 -PBN/A1L1B1C1D1O1S2T1 NAV/RNP2 DAT/1FANS2PDC CPDLCX SUR/260B  
 DOF/210220 REG/N772UA EET/KZLC0035 KZOA0138 KZAK0230 PHZH0558  
 SEL/AQCM CODE/AA7238 OPR/UAL PER/C RALT/KSFO PHOG RMK/TCAS)

TKOF ALTN	DIST	TIME	FUEL
		00:00	0

ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO
COORDINATES		MH		EST	ET	ATA	TROP	SAT	WIND	FUEL
NAME		TC/TH								

FMS POSN VERIFIED										
	KDEN 5434FT	---	0		0	---	---	M832	445/462	1100
	N3951.7 W10440.4	---	3042		0:00		F382	M57	282/029	111270
	DENVER INTL	---	/---							
R17L	ZIMMR	271	49		9	166	CLB	---	---/---	5523
	N3958.4 W10539.6	264	2993		0:09		F354	---	---/---	105747
	ZIMMR	279	272							
R17L	CHNGY	265	38		6	168	CLB	---	---/---	2681
	N4000.7 W10628.1	259	2955		0:15		F334	---	---/---	103066
	CHNGY	274	268							
DCT	(T/C)	265	28		5	147	F360	---	---/---	1821
	N4002.3 W10705.8	259	2927		0:20		F335	M54	252/128	101245
		273	267							

RVSM ALTIMETER CHECK										
DCT	EKR D115.20	264	39		6	147	F360	M836	361/482	1515
	N4004.0 W10755.5	259	2888		0:26		F335	M54	252/128	99731
	MEEKER	273	268							

ENTERING FIR: KZLC SALT LAKE CITY (UNITED STATES)										
DCT	OGD T115.70	282	203		30	159	F360	M834	412/481	7035
	N4113.4 W11205.9	276	2685		0:56		F316	M54	254/084	92696
	OGDEN	291	285							

UAL328 OPERATIONAL FLIGHTPLAN PG 3/5 PRTD 20FEB21 1705.02										
UAL328-20		20FEB21		N772UA/2372		B772		VRT 14 RTG 113		RLSE 01
ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO
COORDINATES		MH			ET	ATA	TROP	SAT	WIND	FUEL
NAME		TC/TH								
DCT	LCU T113.60	265	79		11	123	F360	M834	420/482	2663
N4121.8 W11350.4 LUCIN		264	2606		1:07		F270	M53	264/063	90032
		277/276								
ENTERING FIR: KZOA OAKLAND (UNITED STATES)										
DCT	RBL T115.70	250	390		53	132	F360	M835	446/479	12260
N4005.9 W12214.2 RED BLUFF		256	2216		2:00		F345	M56	320/065	77772
		262/268								
ENTERING FIR: KZAK OAKLAND OCEANIC (USA OCEANIC)										
DCT	FATMO	242	229		30	109	F360	M834	461/473	6737
N3903.8 W12700.0 FATMO		249	1987		2:30		F362	M61	334/055	71035
		256/263								
ETOPS WX / EOK MSG										
ETOPS ENTRY KSFO 2:56 1773NM N3734.9 W13107.7 65330										
DCT	(T/C)	233	299		36	011	F380	---	---/---	8166
N3657.4 W13243.0		237	1688		3:06		F382	M63	012/042	62869
		247/251								
DCT	36N35	229	124		15	011	F380	M831	495/470	3212
N3600.0 W13500.0 N36 00 W135 00		237	1564		3:21		F382	M63	012/042	59657
		243/251								
ENTERING CLASS II AIRSPACE										
MAGNETIC COMPASS DEVIATION CHECK										
GROSS NAV ERROR CHECK										
IRU RANKING OR NAV SOURCE VALIDATION										
OCEANIC ATC CLEARANCE (Atlantic Only)										
HF FREQ PRI _____ SEC _____										
HF CHECK										
SELCAL CHECK										
EMERGENCY FREQ 121.5 / 123.45										
SLOP IN										
TRANSPONDER (As Required)										
DCT	33N42	231	391		47	011	F380	M834	494/475	10124
N3300.0 W14200.0 N33 00 W142 00		233	1173		4:08		F395	M60	024/025	49533
		245/247								
CP-1 KSFO-1013/PHOG-1046 4:10 N3254.2 W14212.6 49075/47036										
DCT	(T/C)	229	21		3	011	F400	---	---/---	774
N3249.9 W14222.0		229	1152		4:11		F364	M61	350/008	48760
		242/242								
DCT	30N48	229	335		42	011	F400	M834	470/477	8942
N3000.0 W14800.0 N30 00 W148 00		229	817		4:53		F365	M58	278/010	39818
		241/241								
ETOPS EXIT PHOG 5:33 513NM N2649.9 W15230.3 31738										
ENTERING FIR: PHZH HONOLULU CONTROL FACILITY (UNITED STATES)										

UAL328 OPERATIONAL FLIGHTPLAN PG 4/5 PRTD 20FEB21 1705.02										
UAL328-20		20FEB21		N772UA/2372		B772		VRT 14 RTG 113		RLSE 01
ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO
COORDINATES		MH			ET	ATA	TROP	SAT	WIND	FUEL
NAME		TC/TH								
DCT	AUNTI	221	500		65	011	F400	M834	470/477	13210
N2443.3 W15515.8 AUNTI		224	317		5:58		F519	M58	300/023	26608
		233/236								
R463	APACK	225	71		9	011	F400	M833	481/478	1803
N2402.6 W15619.2 APACK		228	246		6:07		F519	M57	336/025	24804
		235/238								
EXITING CLASS II AIRSPACE										
GROSS NAV ERR CHECK EXITING CLASS 2										
SLOP OUT										
R08L	TOADS	186	79		10	011	F400	M834	449/476	2127
N2246.2 W15641.8 TOADS		193	167		6:17		F523	M59	264/065	22677
		195/202								
R08L	SOPIW	185	24		3	011	F400	M834	449/476	644
N2223.3 W15648.4 SOPIW		193	143		6:20		F523	M59	264/065	22033
		195/203								
R08L	(T/D)	185	18		3	073	F400	M834	464/476	472
N2205.9 W15653.4		194	125		6:23		F486	M59	274/048	21561
		195/204								
R08L	MAGGI	186	16		2	073	DSC	---	---/---	75
N2150.4 W15657.9 MAGGI		195	109		6:25		F486	---	---/---	21486
		195/204								
R08L	BAMBO	221	40		6	073	F180	---	---/---	262
N2125.0 W15730.6 BAMBO		221	69		6:31		F498	M12	252/011	21224
		230/230								
R08L	(T/D)	220	2		0	045	F180	M652	401/411	66
N2123.7 W15732.2		219	67		6:31		F499	M12	252/011	21158
		229/228								
R08L	GRITL	221	7		1	045	DSC	---	---/---	55
N2119.7 W15737.4 GRITL		220	60		6:32		F499	---	---/---	21103
		231/230								
R08L	CKH T113.90	220	6		1	045	DSC	---	---/---	46
N2115.9 W15742.2 KOKO HEAD		219	54		6:33		F499	---	---/---	21056
		230/229								
R08L	PHNL 13 FT	275	54		13	054	DSC	---	---/---	1025
N2119.1 W15755.2 HONOLULU INTL		085	0		6:46		F499	---	---/---	20031
		285/095								

UAL328

OPERATIONAL FLIGHTPLAN PG 5/5 PRTD 20FEB21 1705.02

UAL328-20

20FEB21

N772UA/2372

B772

VRT 14

RTG 113

RLSE 01

RTNG TO PHJR/JRF

ARWY	POSITION	MC	DIST	EST	TIME	MOR	FL	MACH	GS/TAS	ZBO
COORDINATES		MH			ET	ATA	TROP	SAT	WIND	FUEL
NAME		TC/TH								
	PHNL 13 FT	---	0		0	---	---	M429	222/216	0
	N2119.1 W15755.2	---	47		0:00		F489	P08	122/011	20031
	HONOLULU INTL	---/---								
DCT	(T/C)	190	10		3	054	F080	---	---/---	2011
	N2109.7 W15758.8	---	37		0:03		F504	P09	102/008	18021
		200/---								
DCT	(T/D)	190	4		1	054	F080	M429	281/281	168
	N2105.9 W15800.2	---	33		0:04		F504	P09	102/008	17853
		199/---								
DCT	OPIHI	171	0		0	054	DSC	---	---/---	7
	N2105.8 W15800.2	188	33		0:04		F504	---	---/---	17846
	OPIHI	180/197								
IAL	PHJR 30 FT	334	33		9	054	DSC	---	---/---	809
	N2118.4 W15804.2	336	0		0:13		F504	---	---/---	17037
	KALAELOA (JOHN R	343/345								

LDG INFO

DISPATCHER REMARKS (continued from page 1)

NO SIG WX FCST WINDS HNL 07012G20KT.

ETOPS AI PLND OFF.