

AOCWF1

AOC Personnel

Participating Scientists/Visitors/AOC

2550 gal

Fly Track 45, 17 Drops.
 060/16-626 Numerous but not C sondes.
 24/18 20 for acct.
 1018.4
 70/15 20 Billed to acct.
 26/15 7 Ape to get refunded from the sale.
 30.04
 040/17-27 42/9 m/s
 1013.8
 23/15
 17 mgs. 19 good sondes, 2 no winds.
 1 g/10 m/s, 1 lost (wind early).
 27 total dropsondes launched.

2550 gallons

2550 gallons

833 1734

Flight ID: 010216D WBA-01 Track 45

Page 1 of 1

U.S. Dept. of Commerce/NOAA/Aircraft Operations Center

Form 413-50

Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T _a	T _i	Press. Alt.	Geo. Alt.	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
1951	21 19	157 56					2.1	15	1012	-49		1019.2	0.1	Black Out
200330	21 17	157 53	158	51	75	14	14.1	10.8	1012	964		900	94	↑
2008	21 13	157 54	55	54	28	8	3.2	-20.4	8733	3593		646	156	↑
2026	22 20	155 45	57	52	272	29	-57.6	-57.7	11362	11017		224	93	↑
2038	23 06	154 21	71	67	311	17	-62	-66	12904	12551		176	88	- 41K
2057	23 53	153 49	72	67	328	21	-60.4	-66.5	12865	12548		176.1	89.1	
2126	24 57	148 03	73	69.5	327	14	-60.7	-67.4	12781	12561		175.7	88.2	
213405	25 15	147 00	71	67	324	16	-61.1	-67.4	12759	12556		175.6	88	Drop 1 No wind
213412														Drop 1A AOC
215223	26 00	144 30	70	64	294	27	-59.7	-67	12702	12532		176		Drop 2 No wind
215342	26 04	144 19	69	64	295	26	-59.5	-67.5	12696	12531		176	87.4	Drop 2A No wind
220848	26 45	142 15	63	56	313	27.6	-60.2	-66.9	12645	12535		176.5	88.9	Drop 3 Little wind
22101826	26 51	142 01	62	56	311	25.3	-60.2	-67.1	12634	12535		176.5		Drop 3A No wind
221428	27 06	141 30	69	56	302	27	-60.1	-67.1	12619	12535		176.6	88.3	Drop 3B No wind
222944	28 00	139 30	47	40	290	27	-56	-66	12553	12535		176.5	88	Drop 4 No wind
223118	28 10	139 19	40	33	287	30.5	-56	-66	12547	12537				Drop 4A Good
225014	30 00	137 29	29	22	278	30	-52.6	-64.3	12450	12537		176	83.7	Drop 5 Good
231031	32 15	136 08	6	358	279	26	-49.7	-62.4	12385	12537		176	83.8	Drop 6 Good
232940	34 30	136 31	324	318	273	24	-48	-61	12334	12536				Drop 7 No Wind
233045	34 36	136 37	316	312	273	24	-47	-61	12339	12538		176	83.8	Drop 7A Good
234739	36 00	138 15	301	299	296	17.3	-46	-60	12337	12536		176	88	Drop 8 Good
000517	37 00	140 30	279	282	351	22	-49.6	-61.1	12357	12536		176	90	Drop 9 No wind
000618	37 00	140 39	271	274	330	21	-50	-61	12383	12541		176	89	Drop 9A Good
002156	37 00	143 00	257	264	273		-52	-63	12424	12536				Drop 10 No wind
022210	36 56	143 10												Drop 10A No wind
003804	36 15	145 15	244	252	327	34	-57.7	-64.9	13105	13116		160.2	78.7	Drop 11 Good
005526	35 15	147 30	232	240	327	39.8	-58.7	-66.7	13198	13116		160.2	80.2	Drop 12 No wind
005657	35 06	147 41	224	232	330	36.5	-58.1	-66.8	13205	13117		160.2	81.2	Drop 12A Good
011150	33 45	149 15	22	231	317	42	-58.7	-65.9	13206	13111		160.2	78.9	Drop 13 w. wind died
012742	32 15	150 45	217	226	315	36.5	-61.3	-67.6	13324	13115		160.2	80.2	Drop 14 Good
014502	30 29	152 16	216	225	318	36.7	-63.7	-68.8	13388	13119		160.1	80.3	Drop 15 Good
020215	28 45	153 45	214	225	327	34	-62.5	-68.9	13457	13118		160.1	80.2	Drop 16 No wind
020343	28 34	153 53	212	219	328	33	-62.6	-68.8	13463	13118		160.1		Drop 16A Good
021816	27 00	155 00	210	215	340	28.7	-62.7	-68.8	13480	13112		160.2	80.0	Drop 17 Good
024930	23 19	157 17	211	215	351	19	-59	-67	12936	12513		178	81	↓
030730	21 30	158 18	164	69	7		10	-22	2315	2231		775	89	↓

N49RF Winter 01 / AVAPS DropSonde Log

N49RF Project: Winter Storms 2001

Flight ID: 010216N

Mission: NCEP

Flight #: 8

System Status: ☒

Drop #	Sonde Serial Number	Ch #	Time (Zulu)	Press offset	Winds time	Operator	NWS	SCAT	SSMIS	PJET	PROTO	Comments / Drop Status / Failure Reason	GOOD ☒
1	990 415 012	1/5	2134	.5	15	gh	✓						✓
2	001 048 012	8	2134	0									✓
3	003 825 096	1/5	2152	.5							✓	405.98 - Garmin - BAD TEL	
4	003 825 095	4	2153	.5							✓	NO winds / Fast Fall	
5	003 815 110	1/5	2208	.5							✓	NO winds / Fast Fall	
6	993 925 273	4	2210	0			✓				✓	NO wind / Late winds	
7	994 315 018	2	2214	0			✓					NO winds	
8	003 825 102	5	2229	.5								NO winds	
9	993 925 306	6	2231	.5	7		✓				✓	NO winds	
10	990 415 158	4	2250	1	24		✓						✓
11	003 115 108	1	2310	.5	23		✓						✓
12	003 248 017	2	2329	0							✓	NO winds / Fast Fall	✓
13	990 415 162	4	2330	.7	31		✓						
14	003 248 015	1	2347	0	15		✓						✓
15	003 825 111	2	0005	0							✓	NO winds / Fast Fall	✓
16	990 415 355	4	0006	.7	21		✓						
17	990 415 141	1	0022	.9			✓					NO winds	✓
18	990 415 017	3		.9			✓					NO winds	
19	990 415 157	2	0038	.7	11		✓						
20	990 245 016	1	0055	.6			✓					NO winds	✓
21	990 435 434	4	0057	.7	26		✓						
22	003 815 104	2/5	0112	0	24		✓					WINDS FAILED 225K feet - Look @ P1	✓
23	990 415 018	1/6	0127	1.0	28		✓						
24	003 825 110	2	0145	.5	13		✓						✓
25	003 825 129	1	0202	0			✓					Late winds	✓
26	990 435 433	4	0204	.7	17		✓						
27	003 825 064	2	0218	.5			✓						✓
28													✓
29													
30													
31													
32													
33													

CH# 5/6 MWG Firmware 2.05

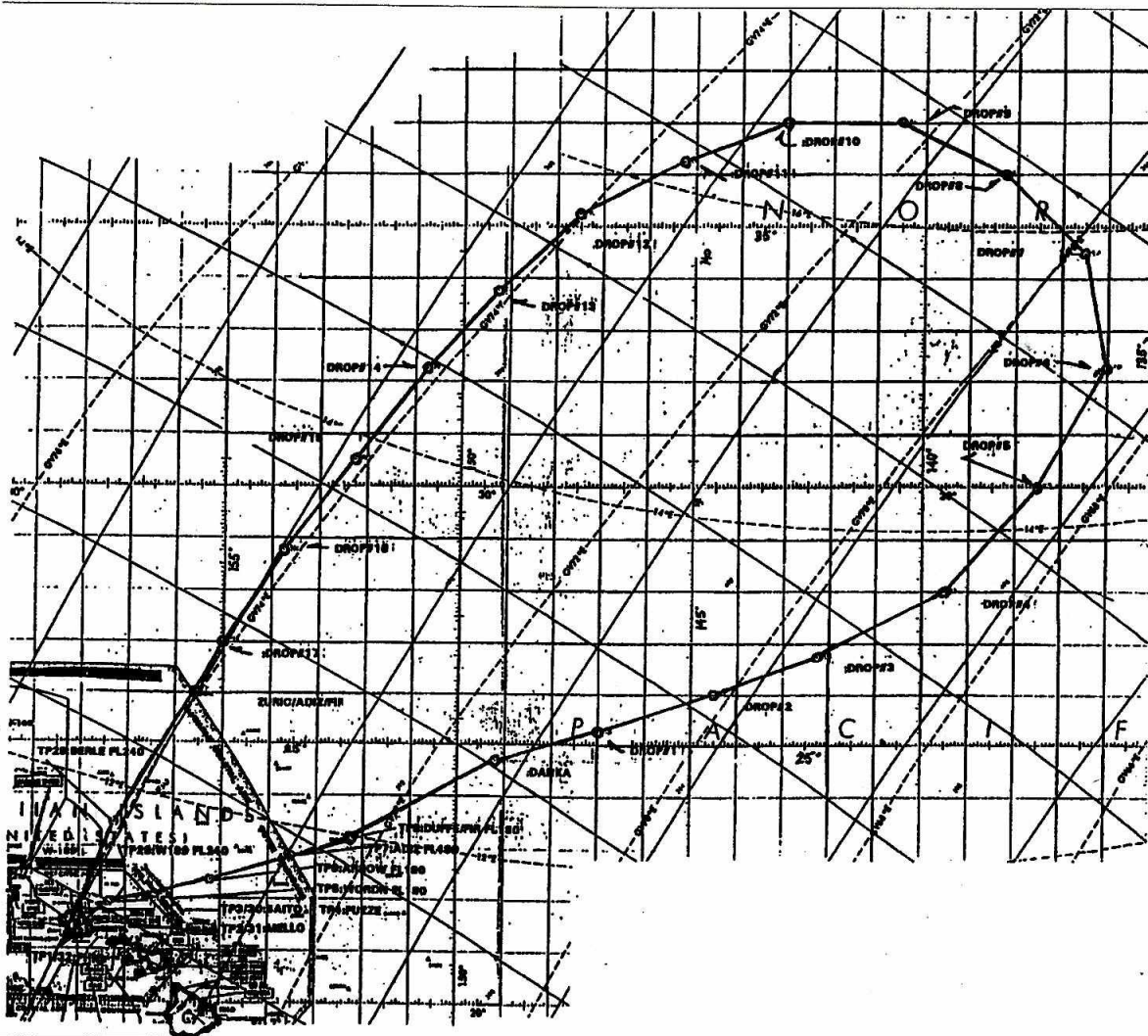


Figure H-15. Air Force Track WSRP45.

3.0 for the WC-130H
5 OCT 0ROUTE NAME: XXXXXXXXXX
DATE SPUN: 25 OCT 0

AIRCRAFT CDR	TAIL #	HONOLULU INTL N 21 18.97 FM: W157 55.60	HONOLULU INTL N 21 18.97 TO: W157 55.60	TOTAL DIST 3192	TOTAL TIME 12+27	ESA 6500
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RANCE

NAVIGATOR'S SIGNATURE

PT	ROUTING LAT LONG	STATION ELEV VAR	FREQ	HDG DELTA BANK	TC MC	TRUE W/V DRIFT	HDG TRUE VAR MAG	CAS TAS GS	SPN TURN TEMP	ALT TDR	DIST ZD TD	TIME ZONE TT TTR	ETA RETA	ATA A/B	RMK
PHIK/A	N 21 18.97 W157 55.60	HONOLULU INTL 13 10.3E		0	052 042		052 10.3E 042		13M +28C		0 0 3192	00+00 00:00 12+27	00:00		
MKK/W	N 21 08.29 W157 10.04	MOLOKAI 1421 11.0E	108X 116.1	0	104 094		104 11.0E 094	N/A N/A	12322M +3C		44 44 3148	00+14 00:14 12+14	00:14		
CLUTS/W	N 23 00.20 W154 39.29	PMKK/R040179 unk 10.8E	108X 116.1	0	051 041	300/025 -5	046 10.8E 036	206 276 284	18000M -8C		179 223 2969	00+41 00:54 11+33	00:54		
.ADIZ OUT	N 23 04.26 W153 42.95	DCT TO DUFFE unk 10.8E		0	085 075	300/025 -3	082 10.8E 072	205 275 295	18000M -8C		52 275 2917	00+11 01:05 11+22	01:05		
DUFFE/W	N 23 09.90 W152 17.70	DUFFE unk 10.9E		0	086 075	300/025 -3	083 10.9E 072	204 274 295	18000M -8C		79 353 2838	00+16 01:21 11+06	01:21		
DANKA/W	N 24 39.21 R576 W149 11.44	DANKA unk 11.5E		0	062 051	280/030 -4	058 11.5E 047	203 273 296	18000M -8C		192 546 2646	00+39 02:00 10+27	02:00		
.TP 10	N 25 15.00 W147 00.00	DROP #1 unk 11.8E		0	073 061	280/030 -3	070 11.8E 058	202 272 298	18000M -8C		124 670 2522	00+25 02:25 10+02	02:25		
.TP 11	N 26 00.00 W144 30.00	DROP #2 unk 12.1E		0	071 059	280/035 -4	067 12.1E 056	201 270 300	18000M -8C		143 813 2379	00+28 02:54 09+34	02:54		
.TP 12	N 26 45.00 W142 15.00	DROP #3 unk 12.5E		0	069 057	280/040 -4	065 12.5E 053	200 269 302	18000M -8C		129 942 2250	00+26 03:19 09+08	03:19		
.TP 13	N 28 00.00 W139 30.00	DROP #4 unk 13.0E		0	063 050	270/040 -4	059 13.0E 046	191 283 318	24000M -20C		165 1106 2085	00+38 03:57 08+30	03:57		
.TP 14	N 30 00.00 W137 30.00	DROP #5 unk 13.6E		0	041 028	270/035 -5	035 13.6E 022	190 281 303	24000M -20C		159 1266 1926	00+32 04:29 07+58	04:29		
.TP 15	N 32 15.00 W136 00.00	DROP #6 unk 14.4E		0	029 016	260/040 -6	023 14.4E 009	189 280 304	24000M -20C		155 1421 1771	00+31 04:60 07+28	04:60		
.TP 16	N 34 30.00 W136 30.00	DROP #7 unk 15.1E		0	350 335	260/040 -8	341 15.1E 327	188 279 275	24000M -20C		137 1558 1633	00+30 05:29 06+58	05:29		
.TP 17	N 36 00.00 W138 15.00	DROP #8 unk 15.5E		0	317 302	260/040 -7	310 15.5E 295	187 277 253	24000M -20C		124 1683 1509	00+29 05:59 06+28	05:59		

ROUTE NAME: A:\WSRP45.rte

FORM: MPLAN_HL.FRM ver 1

FIX	ROUTING	STATION	HDG	TC	TRUE	HDG	DIST	TIME	ETA	ATA	RMK
WPT	LAT	ELEV	FREQ	BANK	W/V	TRUE	CAS	SPN ALT	ZD	ZONE	
	LONG	VAR		MC	DRIFT	MAG	GS	TURN	TD	TT	
								TEMP	TDR	TTR	
.TP 18	DROP #9		0	300	260/045	294	186	24000M	124	00+31	06:30
	N 37 00.00	unk				15.6E	276		1807	06:30	
	W140 30.00	15.6E		284	-6	278	240	-20C	1385	05+57	
.TP 19	DROP #10		0	271	260/045	269	185	24000M	120	00+31	07:01
	N 37 00.00	unk				15.4E	275		1927	07:01	
	W143 00.00	15.4E		255	-2	253	230	-20C	1265	05+26	
.TP 20	DROP #11		0	248	260/050	250	184	24000M	117	00+31	07:33
	N 36 15.00	unk				15.0E	273		2044	07:33	
	W145 15.00	15.0E		233	2	235	224	-20C	1148	04+55	
.TP 21	DROP #12		0	241	260/050	244	176	29000M	125	00+37	08:09
	N 35 15.00	unk				14.4E	285		2169	08:09	
	W147 30.00	14.4E		226	3	230	237	-30C	1023	04+18	
.TP 22	DROP #13		0	224	260/050	230	173	30000M	125	00+31	08:40
	N 33 45.00	unk				13.8E	286		2294	08:40	
	W149 15.00	13.8E		210	6	216	244	-30C	898	03+47	
.TP 23	DROP #14		0	220	260/050	227	172	30000M	117	00+29	09:08
	N 32 15.00	unk				13.2E	285		2411	09:08	
	W150 45.00	13.2E		207	6	213	245	-30C	781	03+19	
.TP 24	DROP #15		0	217	260/050	224	172	30000M	130	00+32	09:40
	N 30 30.00	unk				12.6E	284		2541	09:40	
	W152 15.00	12.6E		203	7	210	246	-30C	650	02+47	
.TP 25	DROP #16		0	217	270/050	225	171	30000M	131	00+31	10:12
	N 28 45.00	unk				12.0E	283		2672	10:12	
	W153 45.00	12.0E		204	8	213	250	-30C	520	02+15	
.TP 26	DROP #17		0	213	270/050	221	170	30000M	124	00+30	10:41
	N 27 00.00	unk				11.6E	281		2796	10:41	
	W155 00.00	11.6E		201	9	209	251	-30C	395	01+46	
ZURIC/W	FIR / ADIZ		0	209	280/060	220	169	30000M	66	00+16	10:57
	N 26 01.94	unk				11.3E	280		2862	10:57	
	W155 35.35	11.3E		197	12	209	255	-30C	329	01+30	
APACK/W	KMKK/R004180		0	198	280/050	198	N/A	24000M	126	00+29	11:25
	N 24 02.62	unk 108X				10.9E	N/A		2988	11:25	
	W156 19.17	10.9E 116.1		187	0	187	N/A	-20C	204	01+02	
TOADS/W	TOADS		0	195	280/050	195	N/A	18000M	79	00+19	11:44
	N 22 46.16	unk				10.6E	N/A		3067	11:44	
	W156 41.76	10.6E		185	0	185	N/A	-8C	124	00+43	
MAGGI/W	MAGGI		0	195	290/030	195	N/A	11000M	58	00+14	11:58
	N 21 50.43	unk				10.4E	N/A		3125	11:58	
	W156 57.94	10.4E		185	0	185	N/A	+8C	67	00+29	
BAMBO/W	BAMBO		0	230	290/020	230	N/A	5000M	40	00+10	12:08
	N 21 24.99	unk				10.3E	N/A		3165	12:08	
	W157 30.60	10.3E		220	0	220	N/A	+18C	27	00+19	
GRITL/W	GRITL		0	230		230	210	4000M	8	00+02	12:11
	N 21 19.66	unk				10.3E	226		3173	12:11	
	W157 37.40	10.3E		220	0	220	226	+18C	19	00+17	
CKH/W	KOKO HEAD		0	230		230	210	4000M	6	00+02	12:12
	N 21 15.91	640 086X				11.0E	226		3179	12:12	
	W157 42.18	11.0E 113.9		220	0	220	226	+18C	13	00+15	
PHIK/A	HONOLULU INTL		0	284		284		13M	13	00+15	12:27
	N 21 18.97	13				10.3E			3192	12:27	
	W157 55.60	10.3E		273	0	273		+28C	0	00+00	

ROUTE NAME: A:\WSRP45.rte

FORM: MPLAN_HL.FRM ver 1