

19950825H1-FDIR

950828H N42RF HRD Hurricane Iris XCDX

<u>Sensor or system</u>	<u>Number or Name</u>
INE	1 (See note)
Accelerometer	1
Temperature Probe	1
Dew Point Probe	1
Altimeter	APN-159
Altitude change option (for vertical winds)	RA
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage
Time Source	Micro 99
Constants File	CO2951.CON

Notes:

INE 1 positions were corrected periodically with good GPS positions. No corrections were made to groundspeeds.

JW Liquid Water instrument inoperative during this flight.

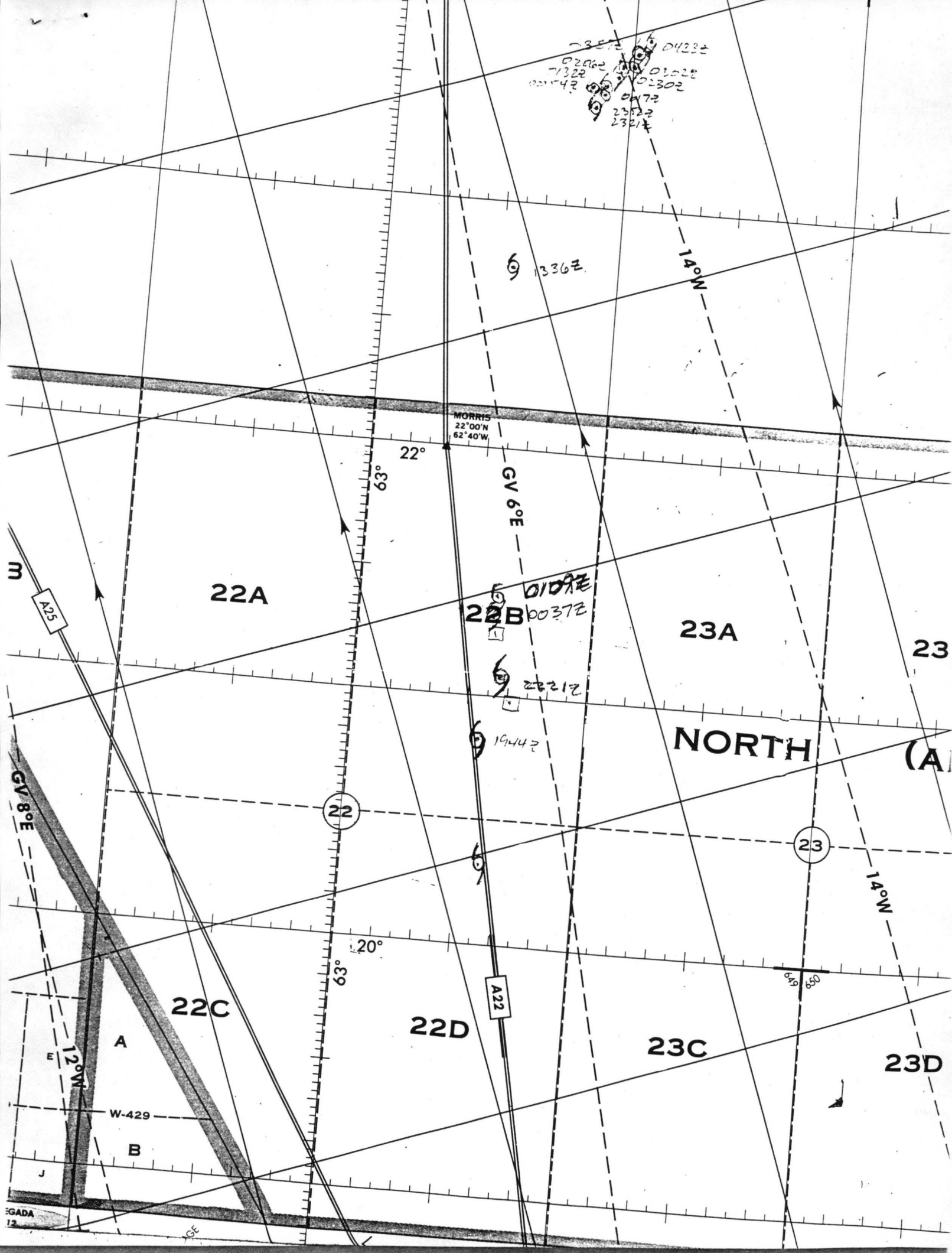
Special note. Locations 80, 81 and 82 of the Type 5 record on the Standard Tape contain vertical groundspeed, vertical airspeed and vertical wind, respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

Jack Parrish, Flight Director

950828H

IRIS XCDX Experiment

Time	LAT	LONG	TR	WD	WS	MA	GA	TA	TD	SP	PS				
1707	1304.7	59722	54			59		31.1	25.9		1003.2				
171830	1305.4	5925.1	79	171	15.8	303	713	23.8	21.0	1012.6	967.6	1			
172150	1313	5922	294	170	13.2	1522	1608	18.9	12.0	1013.0	828.4	7			
173945	1400	6022	306	192	14.1	4208	4445	3.4	-1.2	1009.5	599.8	—			
1757	1444	6125	305	196	14.7	4208	4442	2.4	0.1	1010.7	599.8				
180845	1508	6210	297	211	12.7	4210	4439	3.1	-0.7	1009.1					
182315	1549	6302	309	209	17	4210	4435	3.7	-7.7	1008.3	599.7				
184530	1650	6420	306	206	14.9	4210	4428	3.5	-23.6	1007.8	599.7				
184730	1656	6434	309	209	11.8	4210	4426	4.2	-6.3	1007.1	599.7	AT	PT 1 (END AT)		
185915	1745	6411	30	233	15.7	4210	4425	3.5	-3.0	1008.8					
1918	1904	6322	32	265	27.6	4209	4417	4.6	-10.3	1004.6	599.7				
192715	1942	6257	33	270	20.2	4209	4395	4.1	—	1002.2	600.1				
1944	2048	6226						9.5	2.0	982		5			
202530	2332	6046	31	176	21.2	4206	4437	3.4	0.0	1008.7	100.1				
2037	2413	6015	2	177	17.4	4205	4445	2.3	1.8	1011.3	600.1	AT	PT 2		
205030	2415.4	6116.5	266	129	17.4	4209	4446	2.3	1.1	1011.0	599.2				
2100	2413.3	6208.2	267	107	16.6	4205	4426	2.9	1.0	1009.0	600.1				
2113	2412.8	6311.0	270	90	20.5	4208	4438	3.4	0.4	1002.5	599.9				
213030	2407.6	6441.4	147	88	11.6	4207	4438	2.6	1.4	1010.0	600.0	PT 3			
214230	2321.5	6409.7	147	58	14.0	4207	4431	3.1	2.0	1008.0	599.9				
215230	2243	6343	147	71	20.1	4206	4418	2.4	2.3	1002.1	1002				
220745	2148	6306	140	42	30	4204	4391	3.6	3.0	1003.0	600	GOMI OUT			
22217	2157	6224								982	599.8	9	DATA		
2241	1852.5	6136.1	149	218	33.1	4208	4420	3.6	-3.6	1006.7	599.8				
2255	1901	6103	150	222	25	4204	4436	3.4	0.3	1006.4	599.9				
230530	1821	6042	151	218	25.8	4207	4446	3.9	-4.3	1009.5	600.0				
2316	1741	6020	151	214	21.7	4207	4451	4.4	-1.3	1009.6	600.0	SE TURN	PT		
2326	1755	5956	29	205	23.7	4207	4454	3.4	1.2	1010.1	599.9				
2342	1859	5913	27	206	23	4208	4454	3.6	0.8	1009.9	599.9				
2352	1942	5847	29	204	18.3	4209	4458	2.8	0.5	1011.7	599.9				
0005	2035.4	5817.4	25	206	17	4207	4458	2.8	0.5	1012.0	600.0				
001207	2104	5802	2	190	14	4205	4456	2.6	-0.6	1012.4	600.1	E AT			
002345	2106	5856	256	198	30.7	4209	4451	2.8	-4.2	1011.5	599.8				
0044	2114	6031	275	185	43	4209	4438	2.6	-1.6	1010.2	600.0				
0109	2123	6224								982		9			
0131	2124	6408	372	8	21.5	4206	4427	3.1	3.8	1007.7	599.9				
013430	2124.5	6411	TURN AT	70	70	70	70								
015130	2005.6	6431.2	184	324	8.3	5483	5803	-3.8	-5.5	1006.3	506.3	-18K			
020115	1917	6434	183	282	1.8	5483	5805	-3.1	-11.5	1006.1	506.2				
021030	1836	6436	179	245	13	2923	3352	11.0	-3.9	1011.9	7239	4			
021815	1804	6439	185	255	14	1411	1476	18.8	16.8	1012.1	858	4			
022830	1740	6459	2	287	8.5	731	768	22.1	22.1	1013	928				
0237	1742	6448.5				17		27.2	23.8		1011.2	15LK			



MISSION	1215
---------	------

STRONG

M^cQm

PARRISH

17002, 1717

8/28/95

[illegible]

