

19880916HI-AXBT

951 mb
0614 22 56.9
94 44.0

①

AXCP Log

Flight Number 880916HI
 Storm Name Gilbert
 Storm Direction/Speed 285/13kt
 Take-off Time 0215 Z
 Landing Time _____

Leg #	Out/In	RA (m)	PMIN (mb)	VMAX (m/s)	RMAX (km)	Time PMIN	Time VMAX	Time End Pass

#4: FL 5000' ~ 1500 m
88

Leg/Drop No.	Ch. No.	Launch Tube No.	Serial No. (S/F)	Counter No. ²		IAS/VAS		Actual Drop Time	Latitude	Longitude	Status SST		Comments
				Small	Big	Ground Speed	Predicted Drop Time				Good	Bad	
GIL2 ①	1/1	12	FF	312	A-1 000	A-1 000	183 204	041515	24 23.5	89 18.4	✓	(27.5)	canin - no noise drop
GIL2 ②	1/2	14		177	177	206	183 203	043237	23 51.2	90 11.4	✓	(27.4)	C-3350, 3430
	1/3	16		232	301	352	204 185	044123	23 32.7	90 37.6	✓	(25.9)	4220, 4305 22,3 90.5
	1/4	12		22A	405	470	205 185	045459 ←	23 11.0	91 14.0	✓	(25.0)	5601, 5645 23,06; 91 8
	1/5	14		225	B-1 000	B-1 000	202 183	051235	23 44.7	91 54.3	✓	(25.8)	1344, 1422 22,42; 91 8
	1/6	16		315	000	000	184	052801	22 22.3	92 27.7	✓	25.9	2911, 2957 2218, 9224
	1/7	12		318	130	153		054435	22 02.3	93 03.2	✓		NC 2200, 9300
	2/8	14		236	"	"	184	054758	22 07.3	93 13.6	✓		4905, 4920 2218, 9348
	2/9	16		317	271	318		055730	22 27.2	93 45.5	✓		NC 2248, 9442
GIL2 ③	3/9	12		229A	318	374	186	061520	22 57.1	94 41.2	✓	(27.4)	1629, 1705
AXBT ④	3/10	14		220	A-2 000	A-2 000	201 183	062907	23 24.2	93 53.4	✓	(26.9)	063000, 3057 2306, 9356 will break early
	3/11	16		314	135	000		063559	23 38.2	93 28.4	✓		NC 100 kt

¹S = slow fall; F = fast (regular) fall.

²Analog tape counter: small = Marantz unit; big = JVC unit.

AXCP Log

Flight Number 89091641
 Storm Name Gilbert
 Storm Direction/Speed _____
 Take-off Time _____
 Landing Time _____

Leg #	Out/In	RA (m)	PMIN (mb)	VMAX (m/s)	RMAX (km)	Time PMIN	Time VMAX	Time End Pass

Leg/ Drop No.	Ch. No.	Launch Tube No.	Serial No. (S/F)	Counter No. ²		TAS/EAS Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status		Comments
				Small	Big						Good	Bad	
030244	3/12	12	FF	190	185	067	183		064615	2357.0	9253.7	✓	NC 98kt
GIL 2 11	3/13	14	88	173	224	125	184	✓	065311	2409.5	9229.9	✓	(27.0) 5410, 5456 500m 85kt
AXBT 14	3/14	16		308	342	286	184		070219	2427.0	9155.8	✓	0311, — 2423 9200
15	3/15	12	✓	198	390	349	174/192		071434	2452.5	9109.0	✓	(27.5) 1534, 1630 500m 2448 9106
not on disc	3/16	14		214	456	433	182		072033	2503.6	9047.8	✓	2138, 2225
17	3/17	14		228									
GIL 17	3/17	14	✓	201	B-2 000	B-2 000	183		073106	2518.3	9019.0	✓	(27.6) 3205, 3250 40kt
GIL 2 18	3/18	12	✓	166	000	000			074603	2601.5	9100.9	✓	(28.2) 4702, 4750
2 19	4/19	14	✓	228	132	153	185		075645	2544.4	9136.5	✓	(27.6) 5745, 5831 65kt
20	4/20	16	✓	311	254	295	181		081623	2509.2	9237.8	✓	(28.3) 1723, 1811 80kt 2504 9235
21	4/21	12	✓	176	A-3 000	A-3 000	181		082647	2450.7	9311.6	✓	(27.9) , 2832 91kt 2450 9306
22	4/22	14	✓	227A	179	202	178/191		084128	2424.5	9401.4	✓	(27.1) 4226, 108kt 2330 9354 4336

¹S = slow fall; F = fast (regular) fall.
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3

AXCP Log

75% success

Flight Number 880916H1

Storm Name _____

Storm Direction/Speed _____

Take-off Time _____

Landing Time _____

Leg #	Out/In	RA (m)	PMIN (mb)	VMAX (m/s)	RMAX (km)	Time PMIN	Time VMAX	Time End Pass

A-3 A-3

AXBT 23

Leg/Drop No.	Ch. No.	Launch Tube No.	Serial ¹ No. (S/F)	Counter No. ²		Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status		Comments
				Small	Big						Good	Bad	
3/14	12		219	286	331			092526	2424.91	54.1	✓	(270)	2631, 2712 largest wave signal 9 in a row!

¹S = slow fall; F = fast (regular) fall.
²Analog tape counter: small = Marantz unit; big = JVC unit.

Raw Data File Name: #4:GIL2
 Process data file name: #4:GLP2

Subst 1+2: Pre-storm, storm 880914H, 1614

Serial No.	File name/ #	Gcca	Gcova	Gefa	Gevfa	Gcvfa
8710140	GIL2 1441/#⑤	1728	897	24689	498	494
→ 88312	GIL2-1 1641, #①	1838 ✓✓	898	24787	503	495
88177	②	1832 ✓✓	897	24728	500	482
88232	③	1811 ✓✓	905	24798	496	492
88222 ^(22A)	④	1812 ✓✓	908	24766	500	492
88225 ✓	⑤	1837 ✓	898	24702	500	492
88 225 315	⑥	1840 ✓	909	24910	502	494
88229A	GIL2-9 ⑨	1839 ✓✓	901	24720	498	494
88220	GIL210 ⑩	1838 ✓✓	900	24840	501	493
88173	GIL211 ⑪	1839 ✓✓	803	24849	500	496
had 88308	12	1852	912	24926	503	495
88198	⑮	1836 ✓	902	24833	496	492
88214	16	1798	File Not Found 897	24766	500	492
88201	17	1836 ✓	898	24887	500	492
88166	18	1807 ↓	896	24979	500	492
88228	19	1833 ✓	899	24975	500	496
88311	20	1856 ✓	913	24953	498	498
88176	21	1851 ✓	908	24870	500	496
88227(A)	22	1806 ✓	906	24964	501	497
88219	23	1788 ✓	883	24973	496	492

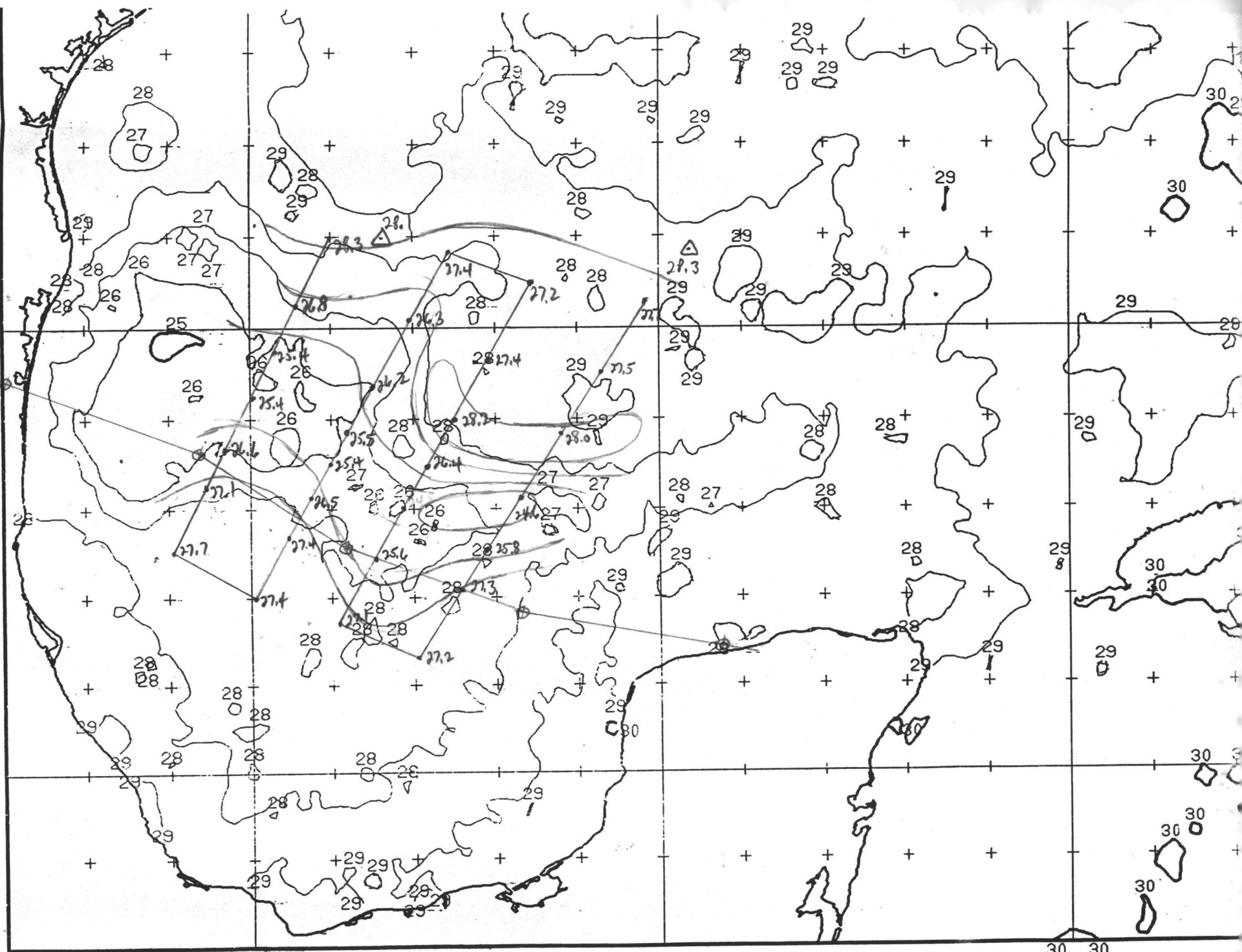
25N

20N

95W

90W

30 30
85W

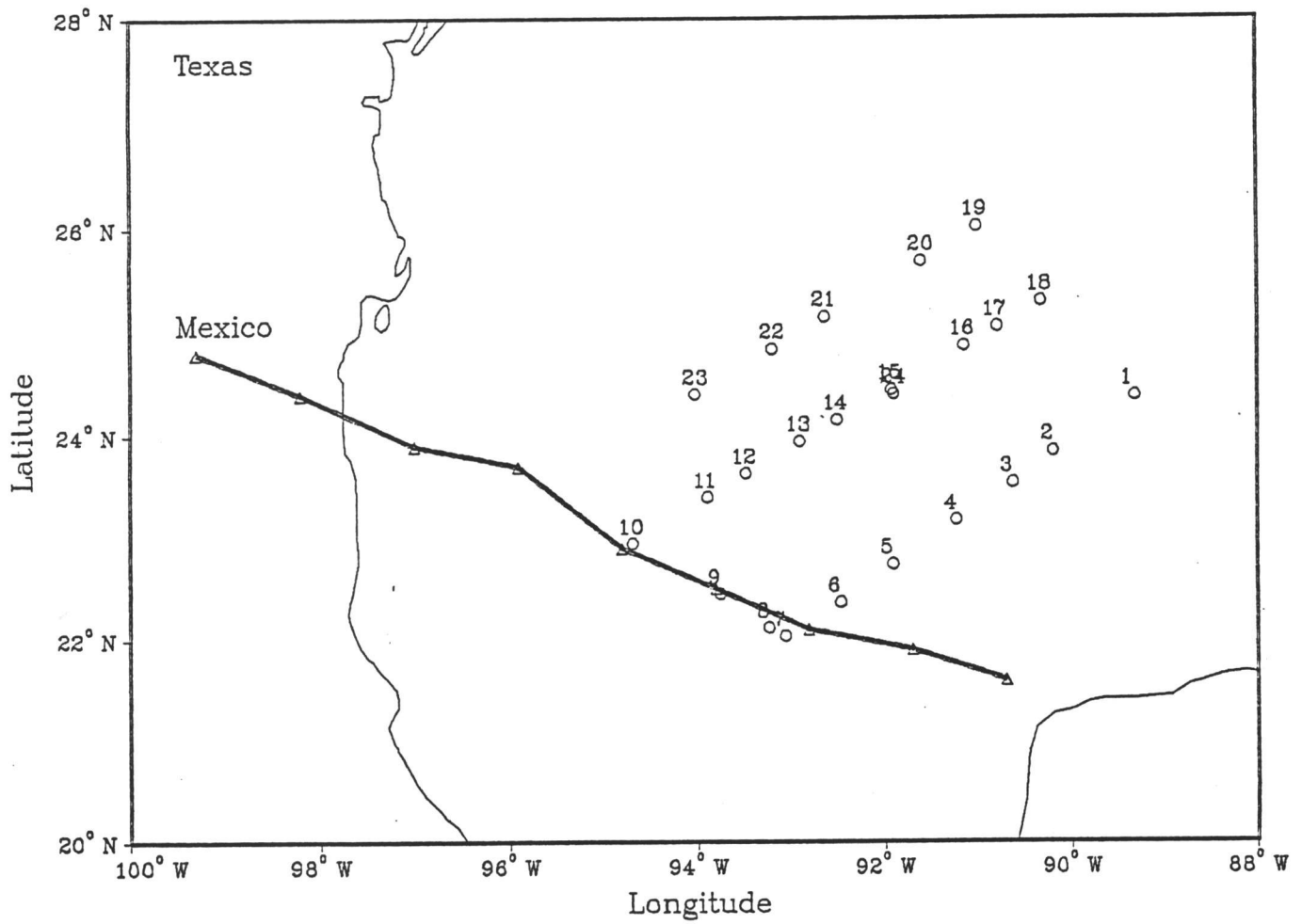


AND ATMOSPHERIC

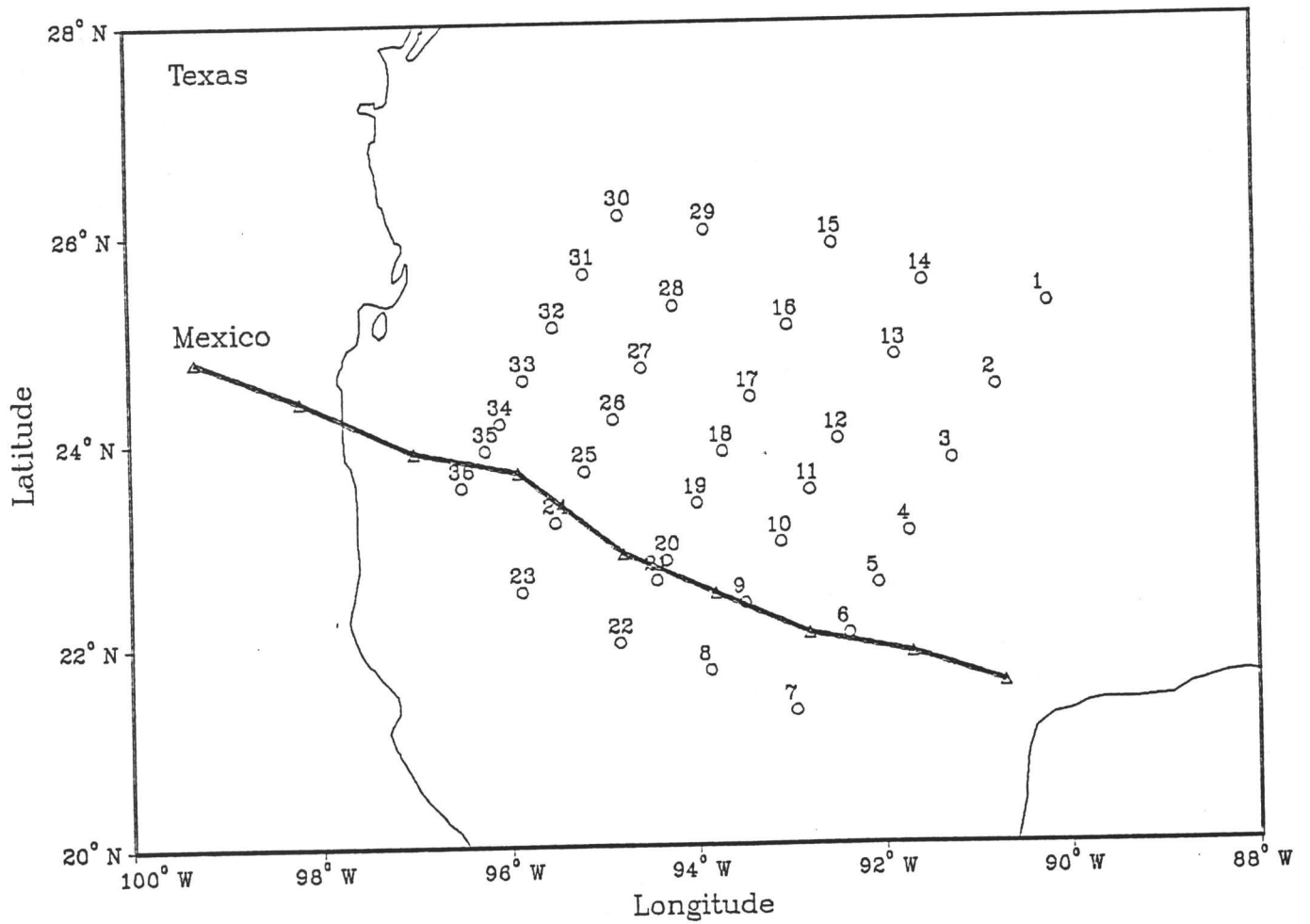
GULF OF MEXICO

9/20/88

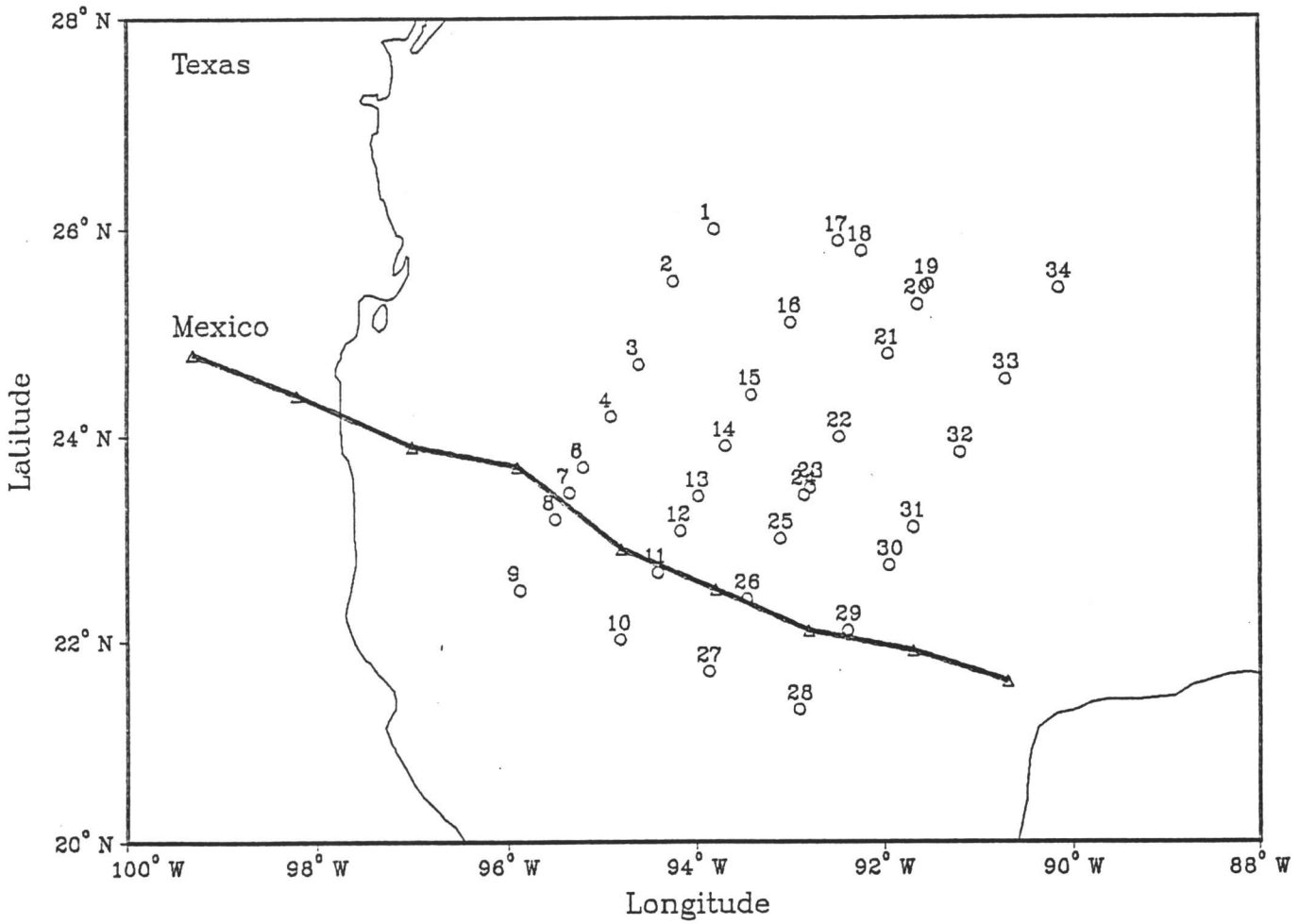
STORM RESEARCH FLIGHT ON 16 SEPT. 1988



WAKE 1 RESEARCH FLIGHT ON 17 SEPT. 1988



WAKE 2 RESEARCH FLIGHT ON 19 SEPT. 1988



22 AXCP'S

950 97kt 45mm

① 24.4 89.3

80 E

② ~~21.2~~ 22.0 ~~94.3~~ 93.0

70kt 100 W

③ 22.7 94.7

arr pt 0415Z
0430

④ 25.3 90.3

⑤ 26.0 91.0

⑥ ~~23.5~~ 24.4 25.0 end

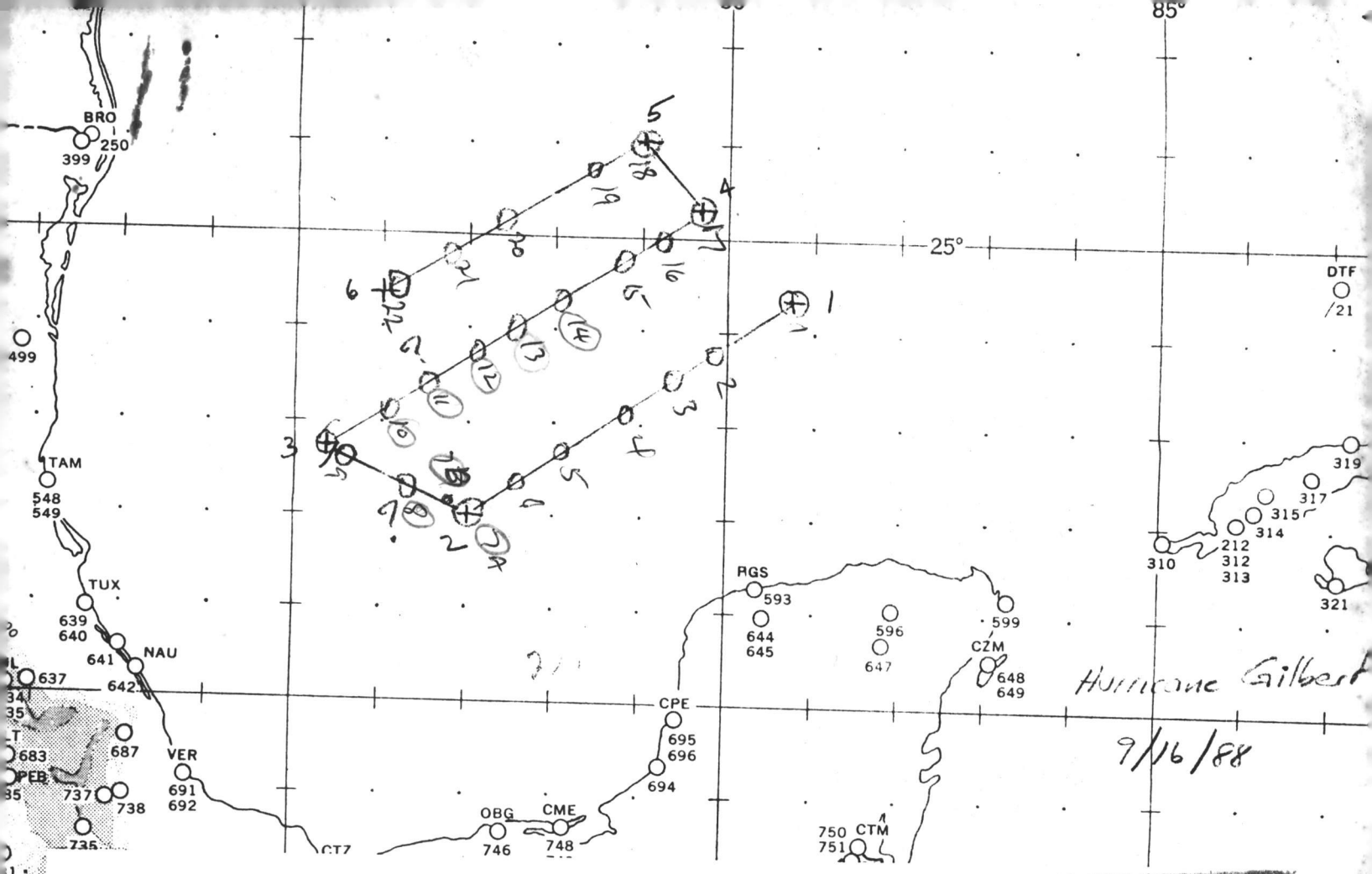
⑦ 24.8 95.0

⑧ 26.5 92.0

1250

1+45
6+45
2+15

6+15



0028 — 22/32N 93/45W

Form E-2
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E. I. Proposed Flight Pattern (sketch or designate by number)

- ① 24.4 89.3
- ② 22.0 93.0
- ③ 22.7 94.7
- ④ 25.3 90.3
- ⑤ 26.0 91.0
- ⑥ 24.4 94.0
- ~~⑦ 24.8 95.0~~ ~~26.0 93.0~~
- ~~⑧ 26.5 92.0~~