

19880914H2-AXBT

14/ 8710140
16/ 8710075
GILBERT

①

AXCP Log

Flight Number 880914H2

Storm Name Gilbert - Pre

Storm Direction/Speed _____

Take-off Time 1752

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		IAS Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status		Comments
				Small	Big						Good	Bad	
1	12	FP				200		184604	24588	88033	✓		28.7
								184800				28.7	
								184835				22.0	
2	14	"				200		185465	2441.6	8839.7	✓		
3	12	"				200		190241	24254	8919.1	✓		28.7
								6425				28.3	
								0550				22.0	
4	14	"						191143	2454.0	8939.3	✓		
5	14		871040	000	000	190		192147	2521.4	9004.2	✓		28.3 2319
5	16			059, 074-135				192130	2522.2	9002.5	✓		28.3 28.3
6	12							192706	2510.0	9027.0	✓		22.0 28.3
								2900			✓		28.3

MLD 200

38 100

15 116

32

53 177

37 231

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

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

GILBERT

14/4237
16/4211

(2)

AXCP Log

Flight Number 88091442
 Storm Name Pro-Silbert
 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		Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status		Comments
				Small	Big						Good	Bad	
				200									MLD 20°C
GILL-3	7	16	10075	186				193421	2453.5	9057.4		✓	
	7	14						1934				✓	
	8	14						194015	2439.0	9114.7	✓		28.1 194228.1 29 275
	9	14						194504	2431.1	9058.4	✓		28.1 194040
	10	16						195120	2419.7	9037.1		✓	28.2 37 275
GILL-4	11	14	4237	267	000			200000				✓	28.8 49 164
	11							200039	2402.2	9016.3	✓		28.8 200250 28.4 74 220
	12	16						200658	2348.2	9042.1	✓		28.7 2008 28.6 49 161
GILL-5	13	16	4211	343	131	carrier (quiet)		201600				✓	const tone only
	13	14						201542	2332.6	9118.5	✓		28.8 201740 28.7 40145

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

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

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AXCP Log

Flight Number 880914/12/8710138

Storm Name Fre - 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		Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status		Comments
				Small	Big						Good	Bad	
													28.3 32 219
14	12						202317	23541	9133.2		✓		28.3 202500
15							202930	24124	9146.3		✓		28.3 6 254
16	14			489			203335	2414.6	9202.0		✓		
16	12		10139	438	264		203400				✓	quieting, no mod	
17				487			204100	2358.8	9233.0		✓		28.3 204324 34 220
18	12		10138	000	484		204752	2442.3	9248.9		✓		
18	14						204750				✓		28.9 35 -
19							205444	2322.6	9233.2		✓		
20							210300	2257.0	9218.9		✓	new plastic	28.8 34 140
													28.8 210400
21							211020	2235.3	9244.9		✓		29.0 38 138

(21-16)

-8

-8

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

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

no 1 sec list

- MK-10 probe: ① built in test failure 3 times
 ② plot stops prematurely, then writes data ④
 ③ printer default = γ , should be N
 ④ refresh on screen for plot is too rapid!

AXCP Log

Flight Number 88091442
 Storm Name Fre-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		IAS Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status		Comments
				Small	Big						Good	Bad	
22						200	2119:58		22 16.3	93 19.3	✓		old 29.0 29.1
23							2138:12		23 06.4	93 54.2	✓		old 28.8 28.7
24							2156:35		24 1.0	94 26.7	✓		old 28.8 28.8
25							2208:16		24 23.	93 53.4		✓	
26							2222:27		24 50.7	93 12.7	✓		28.8 28.8
27							2230:59		25 3.9	92 47.9	✓		28.7
28							2238:39		24 53.3	92 21.0	✓		28.5
29							2246:49		24 41.2	91 53.70	✓		28.3
30							2253:40		24 34.3	91 33.0	✓		28.2
31							2259:59		24 54	91 29.4		✓	
32							2306:16		25 17.5	91 29.8	✓		28.3
33							2315:34		25 41.6	91 28.3	✓		28.3

M21) 20c
 34 153
 2735
 38 130
 23 127
 35 110
 34 114
 44 199
 31 244
 31 234
 38 222
 34 222

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

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AXCP Log

Flight Number 88091442
 Storm Name Ire - 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

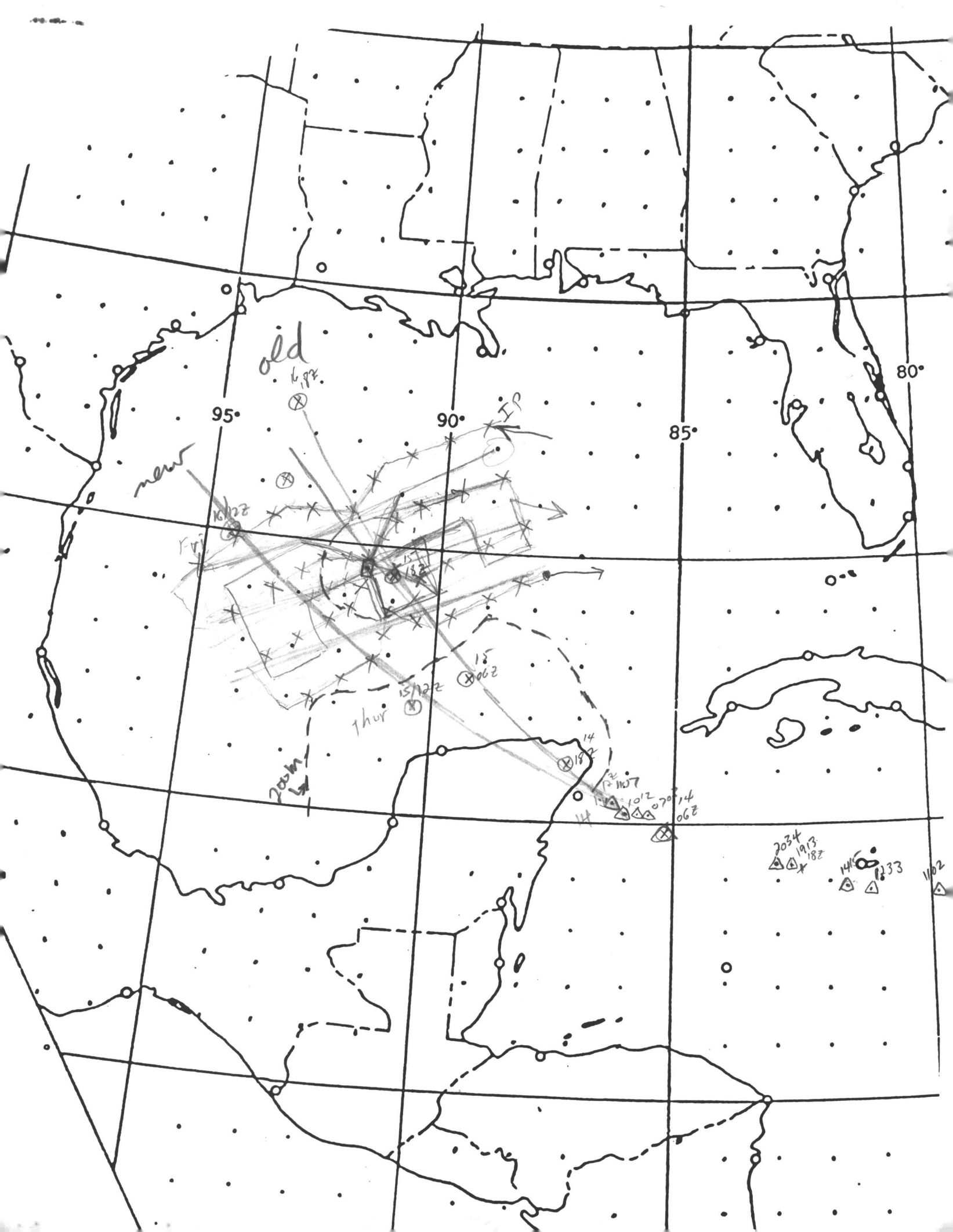
Leg/Drop No.	Ch. No.	Launch Tube No.	Serial No. (S/F)	Counter No. ²		Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status		Comments
				Small	Big						Good	Bad	
34							23 29 03		26 5.8	90 46.1	✓		28.3
35							23 43 12		26 21.6	90 22.3	✓		28.2
36	12						23 57		26 29.1	89 17.0	✓		28.2
37	10						00 08 00		26 1.2	89 56	✓		27.9

MLD 20C
 50 172
 26 69
 23 61

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

AXBT/AXCP JUNQUE FLIGHT

IP:	1.	25.0 N	88.0 W	26.	24.8	93.2
	2.	24.8	88.8	27.	25.1	92.8
	3.	24.4	89.3	28.	24.9	92.1
	4.	24.9	89.8	29.	24.8	91.9
	5.	25.4	90.0	30.	24.5	91.5
	6.	25.2	90.5	31.	24.9	91.5
	7.	25.0	91.0	32.	25.3	91.5
	8.	24.7	91.3	33.	25.8	91.5
	9.	24.5	91.0	34.	26.0	91.0
	10.	24.3	90.7	35.	26.3	90.1
	11.	24.1	90.2	36.	26.7	89.3
	12.	23.9	90.8	37.	26.0	89.0
	13.	23.5	91.3			
	14.	23.9	91.5			
	15.	24.2	91.7			
	16.	24.3	92.0			
	17.	24.1	92.5			
	18.	23.8	92.9			
	19.	23.4	92.5			
	20.	23.0	92.2			
	21.	22.6	92.8			
	22.	22.2	93.3			
	23.	23.0	94.0			
	24.	24.0	94.5			
	25.	24.3	93.9			



Pete Black

880914H GILBERT RESEARCH

AXBT

DROP	CHANNEL	LOT	Position		Time	REMARKS
1	12	012 ¹⁶⁸⁴⁸	25.0N	88.0W	1845Z	GOOD
2	14	7	24.41N	88.40W	1854Z	?
3	12	C	24 26.6N	89 19.0W	1902Z	GOOD
4	14	10	24 54.6N	89 39.7W	1911Z	No GOOD
5	16	11	25 21.0N	90 05.6W	1921Z 2155Z	GOOD
6	12	012	25 8.2N 25 20.0N	90 28.3W 90 28.3W	1927Z	GOOD
7	14	10	25 52.8N	90 59.1W	1934Z	No GOOD
8	16	11	24 38.8N	91 14.4W	1940Z	GOOD
9	14	7	24 31.0N	90 58.1W	1945Z	GOOD
10	16	11	24 19.0N	90 36.0W	1951Z	No GOOD
11	12	C	24 00.7N	90 19.0W	2000Z	GOOD
12	16	11	23 48.1N	90 43.2W	2007	GOOD
13	14	13	23 33.9N	91 19.6W	2015	GOOD
14	12	C	23 55.5N	91 33.3W	2023	GOOD
15	16	11	24 12.4N	91 46.4W	2029	GOOD
16	14	13	24 13.7N	92 03.8W	2033Z	GOOD
17	16	11	23 59.8N	92 31.6W	2041	GOOD
18	14	006	23 43.5N	92 49.7W	2047	GOOD
19	12	012	23 22.8N	92 33.1W	2054	No GOOD
20	14	006	22 58.2N	92 17.7W	2102	GOOD
21	16	9	22 35.2N	92 44.3W	2110	GOOD
22	12	C	22 16.1N	93 19.3W	2120	GOOD

AXCPis

1	14	8700-140	25 20.0N	90 05.8W	1921Z 2155Z	GOOD
2	16	8710-75	25 52.8N	90 59.1W	1934Z	No GOOD
3	14	4230 4327	24 00.7N	90 19.0W	2001Z	No GOOD
4	16	4211	23 33.9N	91 19.6W	2016Z	No GOOD
5	12	8710139	24 13.7N	92 03.8W	2033	GOOD
6	12	8710138	23 43.5N	92 49.7W	2047	No GOOD
7						
8						
9						
10						

(OVER)

86094H GILBERT RESEARCHAXBT

<u>DROP</u>	<u>CHANNEL</u>	<u>LOT</u>	<u>Position</u>	<u>Time</u>	<u>REMARKS</u>
23	14	13	23 06.4N 9354.2W	2138Z	GOOD
24	16	11	24 00.8N 94 27.0W	2156Z	GOOD
25	12	C	24 24.0N 93 53.0W	2208Z	NO GOOD
26	12	012	24 50.8N 93 12.5W	2222Z	GOOD
27	14	13	25 03.9N 92 47.8W	2238Z	GOOD
28	16	9	24 53.1N 92 21.0W	2238Z	GOOD
29	14	13	24 41.2N 91 53.5W	2246Z	GOOD
30	12	C	24 34.4N 91 33.0W	2253Z	GOOD
31	16	11	24 54.2N 91 29.4W	2259Z	GOOD
32	12	002	25 16.1N 91 29.8W	2306Z	GOOD
33	14	13	25 47.7N 91 27.9W	2315Z	GOOD
34	16	9	26 06.0N 90 45.8W	2329Z	GOOD
35	12	C	26 24.8N 90 00.9W	2343Z	NO GOOD
36	12	C	26 36.2N 89 18.2W	2357Z	GOOD
37	16	11	26 01.2N 88 56.6W	0008Z	GOOD

880914H

AXBT/AXCP JUNQUE FLIGHT

IP:	1.	25.0	N	T	88.0	W	26.	24.8	93.2
	2.	24.7			88.62		27.	25.1	T 92.8
	3.	24.4		T	89.3		28.	24.9	92.1
	4.	24.9			89.62		29.	24.8	92.9
BT + CP After Turn	5.	25.4		T	90.0		30.	24.5	T 91.5
	6.	25.2			90.54		31.	24.9	91.5
	7.	25.0 24.9			90.0 90.85		32.	25.3	91.5
	8.	24.7			91.3		33.	25.8	T 91.5
	9.	24.5			91.0		34.	26.0	91.0
	10.	24.3			90.7		35.	26.3	90.1
	11.	24.1		T	90.2		36.	26.7	T 89.3
	12.	23.9			90.8		37.	26.0	T 89.0
	13.	23.5		T	91.3				Home
	14.	23.9			91.5				
	15.	24.2		T	91.7				
	16.	24.3			92.0				
	17.	24.1			92.5				
	18.	23.8		T	92.9				
	19.	23.4			92.5				
	20.	23.0		T	92.2				
	21.	22.6			92.8				
	22.	22.2		T	93.3				
	23.	23.0			94.0				
	24.	24.0		T	94.5				
	25.	24.3			93.9				

IF bad return to pt. and re-drop BT

IAS 190 for AXCP drop
hold 200 for BT drops

AXCP Log

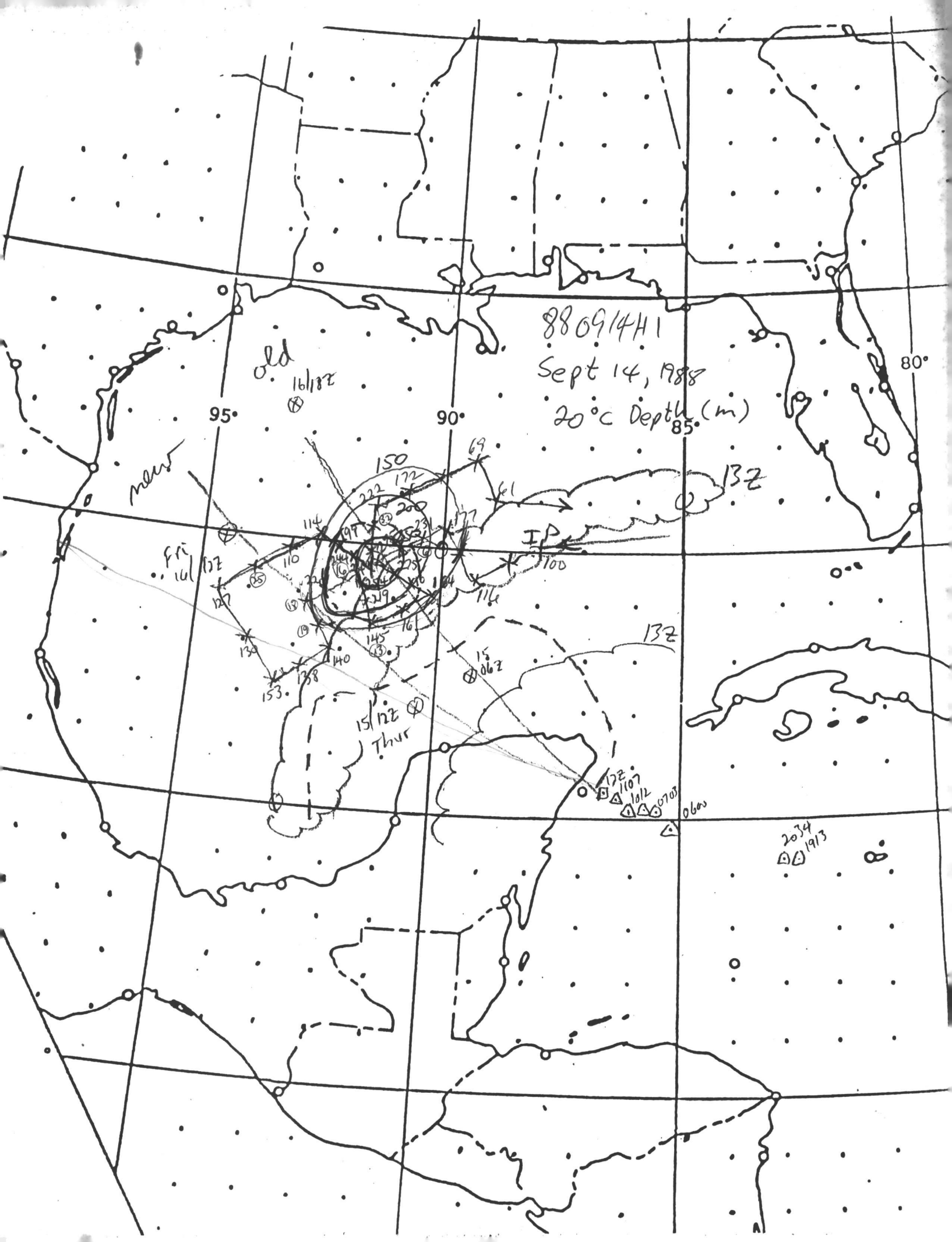
Flight Number 880914H 242
 Storm Name Gilbert - Pre
 Storm Direction/Speed _____
 Take-off Time 1715Z
 Landing Time _____

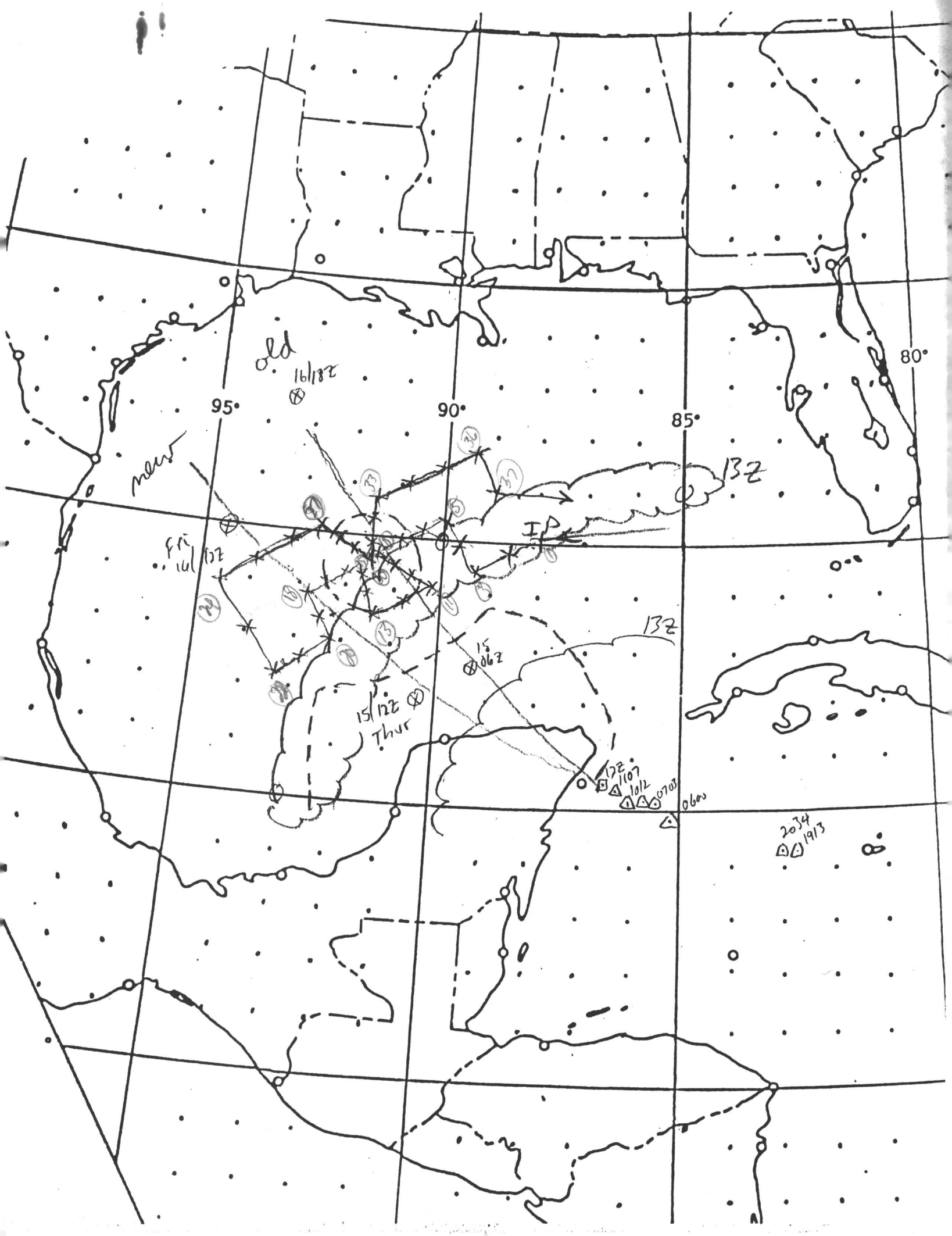
Leg #	Out/In	RA (m)	PMIN (mb)	VMAX (m/s)	RMAX (km)	Time PMIN	Time VMAX	Time End Pass

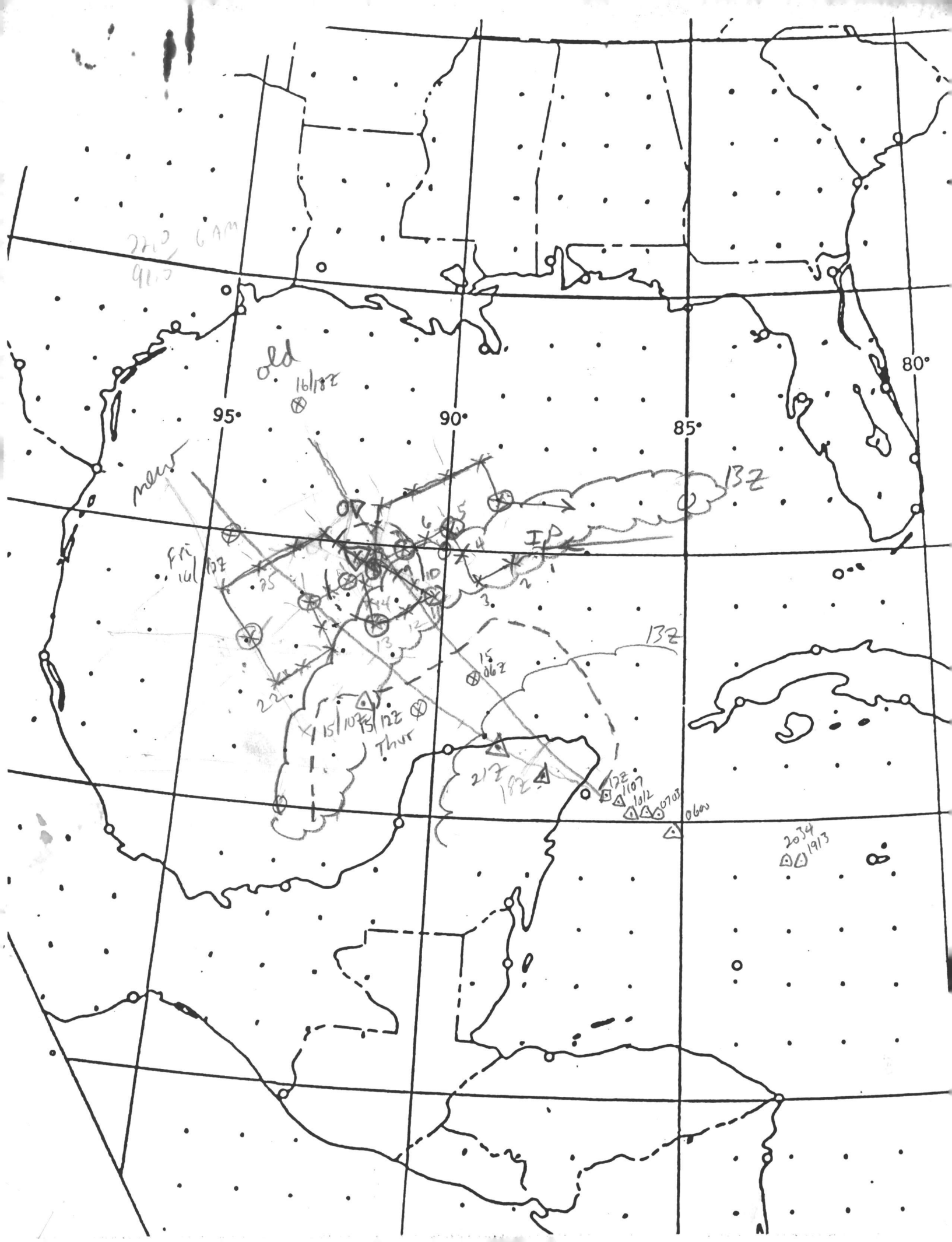
Leg/Drop No.	Ch. No.	Launch Tube No.	Serial ¹ No. (S/F)	Counter No. ²		Ground Speed	Predicted Drop Time	Actual Drop Time	Lat ^{0W}	Lon ^W	Status		Comments
				Small	Big						Good	Bad	
Pre/1	14		140				1927Z		25.82	90.28			GOOD
1/2	16		075				1934Z		24.52	90.57.2			RF Quiet/No signal
1/3	14		4237				2000Z		24.1.2	90.18.5			BAD
1/4	12		4211										BAD / T(?)] Old
1/5	12		139				2033		24.12	92.7			GOOD!
1/6	12		138				2048		23.40	92.47			
1/7													
1/8													
1/9													
1/10													

N 8710
 W 8710
 0

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







2710 6 AM
91.5

old
16/182

new

PR
10/132

IP

13Z

13Z

15/107/122
Thur

217
192

172
1107
1012
0703

0600

2034
1913

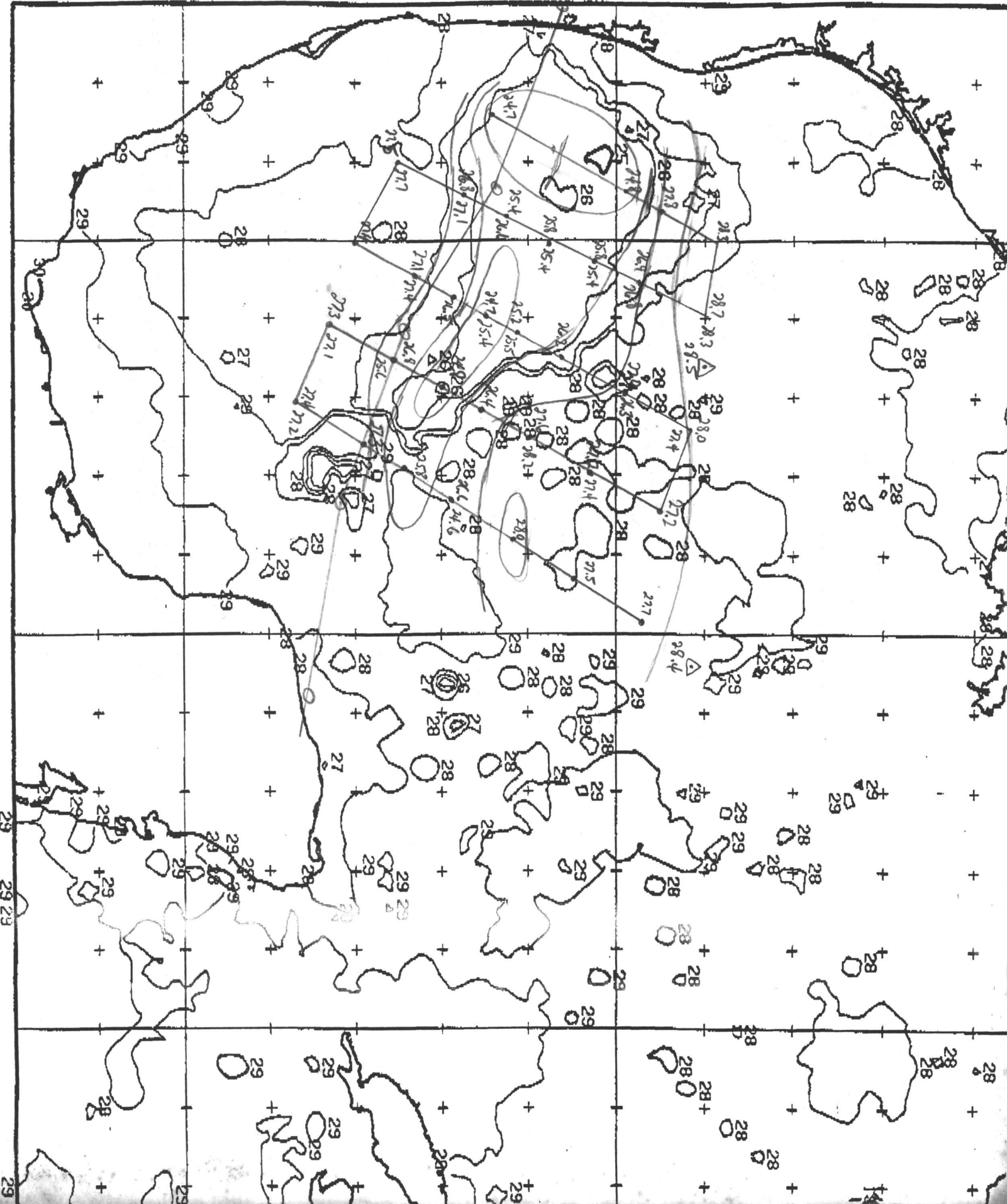
From: OPC -- Washington, DC

THIS IS ONLY A TEST-THIS IS NOT OPERATIONAL 9-27-86

SEP 26 '88 13:41 SATELLITE SERVICES DIV

5N

9/17/88



AXBT/AXCP JUNQUE FLIGHT

0 - turn points

IP:	Point	Altitude	Notes	Temp	Temp	Temp
	①	25.0	N	88.0	W	26. 24.8 93.2
	2	24.8		88.8		② 25.1 92.8
	③	24.4		89.3		28. 24.9 92.1
	4	24.9		89.8		29. 24.8 92.9
000 AXCP	⑤	25.4	GILI-2	90.0	CP	③ 24.5 91.5
	6	25.2	OK	90.5		31. 24.9 91.5
NG-186 CP	7	25.0	GILI-3	91.0		31. 25.3 91.5
	⑧	24.7	NG	91.3		③ 25.8 91.5
	9	24.5		91.0		34. 26.0 91.0
	10	24.3		90.7		35. 26.3 90.1
267 CP	⑪	24.1	GILI-4	90.2		③ 26.7 89.3
	12	23.9	NG	90.8	CP	③ 26.0 89.0
343, 131 CP	⑬	23.5	GILI-5	91.3		
	14	23.9	NG	91.5		
	⑮	24.2		91.7		
436, 264 CP	⑯	24.3	GILI-6	92.0		
	17	24.1	NG	92.5		
000, 484 CP	⑰	23.8	GILI-8	92.9		
	19	23.4		92.5		
	⑳	23.0		92.2		
	21	22.6		92.8		
	⑳	22.2		93.3		
154, 587 CP	23	23.0		94.0		
	⑳	24.0		94.5		
	25	24.3		93.9		

GILIR 2
 GILIP 2
 GILIR 3 NG
 GILIR 4 NG