DEPT. COMM./NOAA/OMO - DATA SECTION WORK FORM NO.1 OAOWF1 FILE

FLT ID: 980925I	FM: KMCE/KTPA	TO: KTPA/
FLT NO:	BLK IN: 2333/1052	ATA: 2325 1044
ETD: 0130Z	BLK OUT: 2306/0118	ATD: 2316/0124
ETE: 9	BLK TIME: (0.5) 0:27 / 9:34 (9.6)	FLT TIME: 0:01 (0.1) / 8:22 (8.3)
SPONSOR ORG: NHC	PROGRAM: RECCO	PURPOSE: H. GEORGES

OAO PERSONNEL

AC Tennesen	SYS ENG Lynch
CP O'Mara	DATA SYS Hornbrook
NAV Strong	RADAR
FE Moore / Wade	BT/ODW Smith
RADIO Sans Souci	CLD PHYS
FD Parrish	DOPPLER Closser

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
~~Canceled~~		
Dodge, P. *	PI	
Wright, W.		
Chen, Chen *		
Diaz, Ron *	Visitor	Thunder 105.5
Bigford, Ron	Visitor	Ch. 16 PBS
Cecil, Dan		TAMU

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

*BOARDED AT KTPA NOAA3 1807A GEORGES 25/03,06,09Z
KSAV 32 08 81 12
Fix 0258Z 23 06N, 79 37W 988mb
Fix 0444Z 23 14N, 80 00W 986mb
Fix 0610Z 23 28N, 80 14W 986mb
Fix 0737Z 23 35N, 80 43'W 985mb
Fix 0851Z 23 37'N, 80 47'W 984mb
5 penetrations at 5K feet. Launched 2 GPS sondes.

H.D. Georges

OAA FORM 59-4
-72)

980925I H. GEORGES RECCO

Time	LAT	LON	TK	WD	WS	PA	GA	T1	TD	SP	PS	RD			
2306	BLOCK OUT														
2318	2753	8225	79	79	28.9	482	494	25.1	21.3	1011.9	956	29.0			
0118	2757.9	8231.6				8		26.6	23.0		1012.4		BLK	TPA	
0127	2806.4	8239.4	256	97	22	619	974	23.5	13.4	1013.5	900	↑			
013130	2751.2	8238.9	165	99	12	2111	2240	16.7	3.6	1012.7	777	↑			
0145	2657	8224	166	78	22.4	3351	3551	9.8	-4.4	1010.7	670.5				
0200	2554.4	82 087	167	70	31.8	3347	3535	9.2	2.8	1008.8	670.8				
021100	2502.5	8155.4	165	48	36	3346	3522	9.9	4.8	1007.4	671.3	Drop ↓ 40 5K			
023345	2419	8133.5	135	43	36.5	1569	1613	18.9	15.6	1007.5	838	-5K			
023745	2347.1	8046.4	120	39	45	1569	1574	19.3	16.1	1003.3	838.7				
0258	2306	7937						22	17	988		9			
034100	2338	7826	316	163	69	1588	1603	17.5	16.5	1004.7	836				
035145	2417	7904	319	138	68	1586	1601	17.7	17.7	1004.7	836				
0448	2447	7944	181	112	57	1589	1615	17.7	15.5	1006	836				
0430	2407	7947	190	111	71	1589	1551	18.4	18.0	998	836.8				
0444	2314	8000								986		9			
0505	2406	7858	49	151	64	1569	1583	18.6	15.6	1004	838				
0520	2426	7926	271	127	71	1575	1579	18.3	16.9	1003.3	837.9				
0543	2425	8127	270	54	46	1571	1591	19.0	16.6	1004.7	838				
0548	2415	8127	135	41	46	1571	1575	18.5	16.0	1003.3	838				
0610	2328	8014				1571		22	18	986		9			
0649	2403	7857	315	163	75	1555	1573	17.6	15.1	1006	840				
070045	2444	7941	315	138	61	1554	1568	19.0	14.6	1005	840				
071145	2502	8021	187	115	55.5	1554	1566	18.4	15.6	1004.6	840				
0725	2416	8029	190	103	67	1613	1552	19.4	17.1	994	834				
0737	2335	8043						23	17	985		9			
074515	2357	8058	124	125	69	1643	1539	19.8	18.4	989	832				
0812	2450	7957	257	136	66	1600									
0822	2442	8045	260	99	60	1594	1573	18.5	15.8	1000.6	836				
0834	242005	8123	141	56	53	1596	1555	18.4	17.2	997.5	836				
0851	2337	8047						23	18	984		9			
0852	↑ & OUT														
092230	2558	8055	359	93	43	6739	7124	-9.9	-14.1	996	426	-22K			
094130	2736	8100.	355	86	18	6735	7136	-10.5	-19.0	998	426				
1023	3110	8110	9	250	12.5	4414	4900	0	-7.7	1016	575				
1052	3207.3	8111.9						20.8	15.7		1017.8	BLOCK IN			

1-4

0520

98 0925 I NE1 Renav

012400	0.0	0.0	59.4	31.7 ✓
025000	0.4	-0.1	23.8	04.1 ✓
032500	0.0	-0.1	53.7	54.9 ✓
0418	0.0	-0.1	48.1	43.8 ✓
0520	-0.4	-0.3	26.4	26.4
0605	-0.5	+0.3	34.5	32.1 ✓
0700	-1.2	-0.1	41.2	39.9
0735	-0.9	+0.5	40.2	37.3 ✓
0815	-1.6	-0.3	47.0	09.7 ✓
0900	-0.9	+0.6	11.1	49.6 ✓
0930	-1.6	-0.1	35.5	57.4 ✓
1012	-1.1	+0.7	16.6	07.3 ✓
(13) 105130	-1.7	-0.1	07.3	11.9 ✓

Patched lat + lon new 05242 in data gap.

Patched 159 w/ 232 Before TO, After Landing.

DATE	SCHEDULED RX TIME	AIRCRAFT NUMBER	ARWO

WX MISSION IDENTIFICATION: NOAA3 1807A GEORGES 0805 | OB

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	25/0258 Z	DATE AND TIME OF FIX
	23 DEG 06 MIN (N) S	LATITUDE OF VORTEX FIX
B	79 DEG 37 MIN E (W)	LONGITUDE OF VORTEX FIX
C	850 MB ~~1584~~ M	MINIMUM HEIGHT AT STANDARD LEVEL
D	NA 1330 KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	NA DEG NA NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	035 DEG 52 KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	300 DEG 50 NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	E 988 MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM FLIGHT LEVEL. IF EXTRAPOLATED, CLARIFY IN REMARKS.
I	18.5 C/ 1567 M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE
J	22 C/ 1584 M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE
K	17 C/ NA C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	OPEN N	EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	E11/50/40	EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C -Circular; CO - Concentric; E- Elliptical. Transmit orientation of major axis in tens of degree, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. *Examples*: C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	23 DEG 06 MIN (N) S 79 DEG 37 MIN E (W) 25/0258 Z	CONFIRMATION OF FIX: Coordinates and time
O	1,2,3,4,5/ 8	FIX DETERMINED BY/FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500ft; 9-925mb; 8 - 850 mb; 7 - 700 mb; 6 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; NA - Other.
P	1 / 4 NM	NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY

Q REMARKS

MAX FL WIND 52 KT NW QUAD 0248 Z

→ SLP EXTRAP FROM (1500 FT/ 925 MB/ 850 MB/ DROPSONDE)

~~SFC CNTR ____/____ NM FROM FL CNTR~~

~~MAX FL TEMP ____ C ____/____ NM FROM FL CNTR~~

MODERATE TURBULENCE E EYEWALL

STRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. e remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for cheduled (intermediate) fixes.

DATE	SCHEDULED RX TIME	AIRCRAFT NUMBER	ARWO

WX MISSION IDENTIFICATION: NOAA3 1807A GEORGES 0808 | OB

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	25/0444 Z		DATE AND TIME OF FIX
B	23 DEG 14 MIN (N) S		LATITUDE OF VORTEX FIX
	80 DEG 00 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1311 M		MINIMUM HEIGHT AT STANDARD LEVEL
D	NA KT		ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	NA DEG NA NM		BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	115 DEG 77 KT		MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	15 DEG 43 NM		BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	E 986 MB		MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM FLIGHT LEVEL. IF EXTRAPOLATED, CLARIFY IN REMARKS.
I	18 C/ 1588 M		MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE
J	24 C/ 1587 M		MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE
K	17 C/ NA C		DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	OPEN NW		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	E 10/45/35		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C -Circular; CO - Concentric; E- Elliptical. Transmit orientation of major axis in tens of degree, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. *Examples*: C8 - Circular eye 8 miles in diameter. EO9/15/5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	23 DEG 14 MIN (N) S 80 DEG 00 MIN E (W) 25/0444 Z		CONFIRMATION OF FIX: Coordinates and time
O	12345/ 8		FIX DETERMINED BY/FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500ft; 9-925mb; 8 - 850 mb; 7 - 700 mb; 6 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; NA - Other.
P	1 / 3 NM		NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY

Q REMARKS

MAX FL WIND 77 KT NNE QUAD 0433 Z

SLP EXTRAP FROM (1500 FT/ 925 MB/ 850 MB/ DROPSONDE)

~~SFC CNTR~~ / NM ~~FROM FL CNTR~~

MAX FL TEMP C / NM FROM FL CNTR

MODERATE RADAR REFLECTIVITY E EYEWALL.

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for scheduled (intermediate) fixes.

DATE	SCHEDULED FIX TIME	AIRCRAFT NUMBER	ARWO

WX MISSION IDENTIFICATION: NOAA3 1807A GEORGES OB 11 | OB

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	25/0610 Z		DATE AND TIME OF FIX
B	23 DEG 28 MIN (N) S		LATITUDE OF VORTEX FIX
	80 DEG 14 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1315 M		MINIMUM HEIGHT AT STANDARD LEVEL
D	NA KT		ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	NA DEG NA NM		BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	027 DEG 56 KT		MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	295 DEG 44 NM		BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	E 986 MB		MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM FLIGHT LEVEL. IF EXTRAPOLATED, CLARIFY IN REMARKS.
I	20 C/ 1571 M		MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE
J	22 C/ 1571 M		MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE
K	18 C/ NA C		DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	OPEN NW		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	E 11/45/35		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C -Circular; CO - Concentric; E- Elliptical. Transmit orientation of major axis in tens of degree, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. *Examples*: C8 - Circular eye 8 miles in diameter. EO9/15/5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	23 DEG 28 MIN (N) S 80 DEG 14 MIN E (W) 25/0610 Z		CONFIRMATION OF FIX: Coordinates and time
O	12345/8		FIX DETERMINED BY/FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500ft; 9-925mb; 8 - 850 mb; 7 - 700 mb; 6 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; NA - Other.
P	1 / 4 NM		NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY

Q REMARKS

MAX FL WIND 85 KT NE QUAD 0455 Z

SLP EXTRAP FROM (1500 FT/ 925 MB/ 850 MB/ DROPSONDE)

~~SFC CNTR~~ ___/___ NM ~~FROM FL CNTR~~

~~MAX FL TEMP~~ ___ C ___/___ NM ~~FROM FL CNTR~~

MOD TURB E EYEWALL, SUBSTANTIAL LIGHTNING E EYEWALL, MOD PRECIP

INSTRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. The remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for unscheduled (intermediate) fixes.

DATE	SCHEDULED RX TIME	AIRCRAFT NUMBER	ARWO

WX MISSION IDENTIFICATION: NOAA3 1807A GEORGES OB 14 | OB

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	25/0737 Z		DATE AND TIME OF FIX
	23 DEG 35 MIN (N) S		LATITUDE OF VORTEX FIX
B	80 DEG 43 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1304 M		MINIMUM HEIGHT AT STANDARD LEVEL
D	NA KT		ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	NA DEG NA NM		BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	105 DEG 75 KT		MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	020 DEG 32 NM		BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	E 985 MB		MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM FLIGHT LEVEL. IF EXTRAPOLATED, CLARIFY IN REMARKS.
I	20 C/ 1620 M		MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE
J	23 C/ 1626 M		MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE
K	17 C/ NA C		DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	OPEN NW		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	E10/40/30		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C -Circular; CO - Concentric; E- Elliptical. Transmit orientation of major axis in tens of degree, i.e., 01-010 to 190; 17-170 to 350. Transmit diameter in nautical miles. *Examples*: C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	23 DEG 35 MIN (N) S 80 DEG 43 MIN E (W) 25/0737 Z		CONFIRMATION OF FIX: Coordinates and time
O	12345 / 8		FIX DETERMINED BY/FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500ft; 9-925mb; 8 - 850 mb; 7 - 700 mb; 6 - 500 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; NA - Other.
P	1 / 4 NM		NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY

Q REMARKS

MAX FL WIND 75 KT N QUAD 0728Z Z

SLP EXTRAP FROM (1500 FT/ 925 MB/ 850 MB/ DROPSONDE)

~~SFC CNTR / NM FROM FL CNTR~~

~~MAX FL TEMP C / NM FROM FL CNTR~~

NUMEROUS MOD RECC'D RAINBANDS E OF CENTER

STRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for cheduled (intermediate) fixes.

DATE	SCHEDULED RX TIME	AIRCRAFT NUMBER	ARWO
	09Z		

WX MISSION IDENTIFICATION: NOAA3 1807A GEOEYES OB 18 | OB

(ABBREVIATED) (DETAILED) VORTEX DATA MESSAGE

A	25/0851 Z		DATE AND TIME OF FIX
B	23 DEG 37 MIN (N) S		LATITUDE OF VORTEX FIX
	80 DEG 47 MIN E (W)		LONGITUDE OF VORTEX FIX
C	850 MB 1295	M	MINIMUM HEIGHT AT STANDARD LEVEL
D	NA	KT	ESTIMATE OF MAXIMUM SURFACE WIND OBSERVED
E	NA DEG NA	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM SURFACE WIND
F	052 DEG 61	KT	MAXIMUM FLIGHT LEVEL WIND NEAR CENTER
G	325 DEG 46	NM	BEARING AND RANGE FROM CENTER OF MAXIMUM FLIGHT LEVEL WIND
H	EXTRAP 984	MB	MINIMUM SEA LEVEL PRESSURE COMPUTED FROM DROPSONDE OR EXTRAPOLATED FROM FLIGHT LEVEL. IF EXTRAPOLATED, CLARIFY IN REMARKS.
I	20 C/ 1603	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE OUTSIDE EYE
J	23 C/ 1606	M	MAXIMUM FLIGHT LEVEL TEMP/PRESSURE ALTITUDE INSIDE EYE
K	18 C/ NA	C	DEWPOINT TEMP/SEA SURFACE TEMP INSIDE EYE
L	OPEN NW		EYE CHARACTER: Closed wall, poorly defined, open SW, etc.
M	E06/40/35		EYE SHAPE/ORIENTATION/DIAMETER. Code eye shape as: C -Circular; CO - Concentric; E- Elliptical. Transmit orientation of major axis in tens of degree, i.e., 01-010 to 190; 17-170 to 360. Transmit diameter in nautical miles. *Examples*: C8 - Circular eye 8 miles in diameter. E09/15/5 - Elliptical eye, major axis 090-270, length of major axis 15 NM, length of minor axis 5NM. CO8-14 - Concentric eye, diameter inner eye 8 NM, outer eye 14 NM.
N	23 DEG 37 MIN (N) S 80 DEG 47 MIN E (W) 25/0851 Z		CONFIRMATION OF FIX: Coordinates and time
O	12345 / 8		FIX DETERMINED BY/FIX LEVEL. FIX DETERMINED BY: 1 - Penetration; 2 - Radar; 3 - Wind; 4 - Pressure; 5 - Temperature. FIX LEVEL (Indicate surface center if visible; Indicate both surface and flight level centers only when same): 0 - Surface; 1 - 1500ft; 9-925mb; 8 - 850 mb; 7 - 700 mb; 6 - 600 mb; 4 - 400 mb; 3 - 300 mb; 2 - 200 mb; NA - Other.
P	1 / 6	NM	NAVIGATION FIX ACCURACY/METEOROLOGICAL ACCURACY
Q	REMARKS		

MAX FL WIND 75 KT N QUAD 0728 Z

SLP EXTRAP FROM (1500 FT/ 925 MB/ 850 MB/ DROPSONDE)

~~SFC CNTR ___ / ___ NM FROM FL CNTR~~

~~MAX FL TEMP ___ C ___ / ___ NM FROM FL CNTR~~

NA

STRUCTIONS: Items A through G (and H when extrapolated) are transmitted from the aircraft immediately following the fix. e remainder of the message is transmitted as soon as available for scheduled fixes and at the ARWO's discretion for scheduled (intermediate) fixes.

PO 08002

FLIGHT WEATHER BRIEFING

PART I - MISSION/TAKEOFF DATA

1. DATE (YYMMDD)	2. ACFT TYPE/NO.	3. DEP PT/ETD	4. RUNWAY TEMP	5. DEWPOINT	6. TEMP DEV	7. PRESSURE ALT	8. DENSITY ALT
980918	P3/ NOAA 9 (?)	KMCF/1300	+23 °F/C	— °F/C	— °C	+80 FT	— FT

9. SFC WIND	10. CLIMB WINDS	11. LOCAL WEATHER WARNING/ADVISORY	12. RCR
16008 (M)	19020	NONE	DRY

13. REMARKS/TAKEOFF ALTN FCST

PART II - ENROUTE DATA

14. FLT LEVEL	15. FLT LEVEL WINDS/TEMP
130/190	SEE ATTCH

16. CLOUDS AT FLT LEVEL	17. MINIMUM VISIBILITY AT FLT LEVEL OUTSIDE CLOUDS	MILES DUE TO
YES / NO / X IN AND OUT	SMOKE / DUST / HAZE / FOG / X 3 PRECIPITATION / NO OBSTRUCTION	

18. MINIMUM CEILING	LOCATION	19. MAXIMUM CLOUDS TOPS	LOCATION	20. MINIMUM FREEZING LEVEL	LOCATION
005 FT AGL	S.FLA VC TS	350 FT MSL	ME	160 FT MSL	ME

21. THUNDERSTORMS	22. TURBULENCE			23. ICING				24. PRECIPITATION				
MWA/WW NO. 18B	CAT ADVISORY 18/17Z Z			NONE				NONE				
NONE / ✓ AREA / LINE	NONE	IN CLEAR	IN CLOUD		RIME	MIXED	CLEAR		DRIZ	RAIN	SNOW	SLEET
✓ ISOLATED 1 - 2% MT 400	LIGHT	✓		TRACE				LT				
FEW 3 - 15%	MOD			LIGHT				MOD				
SCATTERED 16 - 45%	SVR			MOD				HVY				
NUMEROUS - MORE THAN 45%	EXTREME			SVR				SHWRS				
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.	LEVELS 100 - 200			LEVELS —				FRZG				
LOCATION S-FLA	LOCATION ME			LOCATION —				LOCATION —				

PART III - TERMINAL FORECASTS

25. AIRDROME	26. CLOUD LAYERS	27. VSBY/WEA	28. SFC WIND	29. ALTIMETER	30 VALID TIME
~~DEST/ALTN~~ KMIA	SCT020 BKN100 OVC150	7+	15006	2987 INS	1300 Z TO 1500 (400) Z
~~DEST/ALTN~~ X	INTER BKN015CB	1+TSRA		INS	Z TO Z
DEST/ALTN				INS	Z TO Z
~~DEST/ALTN~~ TBPB	SCT020	7+	09006	2985 INS	2100 Z TO Z
DEST/ALTN				INS	Z TO Z
DEST/ALTN				INS	Z TO Z
DEST/ALTN				INS	Z TO Z
DEST/ALTN				INS	Z TO Z

PART IV - COMMENTS/REMARKS

31. BRIEFED ON LATEST RCR FOR DESTN AND ALTN		YES	✓	NOT AVAILABLE	32. REQUEST PIREP AT 344.6

33. REMARKS

PART V - BRIEFING RECORD

34. WEA BRIEFED	35. FLIMSY BRIEFING NO.	36. FORECASTER'S SIGNATURE OR INITIALS
1200 Z		JCP

37. VOID TIME	38. EXTENDED TO	39. WEA REBRIEFED AT	40. FORECASTER'S INIT	41. NAME OF PERSON RECEIVING BRIEFING
Z	Z	Z		

EYE 23.4, 79.5

COMMA shaped

E 12/50/40

OUT 18.5/1567

305-559-9017

FORECASTER

0248Z

35/52

300/50 nmi

0258Z

988

23 05

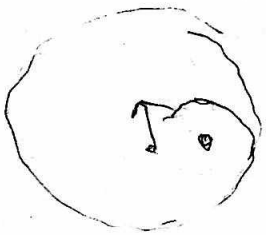
79 37

21.3

18.5

22/17

1584



FIX 1

E 10/45/35

OPEN NW

108/75 0432Z

FIX 2

20/1582 out

986

1311

0455

23 38N

79 30W

85 KTS

25/0444 23 15 50

80 00

850 1311 M

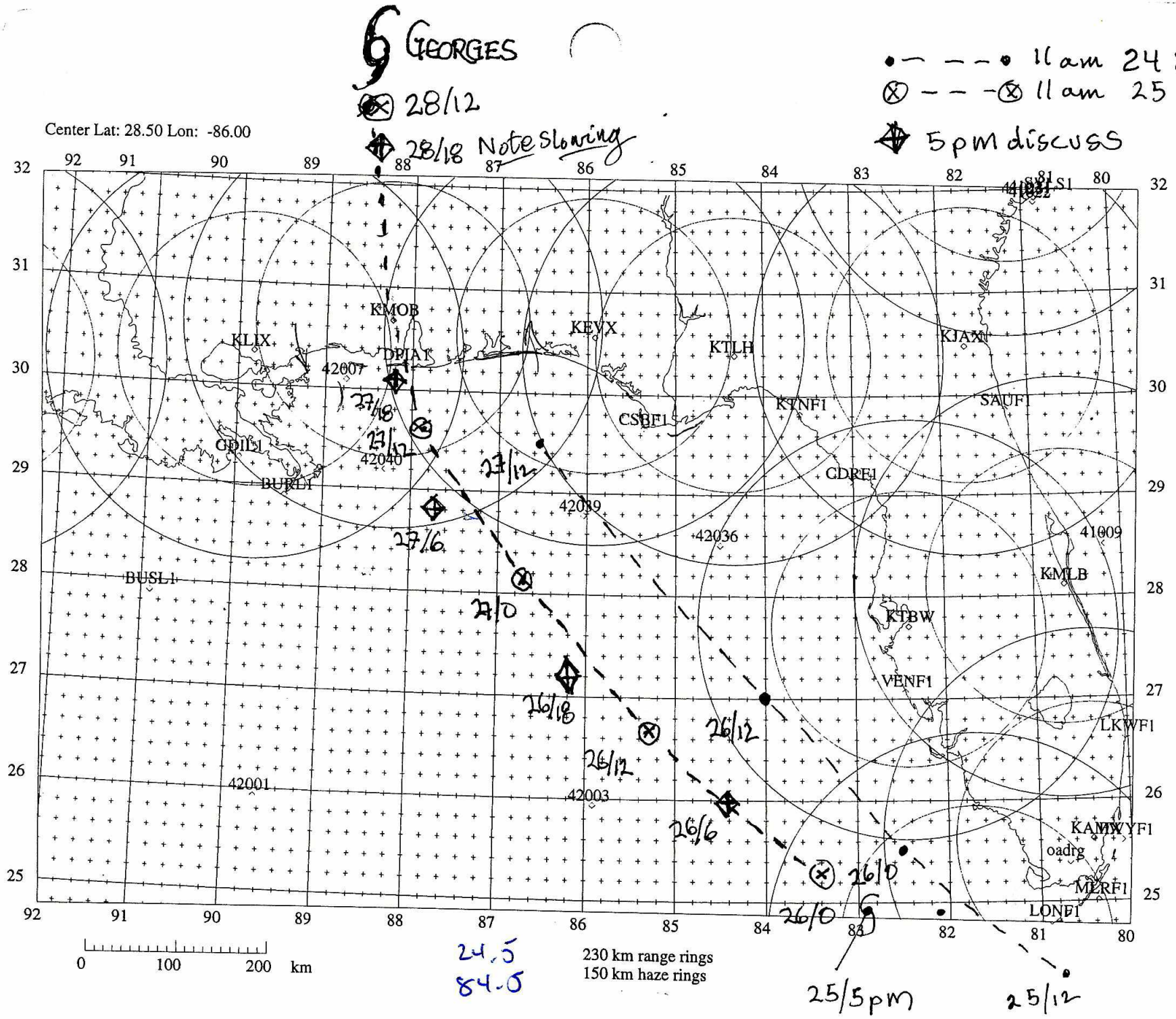
116/77 KTS

15/43 NM

18/1588

24/1587

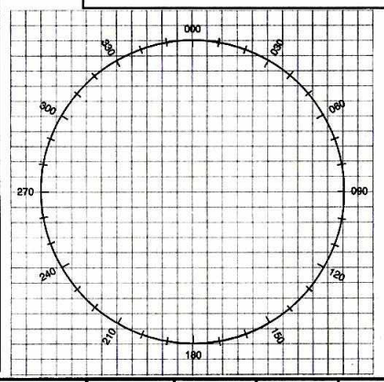
17/NA

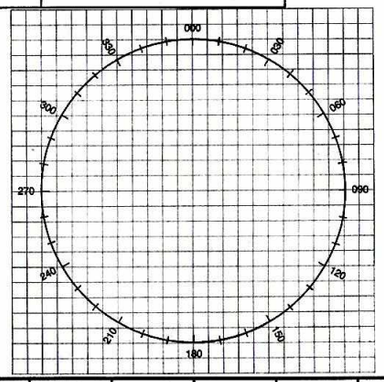

6 GEORGES
28/12
28/18 Note slowing
11 am 24 Sept discuss
11 am 25 "
5 pm discuss
Center Lat: 28.50 Lon: -86.00
KMOB
KLIX
DPIA1
42007
KEVX
KTLH
KJAX
KTNF1
SAUF1
CSBF1
GDIL1
BURD1
42040
GDRF1
42039
42036
41009
KMLB
BUSL1
KTBW
VENF1
LKWF1
42001
42003
KAMW
WYF1
oadrg
MERF1
LONF1
27/18
27/12
27/6
27/0
26/18
26/12
26/12
26/6
26/0
26/0
24.5
84.5
25/5pm
25/12
0 100 200 km
230 km range rings
150 km haze rings

35,600 15,600

CLEARANCES			
FREQ	ALT	HDG	OTHER

MISSION LOG PAGE ___ OF ___





POSITION REPORT

1. POSITION
2. TIME
3. ALTITUDE
4. NEXT POSITION
5. ETA
6. NEXT POSITION

EMERGENCY MESSAGE

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

MAYDAY, MAYDAY, MAYDAY
THIS IS NOAA _____, NOAA _____, NOAA _____

- POSITION _____ N / S _____ E / W AT _____ Z
- HEADING _____ TRUE/MAG
- AT _____ KTS TRUE/INDICATED
- FLIGHT LEVEL OR ALTITUDE _____
- WE ARE A P-3 AIRCRAFT WITH _____ SOULS ON BOARD
- NATURE OF EMERGENCY
- ASSISTANCE DESIRED
- PILOT INTENTIONS
- WE HAVE _____ ENDURANCE REMAINING

TIME	FIX TYPE	POSITION	INS 1 POSITION	K ERR	INS 2 POSITION	K ERR	MH	VAR +E==>	TH	DR +R==>	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
0258	G	23-04.7 N 79-37.4 W																			G 1
0347	G	23-59.6 78-46.2	23-59.8 78-46.5	-.2 -.3	23-59.9 78-46.8	-.3 -.6	320		313	38	316	313	150	72	5k	244					
0444	G	23-14.5 80-00.4																			G 2
0455		23-38.0 79-30.8																			+1 kt Wind
0600	G	23-28.8 80-13.6																			G 3
0737	G	23-35.4 80-42.7	985 mb																		G 4
0857	G	23-36.7 N 80-46.9 W	983 mb					122.6													G 5
1053	V	32-07.2 81-11.9	32-09.1 81-11.9	-1.9 0	32-04.2 81-15.3	+3.0 -3.4															

TO 142 SLT 120

98-025

NOAA FORM 56-49
(2-95)

MISSION PREFLIGHT LOG

DESTINATION	MISSION	NAVIGATOR	AIRCRAFT COMMANDER	FLIGHT DIRECTOR	SCHEDULED / ACTUAL TAKEOFF Z	DATE OF TAKEOFF
KSAV	GEORGES	STRONG	TENNESEN	PARRISH	0130	9/24/98

OUT - 2306 / 011
OFF 2316 / 0124
ON 2325 / 1044
IN 2332

WP	LAT / LON	RTE	MH	VAR +E==>	TH	DR +R==>	TRK	GS	WD	WS	ALT	TAS	LEG / TOT DIST	LEG / TOT TIME	PROP ETA	ETA	ATA	REMARKS
1) EAW	27-35.2 81-48.0						169						207 207	+48	0220			0133
2) TAMPA	24-00.0 81-13.0						137						48 255	+03	0230			0221
3) HP	23-24.0 79-30.0						110						101 356	+26	0256			0281
4) 9	23 10 78-35						104						32 388	+018	0304			
		100	OUTBOUND															
44																		
17																		
2																		

INS PERFORMANCE	INS 1	INS 2
BEGIN ALIGN TIME	2340	2340
ALIGN STATUS (0-5)	0	0
END NAV TIME	1050	1050
START NAV TIME	0105	0105
DELTA T	945	945

TERMINAL ERRORS	INS 1	INS 2
DELTA LAT	-1.9	+3.0
DELTA LON	0	-3.4
RGS	2	2
RADIAL ERROR	2	4

REMARKS

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
AIRCRAFT OPERATIONS CENTER