

Processing required?: Yes

U.S. DOC / NMAO / NOAA / AOC

HD?: Yes

hurricane penetrations

Flight ID: 1002011

From:

CYTY

To:

CYTY

0

Flight No: 10-014

In HH MM

0455

On_Hour

0447

Task Codes

charge to

hours

PND

8.3

ETD:

1900

Out HH MM

2036

Off_Hour

2048

ETE:

8+00

Block

time:

8.3

Flight Time

8.0

Sponsor

NESDIS

Program:

OW2010

Purpose:

IWRAP

AOC FLIGHT CREW

Aircraft Commander: Girimonte Al

Co-Pilot: Martin Cathy

Ebhardt Amelia

Navigator: Sloan Chris

Bishop Joe

FE: Darby Paul

Bast Greg

FD: Sears Ian

Damiano A. Barry

Avionics: Bosko Joe

Data System: Naeher Dana

AVAPS: Olney Bill

System Engineer:

AA 1: Miller Leonard

AA 2: Hill John

Crew Chief:

Other AOC:

Participating Scientist / Visitor

guests

Chang Paul

Jelenak Zorana

Sapp, Joe

activity:

PI

Scientist

Scientist

affiliation 1:

NESDIS

NESDIS

UMASS

Remarks

Mission ID: wxwxa

Storm Name:

TRAIN

mechanical delay

CYTY 012100Z 28013KT 15SM BKN024 OVC048 M07/M12 A2946 RMK SC7SC1 SLP985

CYTY 020500Z 29011KT 15SM FEW035 FEW200 M10/M16 A2948 RMK SC1CI1 SLP994

U.S. DOC / NMAO / NOAA / AOC

Flight ID: 1002011

On_Hour: 04 47 Off_Hour: 20 48

A/C Takeoff press:

WX Station takeoff press:

A/C Land press:

WX Station Land Pres

Pressure

980.6

981.1

981.4

981.8

Data Source

Number

Data Disposition / Quality

Flight level
tapes:

Radar tapes:

cloud physics
tapes/cds:

video tapes:

Expendables

Charge To

good

bad

total

Sent

Messages

Expendables

Charge to

good

bad

Total

Sent Message

dropsonde

PND

11

0

11

0

1002011

axbt

PND

3

2

5

0

1002011

Remarks

Processing required?: Yes

U.S. DOC / NMAO / NOAA / AOC

HD?:

hurricane penetrations

Flight ID: 10 0201

From:

CYT

To:

0

Flight No: 10-014

In HH MM

0455

On_Hour

0447

Task Codes

ETD: 1900Z

Out HH MM

2036

Off_Hour

2048

ETE: 8400

Block

time:

8.0
8.3

Flight Time

8.0

Sponsor NESDIS

Program:

OW

Purpose:

WRAP looking for hur force
wings

AOC FLIGHT CREW

Aircraft Commander: GIRMONT

Co-Pilot: MARTIN

EBHARDT

Navigator: SLOAN

BISHOP

FE: DARBY

BAST

FD: Sears Ian

DAMIANO

Avionics: BOSKO

Data System: NAETZER

AVAPS: OLNEY

System Engineer:

AA 1: MILLER

AA 2: HILL

Crew Chief:

Other AOC:

Participating Scientist / Visitor

guests

CHANG

SAPP

JELENAR

activity:

affiliation 1:

Remarks

Mission ID:

Storm Name:

initial flight track

mechanical delay

47 37

52 43

Sonde 51 20 N 47 W

52 44

CYT

56 43

Combo 51 40 N 45 W BT BAD

Combo 53 W 43 W

Sonde 55 N 43 W no vert speed or alt

53 46 53 47.5

56 46 55.5 46.5

55 48 55 50

4.9

4.2

3.4

3.2

8.0



U.S. DOC / NMAO / NOAA / AOC

Flight ID: 10

On_Hour:

Off_Hour:

A/C Takeoff press:

WX Station takeoff press:

A/C Land press:

WX Station Land Pres

Pressure

Data Source

Number

Data Disposition / Quality

Flight level
tapes:

Radar tapes:

cloud physics
tapes/cds:

video tapes:

Expendables

Charge To

good

bad

total

Sent

Messages

Sande

PND

10

1

11

Bt

PND

2

3

5

Remarks

1002011111	LAT	Lon	TK	GS	RA	WD	WS	TA	TD	SP	PS	SFWS	SFRR	COMMENT
183441 waiting	47*37.14'	-52*44.16'	90.0	.0	1.9	225.7	1.4	-5.7	-14.5	997.6	981.6	0.0	0.0	still
184423 pressure bad	47*37.14'	-52*44.16'	90.0	.0	2.1	236.5	1.4	-5.9	-14.6	997.9	981.7	0.0	0.0	nose
191815 start valve on 2	47*37.14'	-52*44.16'	90.0	.0	2.1	19.8	1.4	-6.2	-14.0	998.2	981.9	0.0	0.0	frozen
195420	47*37.14'	-52*44.16'	90.0	.0	2.1	11.5	1.4	-5.7	-13.9	998.1	981.9	0.0	0.0	engine 2
195513	47*37.14'	-52*44.16'	90.0	.0	2.1	13.8	1.4	-6.1	-13.9	998.1	981.9	0.0	0.0	engine 3
195604	47*37.14'	-52*44.16'	90.0	.0	2.0	268.0	1.4	-6.3	-13.9	998.1	981.9	0.0	0.0	engine 4
195701	47*37.14'	-52*44.16'	90.0	.0	1.9	240.6	1.4	-6.4	-14.0	998.3	982.0	0.0	0.0	engine 1
200120	47*37.14'	-52*44.16'	90.0	.0	2.1	15.3	1.4	-6.0	-13.8	998.4	982.0	0.0	0.0	...
200533 iceman	47*37.14'	-52*44.22'	177.3	4.2	2.0	340.4	3.3	-6.7	-14.0	998.1	981.7	0.0	0.0	going to
201322	47*37.20'	-52*44.94'	229.1	1.5	2.1	353.5	1.5	-6.9	-14.1	998.0	980.6	0.0	0.0	iceman
203203	47*37.20'	-52*44.94'	90.0	.0	2.1	172.1	1.4	-6.7	-13.5	997.9	980.4	0.0	0.0	engine 2
203208	47*37.20'	-52*44.94'	90.0	.0	2.1	141.8	1.4	-6.7	-12.3	997.9	980.5	0.0	0.0	...
203239	47*37.20'	-52*44.94'	90.0	.0	1.8	199.9	1.3	-6.7	4.3	997.7	980.5	0.0	0.0	engine1
203311	47*37.20'	-52*44.94'	90.0	.0	1.6	187.4	.8	-6.8	15.4	997.7	980.5	0.0	0.0	engine 3
203352	47*37.20'	-52*44.94'	90.0	.0	2.1	246.3	1.4	-6.8	23.7	997.7	980.6	0.0	0.0	engine 4

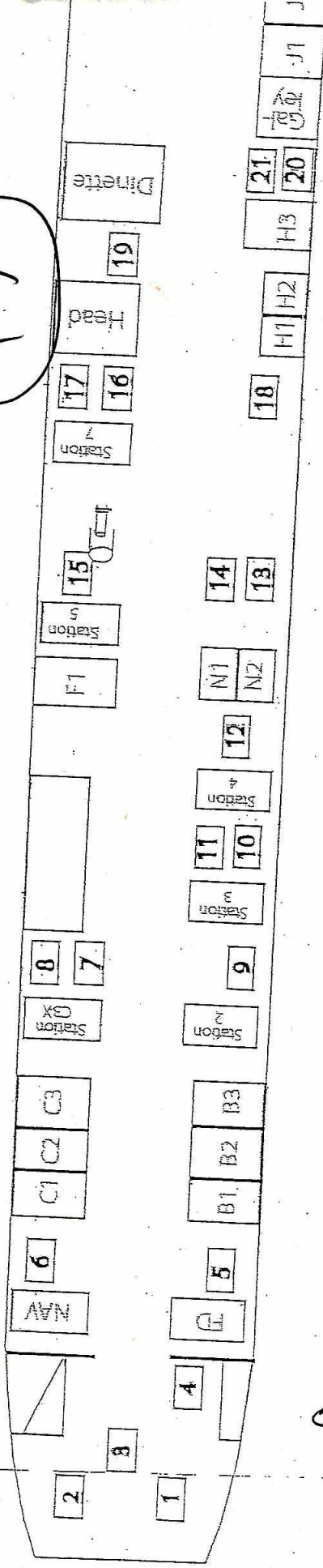
[illegible]

044643	47*37.50'	-52*44.58'	266.4	57.2	3.2	282.8	5.7	-9.6	-16.5	999.7	983.0	0.0	0.0	land
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NOAA AIRCRAFT OPERATIONS CENTER

Flight ID 100201I

17



1. GIRIMONTE

PILOT

2. MARTIN

COPILOT

3. DARBY

FLIGHT ENGINEER

4. CHANG

STATION 1

5. SEARS

FLIGHT DIRECTOR

6. SLOAN

NAVIGATOR

7. DAMIANO

STATION C3X

8. BISHOP

STATION C3X

9. EBHARDT

STATION 2

10. MILLER

STATION 3

11. HILL

STATION 3

12. VAHERZ

STATION 4

13. BS

PROJECT SEAT

14. Box-O

PROJECT SEAT

15. OLNEY

STATION 5

16. JERENAK

STATION 7

17. SAPP

STATION 7

18. BAST

STATION 8

19.

DINETTE

20.

GALLEY

21.

GALLEY