

19940910H1-CLDPHY

940910H1 Wilis

1912 Pre Flight at Barbados

GENESIS FLIGHT PATTERN

1930 STARTING ENGINES

1935 TAXI 13 4.5H 59 29.8W

1942/15 T/O 076/12 29.2 25.2

GPS 13 4.3 59 30.4 AT BND OF 1

CLIMB SNOG Φ some very light rain, occu su

GA PS T T_d WD WS

196 997.4 26.7 26.4 084/17

261 985.1 25.6 26.4 096/17

543 953.1 23.5 22.9 080/18

760 930.9 22.0 23.8 088/12

903 915.4 21.3 21.8 111/13

1029 896.1 20.0 20.3 101/18

1482 857.2 17.9 17.2 113/16

1760 829.5 16.8 14.3 127/20

2401 769.1 13.8 7.4 119/33

2668 746.1 12.1 3.5 119/33

2953 720.4 9.7 3.6 116/32

1952/20 124 4353

1957/33 some light rain

1959/54 light rain

2004/01 in pcp

2029/40 1021832 left in light stratiform pcp
16 2066 60 98.1W 3062/3261 6.2 11.1 14

lots of noise on probes

2041/16 thin ci Φ sun dimly visible

- 2051 going into convective line
- 2052/05 pretty good pcp probe images
- 2052/28 all over
- 2053/30 1759.2 61/30 AT POINT 1 TURNING WEST
paralleling convective line to left, good radar RHI
- 2100/15 striking line, penetrating
- 2100 35.54 * good pcp images
cloud probe not ^{hardly} even imaging now
- 2102/07 good updraft 10 +
- 2120/56 705941 left in and out of cells on NE side
SEAL 38 192 15 09N 65 19W NO CIRCULATION
- 2133/29 * Pcp images ok OPEN 50 + W 57 KTS
* cloud probe probably not useful on north
- 2147/42 coming into area of light rain
- 2208/53 * nice cloud images on forward video
backlit
- 2211/19 388,943 left
- 2214 AT POINT 2 TURNED SW
- 22405 piles on cells at 10-11 o'clock
went by Mayaguez cb, piles on top (plate)
- 2230 IN CLR section b/c, solid cb cells 8 o'clock
- 2232/27 ARRIVING TO POINT 3 Mayaguez cb
side camera looks out right side
- 2241 heading back east to point 4 from 3
- 2308/30 EXTREMELY ACTIVE LIGHTNING 2 o'clock
14 strokes/min
not on 100 km LF range
may be near center

dark now

cell is $160^\circ / 160\text{km}$

2349/19 IN CLEAR

2351/49 1084 163 left.

0018/15 heading south point 4 to 5

0019/21 some light precip

0022/00 ~~892~~, 892, 571 some pcip images, virtually no cloud images

0034/10 TURNING AT POINT 5 TO WEST FOR POINT 6 then center
TBL 8'S 002 CENTER FIX

HDG 280 1008 66kt N Quad trying to land up
0038/26 just past 200mb center, all stratiform
iced out, very little convection

0123/00 lots of lightning everything going into supercell
on right, 498, 071 left
0124/30

0127/30 lightning

0128/58 " / lots of it

0130/30 lightning out of cell to right
probes poor, some images

0202/50 turning south on west side at point 6

0203/55 248, 993 left

0228/00 TURNING TO EAST AT POINT 7

0230/00 85, 975 left

0258/50 1,902, 412 left.

0308/20 coming into area of pcp N-S band on Esh

0307/29 some good pcp probe mages
maybe best of the day
stuck broke on cloud probe

0433/10 1278483 left

0544/30 shut down system

0520/20 landed Barbados

13/4.2N 59/30AW 1NE W END OF RUNWAY
13/4.3N 59/30.1W GRJ

940911H1 Ferry to Miami

1829 TAXI - Barbados

1836/05 T/O Barbados 2:36 pm

2030 NNW SAN JUAN THICK Ci ⊕

Mayaguez Cb not here this afternoon
outflow from Debbie?

2033 No! maybe it is there embedd in
thick Ci.