

Lead Project Scientist Check List

Date 9/11/05 Aircraft 42 Flight ID 050911 H

A. — Participants:

H. Olphelia

HRD		AOC	
Function	Participant	Function	Participant
Lead Project Scientist	<u>M. Black</u>	Flight Director	<u>Jack Parrish</u>
Radar	<u>P. Dodge</u>	Pilots	<u>Kennedy, Strong, Nelson</u>
Workstation	<u>P. Dodge</u>	Navigator	<u>P. Siegel</u>
Cloud Physics	<u> </u>	Systems Engineer	<u>Grey Best</u>
Photographer/Observer	<u> </u>	Data Technician	<u>Sean McMillen</u>
/Guests	<u> </u>		<u>Bill Olney</u>
Dropwindsonde	<u>M. Black</u>	Electronics Technician	<u>Beth Kern</u>
AXBT/AXCP	<u>M. Black</u>	Other	<u>P. Chang + 3 Aerosols</u>

B. Take-off and Landing Locations:

Take-Off: 1711 Location: MacDill

Landing: 103 Location: MacDill

Number of Eye Penetrations: 6

Rob Coates
Tao Chu
Danny Esteban

C. Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind

D. Mission Briefing: 4 Kft, IP at Bay 42009, then

Bay 42010, 100 nm SW of eye → eye

For 4, then work rainband / eyewall
on northeast - northwest

50nm side of storm, another
Fig 4 near end ~20 sonde
6 AXBTs, 2 IE Rx

end on west side for Quikset overpass

Lead Project Scientist Event Log

(11)

Date 9-11-05 Flight 050911H LPS M. Black

Ophelia

Time	Event	Position	Comments
181150	at Buoy Prop	28.95 78.45	~200 nm SW of CT
183132	water band ~150 m SW of CT		Drop #2 UB
185150	at IP 50 nm SW		Drop #3, AXBT
190519	Eye SW eye 31.34 73.98		Drop Prop #5 AXBT UBCOR
191019	NE EW open		Drop #6 AXBT
1918	50 m NE in strong band		1500
1930	in strong band 50 m North		
191327	Drop #8 50 m N, mod-pt down		1415
194202	At NW point 50 nm		
19506	50 nm NW point		BT - 22°C ?
2003	Eye 42 m SW BT		BT - 24.1°C
2017	30.76 75.21 50 nm SE		RB-BT
2022	Reverse Track Back to CT		
	Begin R. Chang work		
2037	(eye)		
205354	In Bsg band NNE of CT		Prop
	eye		
2142	N of ctr outside of band		turn to SW along outside of band

NO winds
- 25 kts
1918
35 kts
Fit-101

Good

Good
24°C
3 km

27.4°C

30.2°C
1 km

Fogged
BT

R. Chang

2

Date 9/11/05

Flight 050911h

LPS M. Black

Ophelia

Time	Event	Position	Comments
2237	Drop #19	50 m	E of ctr
225	Drop #20	50 m	N of ctr
2311	eye	31.15	16.18
231			
2334	AXBT	125 m	W of eye
	27.1°C		
0103	Landing	Madrig	