

TO: Airborne Science Program
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Flight Report

Aircraft :	DC-8 N817 NA
Operating Site(s) From / To :	KFLL to KFLL
Flight Date :	9/16/10
Flight Number :	100620
Take Off Time :	17.01.34 UTC
Landing Time :	01.08.00 UTC
Flight Time :	8.2 Hr.
Flt Request # / PI:	108201 / Vasquez
Purpose of Flight :	Data [X] Ferry [] Functional Check [] Other []
Aircraft Status:	Up [X] Down []
Sensor Payload :	CAPS, PIP, DAWN, LARGE, LASE, MMS, APR-2, DAWN, and Drop-sondes operated.
Comments :	Conducted a survey of Karl with six passes over the center of circulation with a butterfly pattern about the eye on the final pass. Flew several coordinated legs with both the Global Hawk and WB-57 aircraft. Launched 29 drops. Lost contact prematurely with several of the drop-sondes which was attributed to the high level of precipitation. Conducted MMS maneuvers at 16,000 ft and Mach 0.5.