Dropsonde Scientist

Flight ID	2021 0828 H1 Storm Ida Mission ID 1009A
Dropsonde	Scientists Jun Theway
AVAPS O	f
patterns fo illustrated o problems, e sole HRD	ad Project Scientist (LPS) on the P3 is responsible for determining the distribution or dropwindsonde releases. Predetermined desired data collection patterns are on the flight patterns. However, these patterns are often altered because of clearance etc. Operational procedures are contained in the operator's manual. On the G-IV the person is designated the LPS. The following list contains more general eary procedures to be followed. (Check off or initial.)
Preflight	
<u> </u>	Determine the status of the AVAPS and workstation. Report results to the LPS.
<u> </u>	Confirm the mission and pattern selection with the LPS and assure that enough dropsondes are on board the aircraft.
□ 3.	Modify the flight pattern or drop locations if requested by AOC to accommodate changes in storm location or closeness to land.
□ 4.	Complete the appropriate preflight set-up and checklists.
In-Flight	
<u> </u>	Operate the system as specified in the operator's manual.
2 .	Ensure the AOC flight director is aware of upcoming drops.
□ 3.	Ensure the AVAPS operator has determined that the dropsonde is (or is not) transmitting a good signal. Recommend if a backup dropsonde should be launched in case of failure.
4 .	Report the transmission of each drop and fill in the Dropwindsonde Scientist Log.
Post flight	
□ 1.	Complete Dropwindsonde Scientist Log.
2 .	Download all raw and processed AVAPS files to thumbdrive
☐ 3.	Brief the LPS on equipment status and turn in completed forms and thumbdrive.
4 .	Debrief at the base of operations.
☐ 5.	Determine the status of future missions and notify Field Program Director as to where you can be contacted.

NOAA P-3 GPS Dropwindsonde Scientist Log (revised March 2019)

Flight ID 202 282 Dropsonde Scientist 7 200 AVAPS Operator M.A.

Drop		Time	Lat	Long	Sfc Pressure	VAPS Operator / VAPS Operator Wind closest to		SST		
#	Sonde ID	UTC	(°N/S)	(°E/W)	(mb)	Dir/Spd (deg/kt)	Hgt (m)	(C)	EyeEyewall, Rainband,etc,	
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NOAA P-3 GPS Dropwindsonde Scientist Log (revised March 2019)

Storm Ida Mission ID

Flight ID 202/0828:41

Dropsonde Scientist J Zwwg AVAPS Operator Dropsonde Scientist AVAPS Operator

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NOAA P-3 GPS Dropwindsonde Scientist Log (revised March 2019)

Storm Ida Mission ID

Flight ID 202198284 Dropsonde Scientist J Zhang AVAPS Operator (exp. 0213A)

AVAPS Operator AVAPS Operator

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