



Launch Mission Execution Forecast

Mission: ASTRA VCLS DEMO 2

Issued: 10 Feb 2022 / 0800L (1300Z)

Valid: 10 Feb 2022 / 1500 – 1600L (2000 – 2100Z)



Forecast Discussion: Favorable weather is forecast today as high pressure extends into north Florida. This brings lighter winds from the north and sunny skies with just a few low topped cumulus clouds moving onshore by late afternoon. For backup day Friday, moisture increases as we get into deeper onshore flow from the east with a weak trough over south Florida. This could bring isolated showers northward, just south of the Spaceport, especially later in the day towards the end of the window. Therefore, the POV is 20% Friday for the Cumulus Cloud Rule.

Probability of Violating Weather Constraints																									
Launch Day	<10% Primary Concerns: Cumulus Cloud Rule																								
	Weather Conditions																								
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Note: The Probability of Violation (POV) is the chance that a Lightning Launch Commit Criteria (LLCC) or certain user constraints (surface winds, precipitation, and temperatures, etc.) will be violated during the launch window. It does not take into account upper-level wind shear, booster recovery weather, and solar activity.																									
Next Forecast Will Be Issued	As required																								