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**Flight Report**

<b>Aircraft :</b>	LaRC B-200 King Air (N529NA) (Operating as NASA529)
<b>Operating Site(s) From / To :</b>	Pt. Barrow, Alaska
<b>Flight Date :</b>	4/10/2008
<b>Flight Number :</b>	R-135
<b>Take Off Time :</b>	1327 Local, 2127 UTC
<b>Landing Time :</b>	1701 Local, 0101 UTC 4/11/2008
<b>Flight Time :</b>	3.6 hours
<b>PI:</b>	Rich Ferrare
<b>Purpose of Flight :</b>	Data <input checked="" type="checkbox"/> Ferry <input type="checkbox"/> Functional Check <input type="checkbox"/> Other <input type="checkbox"/>
<b>Sensor Payload :</b>	HSRL and Digital Camera
<b>Comments :</b>	<p>Local flight from and to Pt. Barrow. Launched after a weather delay due to local ice fog onto the CALIPSO track heading northwest out over the polar ice. Weather along the route was clear of clouds at flight level with occasional patches of fog/clouds near the surface. Winds were nearly calm at 28000 feet MSL for the entire route.</p> <p>HSRL worked well. An excellent CALIPSO validation flight. No clouds above making data useful for calibration assessment as well as assessment of level-2 products. Large diversity in aerosol type encountered.</p>

**SUBMITTED: Chris Hostetler 907-878-3101**

**DATE: 4/13/2008**

# NASA Langley HSRL/B200 10-Apr-2008



