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Flight Report

Aircraft :	LaRC B-200 King Air (N529NA) (Operating as NASA529)
Operating Site(s) From / To :	Pt. Barrow, Alaska
Flight Date :	4/6/2008
Flight Number :	R-132
Take Off Time :	1252 Local, 2052 UTC
Landing Time :	1805 Local 0205 UTC (4/7/2008)
Flight Time :	5.2 hours
PI:	Rich Ferrare
Purpose of Flight :	Data <input checked="" type="checkbox"/> Ferry <input type="checkbox"/> Functional Check <input type="checkbox"/> Other <input type="checkbox"/>
Sensor Payload :	HSRL and Digital Camera
Comments :	<p>Local flight from and to Pt. Barrow. Planned CALIPSO underflight in conjunction with the NASA P3 and multiple patterns in the vicinity of Barrow over the lagoon and NSA site in conjunction with the NASA P3. Weather along the route was clear of clouds at flight level with some very low altitude clouds observed intermittently along the route. Did quite a bit of radio relay for the P3 with Anchorage Center due to the P-3s low altitude.</p> <p>HSRL worked well. Had problems with downlink early in flight and IMU was observed to give erroneous attitude information. HSRL data indicate the presence of dust in the free troposphere.</p>

SUBMITTED: Chris Hostetler 907-878-3101

DATE: 4/8/2008

NASA Langley HSRL/B200 06-Apr-2008



