

## DC-8 10/05/11

**Aircraft:**

DC-8 - AFRC ([See full schedule](#))

**Flight Number:**

120102

**Payload Configuration:**

DC-8 OIB Deployment - Chile 2011

**Nav Data Collected:**

Yes

**Total Flight Time:**

3.6 hours

**Comments:**

Local area flight to verify operation of MCORDS, Ku, & Snow radars supporting the OIB Antarctic 2011 deployment. Flew to location ~200nm off the coast of Southern California. Performed straight/level runs and a bank angle series greater than 60 degrees at FL200 to verify MCORDS operation. Descended to 1750 ft, 1500 ft, & 1000 ft AGL to verify Ku & Snow radars operation. MCORDS & Snow radars are performing as designed but Ku is not operating properly. System is being troubleshot tonight and a recovery plan being organized. Next flight check opportunity for Ku will be during the transit flight into Punta Arenas. Takeoff & landing times estimated to get actual mission flight hours.

**Submitted by:**

Frank Cutler on 11/16/11

**Flight Segments:**

<b>From:</b>	Palmdale, California	<b>To:</b>	Palmdale, California
<b>Start:</b>	10/05/11 16:00 Z	<b>Finish:</b>	10/05/11 19:36 Z
<b>Flight Time:</b>	3.6 hours		
<b>Log Number:</b>	<a href="#">128005</a>	<b>PI:</b>	Michael Studinger
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Check		

**Flight Hour Summary:**

	118008	128005
<b>Flight Hours Approved in SOFRS</b>		356
<b>Total Used</b>	0	308.7
<b>Total Remaining</b>		47.3

**128005 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/04/11</a>	120101	Check	2.7	2.7	353.3	
<a href="#">10/05/11</a>	120102	Check	3.6	6.3	349.7	
<a href="#">10/09/11 - 10/10/11</a>	120103	Ferry	10.4	16.7	339.3	
<a href="#">10/10/11</a>	120104	Ferry	3.3	20	336	
<a href="#">10/12/11</a>	120105	Science	11.9	31.9	324.1	
<a href="#">10/13/11</a>	120106	Science	11.2	43.1	312.9	
<a href="#">10/14/11</a>	120107	Science	11.5	54.6	301.4	
<a href="#">10/17/11</a>	120108	Science	11.5	66.1	289.9	
<a href="#">10/18/11</a>	120109	Science	11	77.1	278.9	
<a href="#">10/20/11</a>	120110	Science	11.7	88.8	267.2	
<a href="#">10/21/11</a>	120111	Science	11	99.8	256.2	
<a href="#">10/23/11</a>	120112	Science	11.8	111.6	244.4	
<a href="#">10/24/11</a>	120113	Science	10.7	122.3	233.7	
<a href="#">10/25/11</a>	120114	Science	11.5	133.8	222.2	
<a href="#">10/26/11</a>	120115	Science	11.3	145.1	210.9	
<a href="#">10/29/11</a>	120116	Science	11.6	156.7	199.3	
<a href="#">10/30/11</a>	120117	Science	11.7	168.4	187.6	
<a href="#">11/03/11</a>	120118	Science	11.7	180.1	175.9	

<a href="#">11/04/11 - 11/05/11</a>	120119	Science	11.6	191.7	164.3
<a href="#">11/07/11</a>	120120	Science	12	203.7	152.3
<a href="#">11/09/11 - 11/10/11</a>	120121	Science	12.5	216.2	139.8
<a href="#">11/11/11 - 11/12/11</a>	120122	Science	11	227.2	128.8
<a href="#">11/12/11 - 11/13/11</a>	120123	Science	11.6	238.8	117.2
<a href="#">11/13/11</a>	120124	Science	11.2	250	106
<a href="#">11/14/11</a>	120125	Science	9.7	259.7	96.3
<a href="#">11/16/11</a>	120126	Science	11.8	271.5	84.5
<a href="#">11/17/11</a>	120127	Science	11.2	282.7	73.3
<a href="#">11/19/11</a>	120128	Science	11.1	293.8	62.2
<a href="#">11/22/11</a>	120131	Ferry	0.4	294.2	61.8
<a href="#">11/22/11</a>	120129	Ferry	3.3	297.5	58.5
<a href="#">11/22/11 - 11/23/11</a>	120130	Ferry	11.1	308.6	47.4

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*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*