

DC-8 05/10/16 - 05/11/16

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

Flight Number: 1093

Payload Configuration: KORUS-AQ Configuration

Nav Data Collected: Yes

Total Flight Time: 8.1 hours

Submitted by: Chris Jennison on 05/13/16

Flight Segments:

From:	RKSO	To:	RKSO
Start:	05/10/16 22:59 Z	Finish:	05/11/16 07:07 Z
Flight Time:	8.1 hours		
Log Number:	168007	PI:	James Crawford
Funding Source:	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
Purpose of Flight:	Science		
Comments:	Science flight #5 started with the Seoul Stereoroute (missed approach to Seoul Air Base and spiral climb in R-17 (Taehue Forest) and then proceeded south off the coast of the peninsula to the Jeju Island waters. The plan was to sample air from west of Jeju to the east of Busan at different elevations but this was thwarted by a low marine stratus layer that forced the aircraft to above 4000 feet. ATC control traffic into they airport on Jeju Island would not permit the DC-8 to fly over the island or very near it. Nevertheless mush useful data was acquired the flight concluded with final Seoul Stereoroute.		

Images:

Flight route south of the peninsula

Image not found or type unknown



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Approach to Seoul AB over Olympic Park



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Missed approach to Seoul AB



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Flight Hour Summary:

	168007
Flight Hours Approved in SOFRS	163.6
Total Used	189.2
Total Remaining	-25.6

168007 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
04/15/16	1082	Check	1.5	1.5	162.1	
04/18/16	1084	Science	3.5	5	158.6	
04/22/16	1086	Science	3.3	8.3	155.3	
04/26/16	1087	Transit	4.7	13	150.6	
04/26/16 - 04/27/16	1088	Science	9.5	22.5	141.1	
05/01/16 - 05/02/16	1089	Science	7.7	30.2	133.4	
05/03/16 - 05/04/16	1090	Science	8.2	38.4	125.2	
05/04/16 - 05/05/16	1091	Science	4.7	43.1	120.5	
05/06/16 - 05/07/16	1092	Science	8.1	51.2	112.4	
05/10/16 - 05/11/16	1093	Science	8.1	59.3	104.3	
05/11/16 - 05/12/16	1094	Science	8	67.3	96.3	
05/12/16 - 05/13/16	1095	Science	4.5	71.8	91.8	
05/16/16 - 05/17/16	1096	Science	8.2	80	83.6	
05/17/16 - 05/18/16	1097	Science	8.3	88.3	75.3	
05/19/16 - 05/20/16	1098	Science	8.1	96.4	67.2	
05/21/16 - 05/22/16	1099	Science	9.4	105.8	57.8	
05/24/16 - 05/25/16	1100	Science	8.3	114.1	49.5	
05/26/16	1101	Science	4.2	118.3	45.3	
05/29/16 - 05/30/16	1102	Science	8.5	126.8	36.8	
05/30/16 - 05/31/16	1103	Science	8.2	135	28.6	
06/01/16 - 06/02/16	1104	Science	8.2	143.2	20.4	
06/02/16 - 06/03/16	1105	Science	8.3	151.5	12.1	
06/04/16 - 06/05/16	1106	Science	8.5	160	3.6	
06/08/16 - 06/09/16	1107	Science	8.1	168.1	-4.5	
06/09/16 - 06/10/16	1108	Science	8.3	176.4	-12.8	
06/14/16	1109	Transit	8.2	184.6	-21	
06/14/16	1110	Science	4.6	189.2	-25.6	

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.

Page Last Updated: April 22, 2017

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Source URL: https://airbornescience.nasa.gov/flight_reports/DC-8_05_10_16_-_05_11_16#comment-0