

## DC-8 05/17/16 - 05/18/16

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

**Flight Number:** 1097

**Payload Configuration:** KORUS-AQ Configuration

**Nav Data Collected:** Yes

**Total Flight Time:** 8.3 hours

**Comments:** Science flight #9. The purpose of this flight was to determine the extent of air contaminants moving west to east across the Yellow Sea and survey the southeast corridor between Seoul and Busan. Air this day seemed particularly foul based on instrument teams' remarks over the intercom. The first Yellow Sea pass on the southbound run was at 24,000 feet. The next runs were at 500 feet, 1000 feet, and 3,500 feet. The southeast runs towards Busan were at 23,000 feet, 1000 feet, and 4000 feet. Stereoroute patterns were at the beginning, middle, and end of the flight.

**Submitted by:** Chris Jennison on 05/19/16

### Flight Segments:

<b>From:</b>	RKSO	<b>To:</b>	RKSO
<b>Start:</b>	05/17/16 23:05 Z	<b>Finish:</b>	05/18/16 07:22 Z
<b>Flight Time:</b>	8.3 hours		
<b>Log Number:</b>	<a href="#">168007</a>	<b>PI:</b>	James Crawford
<b>Funding Source:</b>	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
<b>Purpose of Flight:</b>	Science		

### Images:

#### Flight track



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### Flight Hour Summary:

	<b>168007</b>
<b>Flight Hours Approved in SOFRS</b>	163.6
<b>Total Used</b>	189.2
<b>Total Remaining</b>	-25.6

### 168007 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">04/15/16</a>	1082	Check	1.5	1.5	162.1	
<a href="#">04/18/16</a>	1084	Science	3.5	5	158.6	
<a href="#">04/22/16</a>	1086	Science	3.3	8.3	155.3	
<a href="#">04/26/16</a>	1087	Transit	4.7	13	150.6	
<a href="#">04/26/16 - 04/27/16</a>	1088	Science	9.5	22.5	141.1	
<a href="#">05/01/16 - 05/02/16</a>	1089	Science	7.7	30.2	133.4	
<a href="#">05/03/16 - 05/04/16</a>	1090	Science	8.2	38.4	125.2	
<a href="#">05/04/16 - 05/05/16</a>	1091	Science	4.7	43.1	120.5	
<a href="#">05/06/16 - 05/07/16</a>	1092	Science	8.1	51.2	112.4	
<a href="#">05/10/16 - 05/11/16</a>	1093	Science	8.1	59.3	104.3	

<a href="#">05/11/16 - 05/12/16</a>	1094	Science	8	67.3	96.3
<a href="#">05/12/16 - 05/13/16</a>	1095	Science	4.5	71.8	91.8
<a href="#">05/16/16 - 05/17/16</a>	1096	Science	8.2	80	83.6
<a href="#">05/17/16 - 05/18/16</a>	1097	Science	8.3	88.3	75.3
<a href="#">05/19/16 - 05/20/16</a>	1098	Science	8.1	96.4	67.2
<a href="#">05/21/16 - 05/22/16</a>	1099	Science	9.4	105.8	57.8
<a href="#">05/24/16 - 05/25/16</a>	1100	Science	8.3	114.1	49.5
<a href="#">05/26/16</a>	1101	Science	4.2	118.3	45.3
<a href="#">05/29/16 - 05/30/16</a>	1102	Science	8.5	126.8	36.8
<a href="#">05/30/16 - 05/31/16</a>	1103	Science	8.2	135	28.6
<a href="#">06/01/16 - 06/02/16</a>	1104	Science	8.2	143.2	20.4
<a href="#">06/02/16 - 06/03/16</a>	1105	Science	8.3	151.5	12.1
<a href="#">06/04/16 - 06/05/16</a>	1106	Science	8.5	160	3.6
<a href="#">06/08/16 - 06/09/16</a>	1107	Science	8.1	168.1	-4.5
<a href="#">06/09/16 - 06/10/16</a>	1108	Science	8.3	176.4	-12.8
<a href="#">06/14/16</a>	1109	Transit	8.2	184.6	-21
<a href="#">06/14/16</a>	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.*

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