

DC-8 - AFRC 08/06/19 - 08/07/19

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

Flight Number: 1340

Payload Configuration: FIREX-AQ 2019 Configuration

Nav Data Collected: Yes

Total Flight Time: 7.5 hours

Submitted by: Charles E. Irving on 08/07/19

Flight Segments:

From:	KBOI	To:	KBOI
Start:	08/06/19 18:03 Z	Finish:	08/07/19 01:35 Z
Flight Time:	7.5 hours		
Log Number:	198002	PI:	Barry Lefer
Funding Source:	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
Purpose of Flight:	Science		
Miles Flown:	3225 miles		
Comments:	<p>After take-off, proceeded to initial target, Williams Flats fire near Spokane Washington. Started sampling aged smoke in Spokane area including a missed approach at Spokane International Airport. Then headed to where fire was burning, doing normal "fishbone" pattern in new smoke. Pattern also included a CALIPSO satellite overpass, as well as concurrent flight with ER-2. Then headed east to fly a remote sensing pass over the Snow Peak fire north of Missoula, Montana on our way to Horsefly fire near Helena, MT. The Horsefly smoke plume was sampled in a long fishbone pattern with two remote sensor passes and several transecting in-situ passes. Aircraft operated nominally. Only minor instrument issues reported.</p>		

Flight Hour Summary:

	198002
Flight Hours Approved in SOFRS	150
Total Used	158.1
Total Remaining	-8.1

198002 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
07/09/19 - 07/10/19	1325	Check	3	3	147	1020
07/15/19 - 07/16/19	1327	Check	3.5	6.5	143.5	1505
07/22/19 - 07/23/19	1333	Science	6.8	13.3	136.7	2924
07/24/19 - 07/25/19	1334	Science	3.4	16.7	133.3	1462
07/25/19 - 07/26/19	1335	Science	6.1	22.8	127.2	2623
07/29/19 - 07/30/19	1336	Science	6.9	29.7	120.3	2967
07/30/19 - 07/31/19	1337	Science	7.2	36.9	113.1	3096
08/02/19 - 08/03/19	1338	Science	6.1	43	107	2752
08/03/19 - 08/04/19	1339	Science	6.8	49.8	100.2	2924
08/06/19 - 08/07/19	1340	Science	7.5	57.3	92.7	3225

08/07/19 - 08/08/19	1341	Science	6.7	64	86	2881
08/08/19 - 08/09/19	1342	Science	6.4	70.4	79.6	2752
08/12/19 - 08/13/19	1343	Science	7.8	78.2	71.8	3354
08/13/19 - 08/14/19	1344	Science	7.6	85.8	64.2	3268
08/15/19 - 08/16/19	1345	Science	6.5	92.3	57.7	2795
08/16/19 - 08/17/19	1346	Science	7.5	99.8	50.2	3225
08/19/19	1347	Transit	2.2	102	48	946
08/21/19	1348	Science	6.5	108.5	41.5	2580
08/23/19	1349	Science	6.9	115.4	34.6	2967
08/26/19 - 08/27/19	1350	Science	8.1	123.5	26.5	3483
08/29/19	1351	Science	5.3	128.8	21.2	2279
08/30/19	1352	Science	8.8	137.6	12.4	3784
08/31/19 - 09/01/19	1353	Science	7.2	144.8	5.2	3096
09/03/19	1354	Science	7.7	152.5	-2.5	0
09/05/19	1355	Transit	5.6	158.1	-8.1	0

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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