

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

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

Flight Number: 1341

Payload Configuration: FIREX-AQ 2019 Configuration

Nav Data Collected: Yes

Total Flight Time: 6.7 hours

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

Flight Segments:

From:	KBOI	To:	KBOI
Start:	08/07/19 20:59 Z	Finish:	08/08/19 03:42 Z
Flight Time:	6.7 hours		
Log Number:	198002	PI:	Barry Lefer
Funding Source:	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
Purpose of Flight:	Science		
Miles Flown:	2881 miles		
Comments:	First area sampled was in vicinity of Snow Peak fire flown the previous flight. Primary objective was aged smoke from the Williams Flats fire. Then transitioned to the Williams Flats fire near Spokane and sampled that plume for the rest of the data collection period. The TAWS and flight recorder faults returned approx 5 hours into flight. Also, the NOAA PTRMS instrument was not operating for portions of the flight.		

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.

Flight Tracks:

Attachment	Size
 DC8 FLIGHT TRACK 8.7.19.kmz	215.48 KB

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