

In Field Instrument Review
Date Range: 2026.01.04 – 2026.02.21
Review Completed on 2026.03.16 by Kaija Swisher

Status Messages and Action Taken

100351 (AST/Soldotna): 2/23 RFI, 2/23 Pump Error, 1/23 Tank Interference, 1/23 Static Analysis Error all on subject tests followed by passing tests apart from 1 RFI – No action taken.

100358 (AST/Tok): 7/24 RFI, 3 on subject tests followed by passing tests, 4 on TEST/TEST, 4/24 Internal standard errors all on TEST/TEST– Replacement instrument shipped 2/12/26, awaiting change in status form.

100361 (Soldotna PD): 1/8 Pump Error on subject test followed by passing test – No action taken.

100365 (Kenai PD): 1/11 Pump Error on subject test followed by passing test – No action taken.

100369 (AST/Fairbanks): 7/49 RFI all on subject tests followed by passing tests – No action taken.

100390 (Juneau PD): 1/24 Pump Error on subject test – Replaced instrument on 3/11/2026 due to filter wheel errors see (100390-Change-In-Status-2026-03-11).

100403 (Anchorage PD): 2/12 Interference on subject test on same individual, 2/12 Blank Error on subject tests followed by passing tests – No action taken.

100404 (Kotzebue PD): 1/1 Tank Interference on VOC followed by passing VOC on 2/25 – No action taken.

100412 (King Cove PD): 1/1 Standard Out of Range on VOC followed by passing VOC on 2/25 – No action taken.

100413 (Fairbanks PD): 2/31 RFI on subject tests followed by passing tests – No action taken.

100414 (AST/Delta Junction): 2/5 RFI on subject test on same individual followed by passing test. 1/2 Diagnostic failed on VOCs during cycle. Additionally, 8 VOCs occurred after cycle end date 2/22-2/23/26 – 6 failed diagnostic, 1 failed for interference failure reasons include Pump On, Pump Off, Internal standard error, Tank Interference – New instrument shipped week of 3/16/26.

100422 (JBER MP): 2/18 RFI, 1/18 Pump Error, 1/18 Interference, 1/18 Blank Error all on subject tests followed by passing tests – No Action taken.

100669 (Palmer PD): 8/39 RFI and 2/39 Pump Error all on subject tests followed by passing tests – No Action taken.

100670 (AST/Mat-Su): 2/24 RFI on subject tests on same individual followed by passing test – No Action taken.

100673 (Seward PD): 1/16 RFI, 2/16 Pump Error, 3/16 Standard out of Range, 1/16 Ambient Fail on subject tests. RFI, Pump error, and Ambient fail all on same individual followed by passing test. Pump error and all Standard out of ranges on same individual followed by passing test – Recommend monitoring for Standard Out of Range.

100680 (AST/Willow): Passing VOC occurred 3/7/26 after 5 attempts and a tank change, all Standard out of range errors see (100680-2026-03-07-Change-In-Status) – No action taken.

100684 (Fairbanks Airport PD): 1/4 Pump Error on subject test – No action taken.

100694 (Ft Wainwright MP): 1/7 Blank Error on TEST/TEST – No action taken.

100696 (Bethel PD): 1/8 Tank Interference on subject test followed by passing test – No action taken.

100697 (Homer PD): 1/13 RFI on subject test followed by passing test – No action taken.

100698 (AST/Glennallen): 1/3 RFI on subject test followed by passing test – No action taken.

100700 (UAF PD): 1/3 RFI Error on subject test followed by passing test – No action taken.

Follow Up from Previous Infield Instrument Review

100343 (Anchorage PD): 3/125 RFI, 1/125 Pump error, 1/125 Interference, 1/125 Internal Standard Error, 1/125 Static Analysis Error all on subject tests followed by passing tests – Continue monitoring for Internal Standard Errors.

100349 (Anchorage PD): 2/112 RFI, 2/112 Interference, 1/112 Standard Out of Range, all on subject tests. No Internal Standard Errors this cycle – Discontinue monitoring for Internal Standard Errors.

100699 (AST/Anchor Point): 1/4 Internal Standard Error on subject test followed by passing test – Continue monitoring for Internal Standard Errors.

Agencies not included in this summary:

100342 (Unalaska PD): Instrument does not upload reliably, datafiles not received from agency. Last VOC on file is 1/3/2026.

100348 (AST/Bethel): VOC files not received, no response from agency. Last VOC on file is 1/3/2026, last subject test 2/11/26.

100352 (Unalakleet PD): Instrument does not upload reliably, datafiles not received from agency. Last VOC on file is 12/12/2025. This is the second cycle in a row where files have not been received. No subject tests since 8/1/25.

100364 (Nome PD): Instrument does not upload reliably, datafiles not received from agency. Last VOC on file is 1/3/2026.

100370 (Eielson AFB): Instrument does not upload, datafiles not received from agency. Last VOC on file is 12/15/2025. VOC from 1/3/2026 needed.

100397 (Metlakatla PD): Instrument does not upload, datafiles not received from agency. Last VOC on file is 1/6/2026.

Subject Test Data

Serial Number	Total Subject Tests	Date Range								Total Tests 671								Total Codes						
		RFI		Pump Error		Interference		Tank Interference		Blank Error		Standard Out of Range		Gas Flow Error		Ambient Fail			Internal Standard Error		Diagnostic Failed			
		1/4/2026	2/21/2026	1/4/2026	2/21/2026	1/4/2026	2/21/2026	1/4/2026	2/21/2026	1/4/2026	2/21/2026	1/4/2026	2/21/2026	1/4/2026	2/21/2026	1/4/2026	2/21/2026		1/4/2026	2/21/2026	1/4/2026	2/21/2026		
100343	125	3	2%	1	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%	0	0%	6
100349	112	2	2%	0	0%	2	2%	0	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	5
100351	23	2	9%	2	9%	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	5
100358	24	7	29%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4	17%	0	0%	0	0%	11
100361	8	0	0%	1	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100365	11	0	0%	1	9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100369	49	7	14%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	7
100390	24	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100403	12	0	0%	0	0%	2	17%	0	0%	2	17%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100413	31	2	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100414	5	2	40%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100422	18	2	11%	1	6%	1	6%	0	0%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	5
100669	39	8	21%	2	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	10
100670	24	2	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100673	16	1	6%	2	13%	0	0%	0	0%	0	0%	3	19%	0	0%	1	6%	0	0%	0	0%	0	0%	7
100684	4	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100694	7	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100696	8	0	0%	0	0%	0	0%	1	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100697	13	1	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100698	3	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100699	4	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%	1
100700	3	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
Total	671	41	6%	12	2%	6	1%	2	0%	4	1%	4	1%	0	0%	1	0%	6	1%	0	0%	0	0%	76

The date range listed above represents the first and last dates of data generated from the DMHost report. The search range could be larger than the date range listed.

Subject Test Data

Serial Number	Total Subject Tests	User Abort		Detector Overflow		Barometer Error		Filter Wheel Error		Date Range		Total Tests		Total Messages		Samp Chamb Low	Breath Tube High	Static Analysis Error		Total Codes
										1/4/2026	2/21/2026	671	2	0.3%	1			1%	1	
100343	125	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%	1
100351	23	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	4%	1
Total	671	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0%	2

The date range listed above represents the first and last dates of data generated from the DMHost report. The search range could be larger than the date range listed.

VOC Data

Serial Number	Total VOC Tests	Date Range						Total Tests		Total Messages										Total Codes						
		RHI		Pump Error		Interference		Tank Interference		Blank Error		Standard Out of Range		Gas Flow Error		Ambient Fail		Internal Standard Error			Diagnostic Failed					
		1/4/2026	2/21/2026	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%		0	0%	0	0%	0	0%
100404	1	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100412	1	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100414	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%	1
Total	82	0	0%	0	0%	0	0%	1	1%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%	3

The date range listed above represents the first and last dates of data generated from the DMHost report. The search range could be larger than the date range listed.

VOC Data

Serial Number	Total VOC Tests	User Abort	Detector Overflow	Barometer Error	Filter Wheel Error	Date Range		Total Tests			Samp Chamb Low	Breath Tube High	Static Analysis Error	Total Codes	
						1/4/2026	2/21/2026	82	Total Messages	Filter 1 Won't Zero					
100255	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100342	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100343	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100344	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100345	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100346	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100347	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100348	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100349	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100350	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100351	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100352	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100353	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100354	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100355	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100356	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100357	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100358	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100359	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100360	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100361	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100362	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100363	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100364	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100365	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100366	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100367	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100368	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100369	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100370	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100371	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100372	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100373	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100374	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100375	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100376	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100377	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100378	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100379	3	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100380	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100381	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100382	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100384	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100385	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100386	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100387	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100388	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100389	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100390	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100391	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100392	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100395	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100396	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100397	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100398	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100399	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100400	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100402	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100403	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100404	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100405	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100406	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100410	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100411	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100412	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100413	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100414	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100415	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100416	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100417	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100418	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100420	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100421	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100422	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100423	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100424	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100665	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100666	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100667	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100668	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100669	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100670	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100671	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100672	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100673	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100674	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100675	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100676	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100677	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100678	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100679	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100680	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100681	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100682	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100683	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100684	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100685	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100686	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100687	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100688	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100689	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100690	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100691	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100692	2	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100693	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100694	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100695	0	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100696	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100697	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100698	1	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100699	4	0	0%	0	0%	0	0	0	0%	0	0	0	0%	0	0
100700	1	0	0%	0	0%	0	0	0	0%	0	0				