

In Field Instrument Review

01/04/2021 to 02/21/2021

Performed by Derek Walton

100255 (Clear AFB): 1/2 RFI on Subject Tests – No action taken

100344 (Juneau PD): 1/8 Blank error on Subject Tests – No action taken

100351 (Kenai PD): 1/3 Tank Interference on VOC – Instrument placed in service 01/20/2021, failed VOC followed immediately by a completed VOC – No action taken

100356 (Anchorage PD): 1/27 Subject Interference on Subject Tests – No action taken

100366 (Anchorage PD): 4/95 RFI and 1/95 Ambient Fail on Subject Tests – No action taken

100377 (AST St Mary's): 1/2 Blank error on Subject Tests – Followed immediately by a completed test – No action taken

100381 (AST Soldotna): 10/48 RFI and 1/48 Blank error on Subject Tests; 1/3 RFI and 1/3 Diagnostic Failed (RFI detected during Diagnostic) on VOC – Emailed the Breath Test Supervisor 4/6/21 to determine cause of RFI messages – Blank error followed by a completed test – *Recommend monitoring*

100386 (AST Unalakleet): 1/1 Subject Interference on Subject Tests, subject not tested again – No action taken

100398 (Galena PD): 1/2 Blank error on VOC – Followed immediately by a completed VOC – No action taken

100402 (Soldotna PD): 1/9 RFI on Subject Tests – No action taken

100413 (Kenai PD): 1/10 Tank Interference, 1/10 Internal Standard Error, and 3/10 Simulator Timeout (does not appear on In Field spreadsheet) on Subject Tests – Instrument was removed from service for these status messages – Refer to 100413 2021.01.11 Change in Status and 100413 2021.02.17 Change in Status

100416 (Fairbanks PD): 2/36 RFI and 1/36 Tank Interference on Subject Tests, 1/2 Tank Interference on VOC – Subject test tank interference on TEST, VOC followed immediately by a completed one – Instrument due for replacement (preventive maintenance due) on 04/03/2021 – *Replacement needed*

100421 (JBER): 3/16 RFI and 1/16 Blank error on Subject Tests – Blank error followed by completed test – No action taken

100423 (Ft Wainwright): 2/6 RFI on Subject Tests – No action taken

100668 (Palmer PD): 1/42 RFI, 2/42 Pump error, 1/42 Blank error on Subject Tests – Blank error followed by completed test – No action taken

100678 (AST Mat-Su West): 1/28 RFI and 2/28 Subject Interference on Subject Tests – Both Subject Interference messages on the same subject – No action taken

100689 (Anchorage PD): 2/106 Subject Interference, 1/106 Internal Standard Error, and 1/106 Detector Overflow on Subject Tests – Removed from service 02/11/2021; refer to In Field Instrument Review for 2020.12.12 – 2021.01.03

Follow ups from previous In Field Instrument Review

100406 (Juneau PD): No further Internal Standard errors

100680 (Dillingham PM): No further Diagnostic Fail messages or Pump errors

100689 (Anchorage PD): Removed from service 02/11/2021

**The only agency excluded from this review was Eielson AFB (100346)

Subject Test Data							Date Range		Total Tests			Total Messages			
							1/4/2021	2/21/2021	674			1			
Serial Number	Total Subject Tests	User Abort	Detector Overflow	Barometer Error	Filter Wheel Error	Suck Back Error	Undefined Error	Filter 1 Won't Zero	Samp Chamb Low	Breath Tube High	Static Analysis Error				
100255	2	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	9	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100344	8	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100345	3	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	7	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	0	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	9	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100352	9	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	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100355	8	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100356	27	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100357	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100358	0	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	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100361	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100362	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100363	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100364	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100365	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100366	95	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100367	8	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100368	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100369	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100370	5	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	33	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100377	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100378	42	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100379	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100380	16	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100381	48	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	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100385	1	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	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100388	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100389	4	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	2	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	2	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	0	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	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100402	9	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100403	1	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	5	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	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100413	10	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100414	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100415	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100416	36	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	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100421	16	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100422	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100423	6	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	0	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	42	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100669	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100670	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100671	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100672	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100673	1	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	7	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100676	0	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	28	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100679	6	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100680	6	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100681	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100682	4	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100683	4	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100684	0	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	106	0	0%	1	1%	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	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100693	6	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100694	3	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	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100697	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100698	7	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100699	0	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%	0	0%	0	0%
Total	674	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%

VOC Data										Date Range		Total Tests		0				0.0%			
										1/6/2021	2/21/2021	Total Messages	0	0	0	0	0	0	0	0	0
Serial Number	Total VOC Tests	User Abort	Detector Overflow	Barometer Error	Filter Wheel Error	Suck Back Error	Undefined Error	Filter 1 Won't Zero	Samp Chamb Low	Breath Tube High	Static Analysis Error										
100255	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100342	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100343	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100344	2	0	0%	0	0%	0	0%	0	0%	0	0%										
100345	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100346	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100347	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100348	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100349	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100350	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100351	3	0	0%	0	0%	0	0%	0	0%	0	0%										
100352	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100353	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100354	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100355	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100356	2	0	0%	0	0%	0	0%	0	0%	0	0%										
100357	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100358	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100359	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100360	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100361	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100362	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100363	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100364	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100365	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100366	2	0	0%	0	0%	0	0%	0	0%	0	0%										
100367	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100368	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100369	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100370	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100371	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100372	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100373	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100374	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100375	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100376	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100377	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100378	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100379	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100380	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100381	3	0	0%	0	0%	0	0%	0	0%	0	0%										
100382	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100384	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100385	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100386	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100387	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100388	2	0	0%	0	0%	0	0%	0	0%	0	0%										
100389	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100390	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100391	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100392	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100395	3	0	0%	0	0%	0	0%	0	0%	0	0%										
100396	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100397	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100398	2	0	0%	0	0%	0	0%	0	0%	0	0%										
100399	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100400	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100402	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100403	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100404	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100405	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100406	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100410	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100411	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100412	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100413	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100414	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100415	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100416	2	0	0%	0	0%	0	0%	0	0%	0	0%										
100417	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100418	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100420	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100421	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100422	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100423	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100424	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100665	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100666	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100667	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100668	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100669	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100670	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100671	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100672	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100673	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100674	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100675	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100676	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100677	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100678	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100679	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100680	2	0	0%	0	0%	0	0%	0	0%	0	0%										
100681	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100682	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100683	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100684	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100685	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100686	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100687	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100688	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100689	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100690	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100691	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100692	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100693	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100694	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100695	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100696	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100697	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100698	1	0	0%	0	0%	0	0%	0	0%	0	0%										
100699	0	0	0%	0	0%	0	0%	0	0%	0	0%										
100700	1	0	0%	0	0%	0	0%	0	0%	0	0%										
Total	80	0	0%	0	0%	0	0%	0	0%	0	0%										