

In Field Instrument Review: 02/22/2019 to 04/11/2019

Prepared By Derek Walton

100346 (Anchorage PD): 1/30 Subject Interference, 1/30 Blank Error – No action taken

100347 (Craig PD): 4/6 Gas Flow Error – Removed from service 3/22/19

100348 (Ft. Wainwright PD): 2/30 RFI, 1/30 Pump Error – No action taken

100349 (Ketchikan PD): 1/17 Blank Error – No action taken

100355 (Seward PD): 2/6 RFI, 1/6 Pump Error – Continue monitoring, no additional action taken

100356 (Skagway PD): 1/7 Pump Error – No action taken

100374 (Anchorage PD): 1/156 Blank Error – No action taken

100379 (Wasilla PD): 3/32 RFI – No action taken

100380 (Kodiak PD): 1/25 RFI, 2/25 Blank Error – Removed from service 04/03/19 for sticking 5 way valve

100382 (UAF PD): 3/12 RFI – No action taken

100388 (Whittier PD in Girdwood): 1/5 Internal Standard Error – Removed from service 03/05/19

100402 (Seldovia PD): 1/8 RFI – No action taken

100405 (Dillingham PD): 1/8 Pump Error – Removed from service 04/12/19 for tank interference and blank errors (refer to previous In Field Instrument Review)

100413 (Homer PD): 1/9 RFI – No action taken

100416 (Fairbanks PD): 1/27 RFI – No action taken

100418 (Kenai PD): 4/17 RFI, 2/17 Blank Error – No action taken

100422 (JBER): 1/12 Pump Error – No action taken

100668 (Palmer PD): 1/30 RFI, 1/30 Blank Error – No action taken

100670 (AST Bethel): 1/2 Diagnostic Failed (chopper wheel speed) – Recommend replacement

100678 (AST Mat-SU West): 2/22 RFI, 2/22 Subject Interference, 1/22 Tank Interference – No action taken

100681 (Whittier PD – Whittier): 1/3 Pump Error – No action taken

100687 (AST Soldotna): 4/34 RFI, 4/34 Tank Interference, 1/34 Blank Error, 1/34 Standard Out of Range
– Multiple status messages since end of In Field evaluation period, Recommend replacement

100691 (Valdez PD): 1/4 Gas Flow Error – No action taken

100694 (Anchorage PD): 1/99 Pump Error, 5/99 Subject Interference (3 subjects total), 2/99 Ambient Fail
– No action taken

100695 (JBER): 1/17 Pump Error, 1/17 Subject Interference, 1/17 Blank Error – No action taken

Does not include complete data for Ft. Yukon PD, AST St Mary's, NSBPD, Eielson AFB, Whittier PD –
Whittier or Whittier PD – Girdwood

Follow-up instruments from last In Field Instrument Review (not addressed above):

100415 (Sitka PD) – Removed from service on 04/22/19

Serial Number	Total Subject Tests	RFI	Pump Error	Interference	Tank Interference	Date Range		Total Tests		789		Ambient Fail	Internal Standard Error	Diagnostic Failed	
						2/22/2019	4/11/2019	Total Messages	67	8.5%					
						Blank Error	Standard Out of Range	Gas Flow Error							
100255	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100342	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100343	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100344	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100345	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100346	30	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%
100347	6	0	0%	0	0%	0	0%	0	0%	4	67%	0	0%	0	0%
100348	30	2	7%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
100349	17	0	0%	0	0%	0	0%	0	0%	1	6%	0	0%	0	0%
100350	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100351	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100352	11	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100353	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100354	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100355	6	2	33%	1	17%	0	0%	0	0%	0	0%	0	0%	0	0%
100356	7	0	0%	1	14%	0	0%	0	0%	0	0%	0	0%	0	0%
100357	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100358	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100359	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100360	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100361	8	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100362	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100363	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100364	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100365	5	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100366	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100367	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100368	2	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	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100371	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100372	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100373	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100374	156	0	0%	0	0%	0	0%	1	1%	0	0%	0	0%	0	0%
100375	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100376	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100377	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100378	40	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100379	32	3	9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100380	25	1	4%	0	0%	0	0%	2	8%	0	0%	0	0%	0	0%
100381	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100382	12	3	25%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100384	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100385	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100386	6	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100387	7	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100388	5	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100389	8	0	0%	0	0%	0	0%	0	0%	0	0%	1	20%	0	0%
100390	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100391	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100392	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100395	8	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100396	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100397	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100398	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100399	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100400	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100402	8	1	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100403	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100404	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100405	8	0	0%	1	13%	0	0%	0	0%	0	0%	0	0%	0	0%
100406	23	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100410	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100411	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100412	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100413	9	1	11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100414	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100415	6	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100416	27	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100417	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100418	17	4	24%	0	0%	0	0%	2	12%	0	0%	0	0%	0	0%
100420	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100421	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100422	12	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%	0	0%
100423	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100424	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100665	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100666	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100667	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100668	30	1	3%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%
100669	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100670	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%
100671	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100672	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100673	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100674	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100675	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100676	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100677	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100678	22	2	9%	0	0%	2	9%	0	0%	0	0%	0	0%	0	0%
100679	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100680	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100681	3	0	0%	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%
100682	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100683	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100684	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100685	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100686	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100687	34	4	12%	0	0%	0	0%	4	12%	1	3%	0	0%	0	0%
100688	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100689	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100690	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100691	4	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%
100692	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
100693	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100694	99	0	0%	1	1%	5	5%	0	0%	0	0%	2	2%	0	0%
100695	17	0	0%	1	6%	1	6%	0	0%	1	6%	0	0%	0	0%
100696	0	0													

