

C1

Streaming UAV			sta1
Number of clients			1
sta1			
Round (#)	Initialization time	Number of stalls	Total stall time
180835	1073,721069	0	0
181016	831,277039	0	0
181454	1148,511963	0	0
181630	1169,11499	0	0
181927	1016,883972	0	0
182104	775,515015	0	0
182428	1063,645996	0	0
182603	999,21698	0	0
190111	1019,438049	0	0
190248	847,768005	0	0
Average	994,5093078	0	0
Median	1018,1610105	0	0
Standard dev.	134,3870283713	0	0

	Desv. Pad.	Amostras	Erro padrão
Initialization time	994,5093078	134,3870283713	10 84,99381953
Number of stalls	0	0	10 0
Total stall time	0	0	10 0

sta1				sta2			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
174822	951,322021	0	0	174822	999,075989	0	0
174958	1068,148071	0	0	174958	884,38501	0	0
175134	918,062988	0	0	175134	1164,399048	0	0
175310	953,100952	0	0	175310	939,205017	0	0
175448	1103,172974	0	0	175448	970,437988	0	0
175710	1116,279907	0	0	175710	1245,928955	0	0
175909	1085,046021	0	0	175909	901,289001	0	0
180055	1163,817017	0	0	180055	988,085999	0	0
180231	870,156982	0	0	180231	832,807007	0	0
180408	1046,180054	0	0	180408	1129,199951	0	0
Average				Average			
1027,5286987				1005,4813965			
Median				Median			
1057,1640625				979,2619935			
Standard dev.				Standard dev.			
97,5106456477				133,1987621003			

	Desv. Pad.	Amostras	Erro padrão
Initialization time	1016,5050476	114,1749681822	20 51,0605980368
Number of stalls	0	0	20 0
Total stall time	0	0	20 0

sta1				sta2			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
170018	1133,806885	0	0	170018	997,648987	0	0
170325	858,147949	0	0	170325	932,21405	0	0
170502	1062,157959	0	0	170502	959,799011	0	0
171307	1010,736938	0	0	171307	930,695984	0	0
171443	1048,820068	0	0	171443	1179,540039	0	0
172912	962,513	0	0	172912	864,794006	0	0
173402	849,080017	0	0	173402	844,46698	0	0
173628	986,011963	0	0	173628	917,491028	0	0
174253	856,078979	0	0	174253	1063,661011	0	0
174644	828,674988	0	0	174644	1065,613037	0	0

sta3			
Round (#)	Initialization time	Number of stalls	Total stall time
170018	1151,593018	0	0
170325	875,231018	0	0
170502	1029,518066	0	0
171307	1022,495972	0	0
171443	1113,458008	0	0
172912	897,180969	0	0
173402	809,228027	0	0
173628	814,252014	0	0
174253	982,756958	0	0
174644	822,065002	0	0
Average	951,7779052	0	0
Median	939,9689635	0	0
Standard dev.	126,0380636485	0	0

sta1				sta2			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
161641	830,562012	0	0	161641	843,214966	0	0
161820	931,97699	0	0	161820	1160,102051	0	0
161959	743,062988	0	0	161959	948,579041	0	0
162439	1023,828003	0	0	162439	938,767029	0	0
162618	973,766052	0	0	162618	1047,474976	0	0
164305	964,403992	3	111,350998	164305	930,424988	1	61,974998
164443	988,111023	0	0	164443	1046,64502	1	53,605999
164623	888,719971	1	36,092999	164623	965,362	1	79,715996
165236	885,518005	0	0	165236	1119,187988	0	0
165426	1061,295044	0	0	165426	1139,654053	0	0
Average				Average			
Median				Median			
Standard dev.				Standard dev.			
929,124408				1013,9412112			
0,4				0,3			
14,7443997				19,5296993			
0				0			
0				0			
94,8861107712				104,7978833884			
0,9660917831				0,4830458915			
35,7891605367				32,0677268998			

	Desv. Pad.	Amostras	Erro padrão
Initialization time	956,824372975	114,0613010351	40 36,0693504153
Number of stalls	0,35	0,6621642836	40 0,2093947321
Total stall time	19,8155246	43,9916504487	40 13,9113813448

sta3				sta4			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
161641	793,924988	2	223,867996	161641	926,522949	0	0
161820	1031,82605	0	0	161820	1123,065918	1	102,278999
161959	821,192017	0	0	161959	994,731995	0	0
162439	1049,791016	0	0	162439	929,619019	0	0
162618	986,972961	0	0	162618	760,557983	0	0
164305	996,247009	1	30,734999	164305	804,503967	0	0
164443	1205,212891	1	29,154999	164443	917,309998	0	0
164623	863,713013	0	0	164623	939,460999	1	31,636
165236	842,45697	1	32,207001	165236	774,03894	0	0
165426	1027,343018	0	0	165426	1053,827026	0	0
Average				Average	922,3638794	0,2	13,3914999
Median				Median	928,070984	0	0
Standard dev.				Standard dev.	117,9741940722	0,4216370214	32,7761895906

sta1				sta2				sta3			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
155543	1136,741089	0	0	155543	875,072021	0	0	155543	1032,188965	0	0
155856	871,832031	0	0	155856	985,156982	2	137,763992	155856	996,026001	4	153,299011
160035	976,851013	0	0	160035	1020,894043	0	0	160035	966,531982	1	38,500999
160215	938,848022	2	78,471001	160215	990,960999	0	0	160215	1093,99292	1	41,908001
160356	931,690979	0	0	160356	787,192993	0	0	160356	983,130005	0	0
160809	1081,490967	63	1242,984985	160809	1306,184082	0	0	160809	1116,776001	74	1525,887207
160949	0	0	0	160949	0	0	0	160949	0	0	0
161029	1097,394897	74	1496,380005	161029	1210,13501	18	587,987976	161029	1421,394897	1	95,521004
161212	850,233032	37	2085,931885	161212	927,390991	1	60,830002	161212	914,157959	0	0
161459	1034,098999	37	1117,585938	161459	1115,476929	0	0	161459	1090,942993	15	275,51001
Average				Average	930,9388122	11	387,0580858	Average	984,3955078	3,7	143,2974049
Median				Median	929,6860045	2	193,6660005	Median	985,0300295	1	74,0475005
Standard dev.				Standard dev.	93,8892535562	21,8632111091	462,1460904273	Standard dev.	130,3564496039	8,5641371103	219,9205152116

		Desv. Pad.	Amostras	Erro padrão
Initialization time	951,53222778	338,6685458905	50	95,7899301495
Number of stalls	10,24	25,1621760196	50	7,1169381171
Total stall time	343,4790654	628,2804124138	50	177,704536042

sta4				sta5			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
155543	920,517029	2	139,01799	155543	1082,557007	3	211,088989
155856	905,778015	0	0	155856	898,674011	0	0
160035	895,901978	2	147,498001	160035	842,018005	1	42,931
160215	952,252991	0	0	160215	825,546997	1	271,571014
160356	1068,657959	1	39,222	160356	903,69397	1	110,032997
160809	1319,119019	88	1723,995239	160809	1057,374023	11	418,169006
160949	0	0	0	160949	0	0	0
161029	1114,23999	48	1350,154053	161029	1252,060059	0	0
161212	879,583984	1	15,812	161212	948,515015	2	185,845993
161459	1340,283081	68	1694,160156	161459	979,690002	78	2297,468994

Average	932,1749085	13,3	424,8952334	Average	953,4723999	10,3	339,9919834
Median	958,760498	2,5	195,5040055	Median	951,6025085	2,5	141,4820025
Standard dev.	92,7017839678	35,4026050517	740,8579618836	Standard dev.	104,8987224423	20,2542176678	466,5961842944

sta1				sta2				sta3			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
150623	767,714966	2	70,741997	150623	767,035034	3	177,395996	150623	792,458008	1	56,538002
150911	908,197998	5	302,143982	150911	1017,017029	24	942,449036	150911	922,252014	1	110,103004
151052	959,110046	2	102,255997	151052	875,995972	1	58,299999	151052	834,708984	0	0
153153	904,304016	1	205,840012	153153	999,591003	2	28,498999	153153	1089,708984	0	0
153336	999,955017	2	122,294998	153336	867,298035	2	630,124023	153336	905,200012	2	139,335999
153516	698,521973	3	238,659988	153516	847,590027	1	63,598999	153516	1028,536987	1	38,169998
153917	1137,104004	107	2878,647217	153917	1003,082031	70	1405,14978	153917	1071,666016	28	724,80603
154108	1026,898071	3	189,589005	154108	906,098022	2	260,576019	154108	947,02002	1	265,830017
154638	1265,562012	3	80,07	154638	1072,406982	2	94,552002	154638	1229,364014	2	91,556999
154827	899,427002	1	31,282999	154827	953,273987	3	209,936005	154827	1023,040039	1	6,634
Average				Average				Average			
Median				Median				Median			
Standard dev.				Standard dev.				Standard dev.			
956,6795105				930,9388122				984,3955078			
12,9				11				3,7			
422,1526195				387,0580858				143,2974049			
933,654022				929,6860045				985,0300295			
2,5				2				1			
155,9420015				193,6660005				74,0475005			
165,1582181647				93,8892535562				130,3564496039			
33,0839000791				21,8632111091				8,5641371103			
867,2339010419				462,1460904273				219,9205152116			

	Desv. Pad.	Amostras	Erro padrão
Initialization time	957,9213378833	116,0350549509	60 29,9601223601
Number of stalls	10,55	24,930020702	60 6,4369036666
Total stall time	359,6162922	606,9782336334	60 156,721106025

sta4				sta5				sta6			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
150623	756,877014	2	199,009003	150623	739,551025	3	290,098999	150623	857,588013	2	21,569
150911	954,619995	3	278,393005	150911	1010,30896	22	1011,139954	150911	1016,370056	6	203,959991
151052	893,479004	1	37,410999	151052	887,046997	0	0	151052	1107,285034	0	0
153153	1041,00708	0	0	153153	1072,63501	1	49,509998	153153	1003,813965	1	23,143999
153336	972,937012	3	263,953979	153336	988,609009	4	225,274002	153336	965,473999	1	139,363998
153516	847,338013	1	191,999008	153516	900,844971	3	138,125	153516	902,111023	3	171,665985
153917	962,901001	114	2503,0354	153917	1110,80603	65	1379,207886	153917	940,303955	85	2031,118286
154108	849,063965	4	449,084961	154108	980,372009	2	144,839005	154108	1230,420898	21	1669,281006
154638	1020,14801	3	154,998993	154638	921,71698	2	69,823997	154638	974,053955	0	0
154827	1023,377991	2	171,066986	154827	922,833008	1	91,900993	154827	901,247986	2	142,921997
Average				Average	953,4723999	10,3	339,9919834	Average	989,8668884	12,1	440,3024262
Median				Median	951,6025085	2,5	141,4820025	Median	969,763977	2	141,1429975
Standard dev.				Standard dev.	104,8987224423	20,2542176678	466,5961842944	Standard dev.	110,0019394901	26,3668562994	751,6793849249

sta1				sta2				sta3			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
145758	796,117004	6	878,250977	145758	923,718994	6	573,315002	145758	869,914001	9	801,939026
145937	975,234985	1	67,685997	145937	927,36499	1	103,398003	145937	863,399048	0	0
150248	951,619995	3	122,759995	150248	865,019043	1	128,994995	150248	1022,601013	5	503,76297
101416	919,36499	76	1827,695435	101416	1028,491943	42	839,948853	101416	1022,997986	122	2874,532959
101605	806,565979	1	64,359001	101605	788,270996	1	82,945	101605	872,046021	1	80,487999
101954	992,905029	3	209,666	101954	968,255981	3	180,940994	101954	885,218994	4	192,106995
102201	1095,2229	0	0	102201	916,828003	2	91,209	102201	1174,541992	4	278,174988
102404	1168,812988	1	45,987	102404	1168,067017	1	7,278	102404	931,194031	3	241,286011
102544	1040,770996	2	148,210999	102544	977,976013	1	75,367004	102544	969,654968	2	46,412998
102724	935,827026	2	330,383972	102724	824,209961	3	116,955002	102724	1009,43103	1	125,774994
102939	1068,290039	3	337,464996	102939	998,709045	1	47,253002	102939	939,919006	2	110,993004
103425	1039,848022	5	2211,99707	103425	986,029968	3	414,931	103425	923,947998	3	272,901978
103724	884,789001	2	343,151978	103724	855,274963	4	369,760986	103724	914,605042	4	429,051025
103905	793,677002	4	1831,628052	103905	856,757996	7	658,258057	103905	870,200989	5	939,542969
104105	785,261963	4	233,440002	104105	818,861023	1	126,348999	104105	1066,01001	3	138,514999
104429	750,003967	20	712,659058	104429	843,671021	13	239,822998	104429	841,264038	10	230,337006
104609	830,851013	10	1615,098022	104609	1048,098999	7	1494,705811	104609	768,096985	7	1614,440063
104749	1044,20105	2	72,774002	104749	1005,153992	3	70,632004	104749	961,160034	2	172,050003
105047	902,489014	8	722,719055	105047	1047,780029	2	743,707947	105047	981,846985	3	285,17099
105232	837,96698	0	0	105232	1017,205017	3	97,723	105232	881,573975	2	54,435001
105527	989,772034	1	87,658005	105527	808,81897	7	519,256958	105527	731,355042	3	192,96701
123955	752,143982	1	22,335001	123955	830,570007	2	303,885986	123955	966,244995	1	57,410004
130244	704,235046	1	50,494999	130244	846,096985	1	76,716995	130244	851,256042	3	108,744995
130423	799,727051	5	563,906982	130423	945,146973	3	224,264984	130423	775,958984	3	290,434998
130602	813,674988	2	140,150009	130602	731,797974	2	9,076	130602	1217,059937	3	165,395996
130744	855,083008	2	125,343002	130744	856,911987	0	0	130744	964,110046	0	0
130924	811,588989	3	223,246002	130924	834,343018	4	158,185013	130924	961,742981	4	599,768005
131104	1004,372925	63	1387,740845	131104	901,917969	71	2825,782959	131104	1008,314941	68	1803,702393
131245	1003,972046	2	105,662003	131245	1025,208008	1	44,952	131245	975,638	3	641,494995
131657	1100,744019	3	250,167999	131657	1068,92395	4	277,19397	131657	817,358032	0	0
Average	915,1711343667	7,8666666667	491,0878819333	Average	923,8493611667	6,6666666667	363,4270174	Average	934,6221048667	9,3333333333	441,7278124667
Median	910,927002	2,5	216,456001	Median	920,2734985	3	143,590004	Median	935,5565185	3	211,652008
Standard dev.	123,6675090867	17,2701323465	634,3396974281	Standard dev.	101,5709132375	14,3246431823	566,0927088887	Standard dev.	107,7026080492	24,4516882336	633,4875571389

		Desv. Pad.	Amostras	Erro padrão
Initialization time	929,5814781429	115,2976206508	210	15,912583417
Number of stalls	7,3714285714	16,485317314	210	2,2751899427
Total stall time	440,5280422429	570,8095265501	210	78,7791990433

sta4				sta5			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
145758	840,923035	6	593,670044	145758	933,002014	5	407,520966
145937	1069,638916	3	373,498993	145937	907,051025	7	429,195007
150248	946,549011	4	328,333984	150248	913,371033	3	379,389008
101416	876,913025	23	586,704041	101416	929,416016	1	53,948997
101605	903,992981	2	91,335999	101605	1213,73999	4	131,850998
101954	909,994019	3	256,752991	101954	1008,221985	5	316,075989
102201	1089,033936	3	448,890015	102201	871,713013	2	161,416
102404	1339,614014	1	21,098001	102404	1006,737	4	351,495972
102544	902,909973	1	22,587999	102544	921,60498	1	60,271
102724	942,929016	3	72,638	102724	882,129028	2	299,686005
102939	1034,337036	6	259,024994	102939	907,302979	24	1681,905884
103425	1110,191895	2	220,260986	103425	878,922974	5	530,508972
103724	1166,893921	6	487,061005	103724	839,197998	5	239,330002
103905	975,877014	2	420,302002	103905	984,875977	4	838,323975
104105	997,286987	2	431,062012	104105	938,130005	5	158,825989
104429	916,945984	3	138,774994	104429	765,367981	102	2075,865479
104609	908,514038	7	1569,412964	104609	876,410034	6	925,416992
104749	1012,46405	2	97,959	104749	1006,165955	12	2170,738037
105047	947,116943	1	37,992001	105047	940,291016	4	570,390015
105232	1016,569031	0	0	105232	946,203979	1	27,787001
105527	851,423035	0	0	105527	795,252014	8	996,757996
123955	863,022034	5	289,613007	123955	1061,054932	1	50,200001
130244	916,463013	0	0	130244	794,260986	29	2244,105957
130423	797,882019	3	371,052002	130423	892,213013	2	81,917
130602	902,324951	1	251,803009	130602	708,606018	3	207,837997
130744	795,997009	3	529,624023	130744	857,744995	3	547,127991
130924	797,595947	3	50,695	130924	825,083008	2	390,205017
131104	949,537964	10	333,03302	131104	958,583984	2	110,783005
131245	970,726013	2	175,943008	131245	839,994019	4	241,606995
131657	909,440979	2	178,850006	131657	950,31604	1	54,411999
Average	955,4369263	3,6333333333	287,9324366667	Average	911,7654663667	8,5666666667	557,8298748667
Median	929,9375	3	254,278	Median	910,337006	4	333,7859805
Standard dev.	116,635151659	4,2950118087	304,5268993797	Standard dev.	96,3943704639	18,726126564	649,37093389

sta6				sta7			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
145758	781,64502	3	247,069	145758	857,406982	6	564,205994
145937	1165,562988	4	133,548996	145937	965,508972	1	213,378998
150248	873,567993	2	81,976997	150248	855,846985	5	207,404007
101416	1051,347046	54	876,771973	101416	953,647949	34	706,272949
101605	894,421997	0	0	101605	857,856995	2	145,225998
101954	1065,467896	4	342,593994	101954	1058,882935	2	101,169998
102201	1378,28894	2	89,094002	102201	1196,207031	2	125,277
102404	1116,432983	2	253,522003	102404	1029,041016	3	140,671005
102544	850,859985	1	164,363998	102544	1082,844971	2	50,482002
102724	1040,338013	3	190,706009	102724	1008,488037	1	188,130005
102939	945,364014	4	373,313019	102939	949,164001	5	408,540009
103425	910,260986	2	107,516998	103425	938,072998	4	731,041016
103724	840,192993	2	159,742004	103724	886,335022	4	410,788025
103905	772,400024	5	790,299988	103905	877,786011	4	1335,011963
104105	842,153015	2	292,64801	104105	945,242981	2	197,690994
104429	861,544006	67	2277,431152	104429	741,375977	53	1860,0271
104609	778,164001	3	737,604004	104609	767,019958	5	1445,537109
104749	966,373962	2	226,841003	104749	828,541992	3	193,199005
105047	1055,542969	0	0	105047	1046,228027	4	603,10199
105232	996,695007	6	2604,981934	105232	857,682007	3	478,335999
105527	798,34198	5	410,619995	105527	1137,666992	2	229,021988
123955	973,204956	3	129,494995	123955	1013,968018	2	116,053001
130244	803,264954	3	169,953003	130244	836,453003	1	74,683006
130423	743,86499	5	695,641968	130423	743,857056	3	346,85199
130602	1190,641968	0	0	130602	970,86499	4	326,961975
130744	917,573975	3	264,059998	130744	872,401001	2	91,195999
130924	907,232971	5	735,075073	130924	765,25	4	256,687988
131104	805,221008	37	1525,828003	131104	1026,30603	62	1932,086914
131245	882,794983	2	30,427	131245	947,994995	3	158,05101
131657	889,275024	3	333,789001	131657	870,777039	4	368,739014
Average	936,6013549	7,8	474,8304706667	Average	929,6239990333	7,7333333333	466,8608017
Median	900,827484	3	250,2955015	Median	941,6579895	3	242,854988
Standard dev.	145,7876741021	15,7882540364	631,0064784466	Standard dev.	114,4524302597	14,759995639	512,2314515646

sta1				sta2			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
142341	950,502991	105	2291,164062	142341	984,072021	73	1887,654907
142542	807,98999	3	845,565979	142542	935,133972	6	1592,932983
142724	1073,488892	4	481,264008	142724	1077,509033	32	10508,166016
142915	861,474976	169	3776,479736	142915	1437,337036	123	3552,015381
143120	1045,788086	6	1131,331055	143120	984,942017	8	1416,039917
143301	982,945984	5	368,449982	143301	953,55896	6	980,651978
143443	954,810974	2	116,282005	143443	855,225037	7	758,508972
143624	1067,867065	90	1808,773804	143624	965,973022	61	1388,245117
143827	877,429016	7	2085,098145	143827	843,641968	25	7672,211426
144022	937,536987	7	555,618042	144022	915,922974	14	1449,711182
154045	932,282959	0	0	154045	940,640991	4	582,901978
154227	892,510986	8	573,593994	154227	895,34198	3	374,760986
154407	1072,451904	4	1339,75	154407	967,851013	3	387,993988
154644	991,122009	7	543,623047	154644	1058,087036	7	1028,073975
155200	968,539001	22	3409,948486	155200	852,942993	4	1123,723022
155340	810,459961	4	1057,515991	155340	951,61499	4	806,414062
155520	802,786987	2	795,077026	155520	1096,084961	4	474,475006
160226	980,567993	1	33,282001	160226	1048,271973	3	590,151978
160407	863,91095	4	1093,150024	160407	901,314026	4	693,101013
160546	1130,750977	8	1470,717163	160546	893,461975	5	994,999023
160727	934,973999	7	1757,108032	160727	933,857971	7	1621,397949
162856	1231,138916	128	2832,304932	162856	986,190979	110	2560,147461
163059	935,953979	3	1470,437988	163059	1039,50293	5	845,046021
163243	807,375	4	520,705994	163243	816,394958	4	666,771973
165317	920,113037	1	89,465996	165317	1012,262939	36	8735,237305
165535	968,891968	3	982,76001	165535	1100,767944	13	2285,545898
165715	789,829041	6	845,525024	165715	907,369019	1	49,865002
165953	1037,471069	36	5404,816895	165953	1048,917969	3	154,571991
170257	1077,536011	25	10316,719727	170257	1027,788086	6	2485,39502
170529	1220,967041	2	90,296997	170529	1003,151062	2	648,22699
Average	964,3156249667	22,4333333333	1602,8942048333	Average	981,1710611667	19,4333333333	1943,831284
Median	952,6569825	5,5	1020,1380005	Median	966,9120175	6	1011,536499
Standard dev.	116,4947997657	42,3122085042	2057,6188671703	Standard dev.	115,1482806254	31,4945899386	2534,9756226882

		Desv. Pad.	Amostras		Erro padrão
Initialization time	966,5829955708	131,0871543081	80	29,311978801	
Number of stalls	19,225	51,2421343146	80	11,458089564	
Total stall time	1548,4034900542	2189,6046601009	80	489,610486348	

sta3				sta4			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
142341	965,719971	99	2647,584961	142341	1223,245972	2	18,521
142542	1044,583984	4	1492,325073	142542	1075,904053	14	9315,458984
142724	902,065979	19	960,807068	142724	1064,699097	11	1684,189087
142915	1033,28894	175	3835,894531	142915	1104,536011	128	2768,19873
143120	977,105957	17	8720,269531	143120	816,47998	4	1268,342041
143301	929,894958	2	453,390015	143301	946,763977	5	996,708008
143443	939,011963	0	0	143443	856,510986	5	343,179993
143624	1186,69104	144	3099,641113	143624	1187,390015	2	359,953003
143827	861,661987	8	2334,022949	143827	849,940002	6	2157,517822
144022	992,21405	3	727,911987	144022	1084,083984	5	259,268982
154045	839,981995	5	558,825012	154045	927,448975	30	2842,943848
154227	968,087036	17	5529,458008	154227	820,044006	23	6332,474121
154407	881,244019	8	1771,354004	154407	990,781006	7	1281,465088
154644	891,031006	6	640,681946	154644	894,779968	5	379,984985
155200	972,614014	6	687,260925	155200	1001,356018	4	606,291016
155340	829,929016	4	1740,98999	155340	833,013	5	1227,760986
155520	998,794006	4	256,921997	155520	805,38501	5	912,873047
160226	899,911987	1	45,145	160226	1082,852051	3	630,185974
160407	981,917053	5	587,404968	160407	903,823975	11	2887,896973
160546	906,762024	6	1489,244995	160546	969,132996	4	779,325989
160727	1008,632996	10	2317,809082	160727	1202,875977	20	4779,769043
162856	1182,927979	101	2265,989258	162856	1043,495972	90	2976,166016
163059	1002,607971	2	189,321991	163059	933,440979	3	649,375977
163243	964,964966	7	702,968994	163243	992,570007	4	235,060013
165317	962,767029	4	580,846985	165317	1020,85498	15	3669,439453
165535	965,781982	4	2737,119141	165535	1092,499023	5	1319,692017
165715	983,628967	6	937,164001	165715	836,661011	4	855,065979
165953	917,471985	6	243,766998	165953	991,164978	5	378,519012
170257	897,141968	6	1041,580933	170257	962,43103	5	770,036987
170529	1043,531982	4	331,740997	170529	1057,046997	3	412,243988
Average	964,3989603333	22,7666666667	1630,9147484333	Average	985,7070678667	14,4333333333	1769,9302720667
Median	965,7509765	6	948,9855345	Median	990,972992	5	954,7905275
Standard dev.	82,4717810094	44,4930706215	1842,7857767907	Standard dev.	118,3178299555	27,0066190269	2050,3636747048

sta5				sta6			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
142341	1121,495972	113	2724,151367	142341	1042,529907	130	2867,15332
142542	846,169983	4	1099,194946	142542	939,533997	3	1479,123901
142724	896,635986	6	471,639984	142724	1042,708984	5	556,353027
142915	952,953979	14	557,687012	142915	1147,492065	94	1839,558716
143120	883,024963	20	10550,080078	143120	945,199036	3	262,485992
143301	1065,381958	3	465,046997	143301	1138,129028	10	1679,69397
143443	920,404968	3	332,117004	143443	1040,36499	3	209,278992
143624	1029,953003	155	3448,45166	143624	1165,824097	149	3457,77124
143827	1027,16394	11	2324,577637	143827	976,55603	7	1965,888184
144022	798,690002	10	1182,720947	144022	892,862	8	897,690002
154045	886,291992	3	115,100006	154045	934,818054	3	467,108032
154227	752,496033	8	547,89801	154227	887,325989	1	104,241997
154407	937,96698	11	1891,121094	154407	968,161987	5	1051,195068
154644	1144,029053	7	525,755981	154644	1100,400024	4	885,442017
155200	867,109009	4	108,406998	155200	859,848022	4	341,678986
155340	861,886963	5	456,693024	155340	848,307007	14	3799,503174
155520	850,999023	4	607,299011	155520	871,72699	3	495,289001
160226	1176,344971	5	608,106018	160226	865,919983	5	203,563004
160407	937,734009	2	642,146973	160407	894,58197	6	406,257996
160546	957,195984	17	5390,560547	160546	918,529968	4	538,296997
160727	969,870972	6	1628,87207	160727	932,425964	7	2317,789795
162856	1112,866089	0	0	162856	1178,405029	101	2308,205322
163059	1147,317017	34	10493,149414	163059	984,080017	4	296,533966
163243	821,237976	4	967,859009	163243	742,083008	6	938,362061
165317	1005,092041	1	11,118999	165317	951,277954	4	213,505981
165535	993,994995	4	1636,213013	165535	1105,901978	8	2613,832764
165715	948,70697	14	2874,112061	165715	876,315002	2	323,307983
165953	1037,717041	18	7210,96582	165953	831,947998	1	36,207001
170257	941,492981	13	2728,612305	170257	958,095032	7	1373,12793
170529	1193,258057	8	1088,765015	170529	993,630005	3	207,449997
Average	969,516097	16,9	2089,6141	Average	967,8327371667	20,1333333333	1137,8632138667
Median	950,8304745	6,5	1028,312012	Median	948,238495	5	720,897522
Standard dev.	116,9458915612	33,0666516036	2806,0988055411	Standard dev.	109,2618174503	40,1872628074	1063,7246609227

sta7				sta8			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
142341	867,618042	100	2721,833496	142341	1066,149048	78	1955,467896
142542	809,495972	2	1263,254028	142542	852,906006	3	1201,250122
142724	1289,266968	2	115,774002	142724	1083,619019	4	172,326019
142915	1050,281982	46	1247,364868	142915	1242,851929	144	3243,301025
143120	938,264038	8	1167,039062	143120	958,919006	9	1215,571045
143301	848,023987	5	1380,028076	143301	1057,679077	8	1275,588013
143443	1234,488037	4	277,575989	143443	965,695007	4	230,860992
143624	1303,861938	112	2776,445557	143624	982,567017	135	3253,613037
143827	1055,72998	13	3024,908203	143827	823,434998	6	1297,98999
144022	944,962952	5	840,049072	144022	1279,840942	5	1185,341064
154045	789,27301	1	133,895996	154045	879,531982	1	219,576004
154227	886,084961	3	195,684998	154227	867,059021	4	1049,171997
154407	878,322998	5	436,601013	154407	703,075012	7	878,419922
154644	949,192017	5	805,591003	154644	1135,841919	6	489,471985
155200	804,503967	4	557,852051	155200	829,682983	2	368,637024
155340	890,254028	6	1480,551025	155340	864,426941	5	808,213928
155520	832,572998	1	137,277008	155520	842,266052	14	3033,289062
160226	1050,956909	3	290,22699	160226	900,958984	3	225,981995
160407	926,049011	3	400,973022	160407	692,394043	3	155,555008
160546	1026,986938	7	2184,605957	160546	894,52301	7	565,041992
160727	979,130005	7	1651,094971	160727	946,591003	9	2577,447021
162856	953,154968	107	2401,519775	162856	953,050964	150	3571,464355
163059	753,714966	4	828,03302	163059	957,494995	1	134,477005
163243	749,244995	7	663,357056	163243	852,578003	5	702,280029
165317	924,495972	3	522,432007	165317	888,833008	2	227,545013
165535	870,937988	6	735,583984	165535	1268,587891	8	2420,38916
165715	942,206055	4	427,432983	165715	946,575012	3	262,557983
165953	782,505981	3	200,313995	165953	891,439026	7	505,684967
170257	1080,309937	4	1368,016113	170257	889,258972	12	1736,06189
170529	1091,661011	4	781,31604	170529	970,289001	2	386,196014
Average	950,1184203667	16,1333333333	1033,887712	Average	949,6039957	21,5666666667	1178,2923852333
Median	932,1565245	4,5	793,4535215	Median	923,766998	5,5	843,316925
Standard dev.	146,4063758306	31,6246666422	850,6989471687	Standard dev.	143,7523837118	43,3960774752	1064,3197214833

sta1				sta2				sta3			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
135603	1091,098999	124	2826,430664	135603	847,39502	84	2114,660156	135603	902,629944	125	2633,998291
135807	887,658997	11	2656,790039	135807	929,851013	8	2579,59375	135807	993,19397	25	9063,302734
140803	883,390015	6	643,14502	140803	826,318054	34	5511,072266	140803	912,289001	7	552,435974
140955	1125,888916	5	547,868042	140955	808,554016	4	967,074036	140955	1156,237061	4	561,049988
141215	858,041016	23	6321,946777	141215	909,275024	7	2337,761963	141215	840,604004	7	1778,583984
141359	1038,771973	6	1609,012939	141359	919,584961	9	584,838013	141359	955,664978	4	305,584991
141603	846,041992	10	1542,317871	141603	1012,361023	11	1237,119751	141603	806,560974	5	1344,192139
141808	886,729004	4	1107,758911	141808	691,461975	5	297,761017	141808	856,625977	8	472,872986
142005	923,503967	30	5023,785156	142005	917,911011	8	1972,589966	142005	1029,10498	9	2650,427002
142159	833,825989	4	1055,733032	142159	953,632019	15	6434,561035	142159	1097,401978	6	958,696045
143340	1018,278015	13	9476,714844	143340	861,415039	11	6406,940918	143340	1016,607056	9	5238,123535
143850	764,275024	5	580,138	143850	1002,048035	8	1158,19397	143850	805,352966	7	1441,359009
144034	1001,324036	5	1187,825073	144034	1051,859985	6	328,895996	144034	1076,289062	6	1073,848022
144227	888,343994	1	232,313004	144227	1007,779968	0	0	144227	894,387024	3	244,362991
144554	828,362	7	1843,631104	144554	1055,508911	6	2506,211914	144554	856,396973	7	1664,430054
144934	805,841003	3	952,47998	144934	805,294983	5	1483,284058	144934	840,112976	8	1580,053101
145123	984,736023	4	801,61499	145123	850,648987	6	987,481934	145123	1019,067993	6	721,973938
145326	959,153992	128	2301,105225	145326	1238,793945	182	3293,759766	145326	927,738037	142	2728,922363
145537	1037,942993	180	3465,296387	145537	1244,421997	178	3512,606934	145537	1057,090088	163	3791,519775
145815	1094,23999	8	2190,360107	145815	899,294983	3	287,510986	145815	1030,509033	16	7953,912109
150132	983,389038	247	4699,107422	150132	984,399963	210	3948,881592	150132	1066,287964	210	4218,125
150358	872,174988	5	1192,841919	150358	834,662048	7	2268,928223	150358	965,618042	7	1327,493896
150541	1088,984985	177	3875,702637	150541	1034,222046	203	4583,976074	150541	1115,753052	189	4532,878906
150804	967,807983	6	767,421021	150804	969,781982	6	534,436035	150804	815,572998	5	1527,508911
151114	987,450012	4	376,389038	151114	931,922974	14	1806,000977	151114	956,617981	7	831,810059
151522	955,708984	9	2344,923096	151522	999,894958	9	2287,900879	151522	923,511047	8	786,280029
151718	896,112	6	1667,118896	151718	838,674011	11	1606,052002	151718	753,991028	6	1254,043945
153209	1551,333984	3	297,539978	153209	1086,001099	2	349,518982	153209	817,630981	3	898,601013
153710	1068,178101	12	2751,945801	153710	905,502014	8	1686,779785	153710	1018,939026	4	546,89801
153859	827,234009	23	9554,685547	153859	815,557007	9	1545,895264	153859	848,89801	10	2012,058838
Average	965,1940674	35,6333333333	2463,1314173333	Average	941,1343017	35,6333333333	2154,0096080667	Average	945,2228068	33,8666666667	2156,5115879333
Median	957,431488	6,5	1638,0659175	Median	924,717987	8	1746,390381	Median	941,7015075	7	1392,775574
Standard dev.	147,4346428876	64,7059573729	2431,209484378	Standard dev.	122,169891671	64,8183048504	1758,3213549335	Standard dev.	107,6528130503	61,4927712787	2161,5193129316

	Desv. Pad.	Amostras	Erro padrão
Initialization time	957,469609237	90,7590601189	90 19,1336898848
Number of stalls	33,3814814815	33,2794864703	90 7,0159317738
Total stall time	2298,4200135778	1901,7839181972	90 400,931253265

sta4				sta5				sta6			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
135603	887,890991	127	3648,788574	135603	912,958984	0	0	135603	907,070984	133	3611,43457
135807	1105,190063	10	2196,246094	135807	900,437988	6	1988,458008	135807	1063,945068	4	2410,915039
140803	765,359009	5	1763,115967	140803	933,062988	3	819,000977	140803	988,687988	5	1929,483032
140955	920,536987	6	505,449005	140955	1100,195068	8	1051,401001	140955	847,311035	8	599,48999
141215	939,664001	10	1806,274048	141215	907,217041	4	1790,10791	141215	813,220032	19	4435,079102
141359	811,263977	6	1929,045166	141359	946,173035	34	5673,212402	141359	929,203979	18	2859,704102
141603	940,530029	24	3120,697998	141603	898,549011	13	2327,695801	141603	853,60498	29	7986,24707
141808	827,963013	7	642	141808	877,929993	19	3299,024902	141808	1019,968018	3	300,686005
142005	926,531006	5	1625,395142	142005	1012,256042	15	3249,966064	142005	843,270996	18	9409,552734
142159	893,347046	8	3093,060791	142159	1059,705078	9	1449,68811	142159	988,466003	4	1167,134033
143340	900,463013	16	4868,16748	143340	1012,143982	25	7609,136719	143340	842,039978	10	3772,559082
143850	992,875	30	8658,842773	143850	808,322021	6	334,949982	143850	988,807983	4	745,244995
144034	1015,504028	33	3149,028076	144034	1047,557983	4	568,036987	144034	957,401001	3	482,067993
144227	1228,014893	3	282,427002	144227	1208,630005	33	9014,581055	144227	1023,581055	26	6986,095215
144554	1036,833984	6	1922,059937	144554	1211,390991	7	1592,427979	144554	989,676025	3	1934,005005
144934	795,373047	4	783,700989	144934	913,447021	12	2675,336182	144934	918,182007	2	768,157043
145123	1154,562012	6	268,207001	145123	1003,888	4	507,798004	145123	901,033997	5	430,118988
145326	1317,026001	137	2484,780762	145326	1028,833008	0	0	145326	1089,99707	105	2314,31958
145537	1363,23999	196	3987,310059	145537	951,218994	0	0	145537	1043,450928	247	4277,337891
145815	1067,963013	9	1294,984985	145815	1022,770996	12	5357,203125	145815	1069,118042	8	1784,815796
150132	1075,536011	215	3669,27124	150132	1171,684937	7	312,479004	150132	1093,350952	237	4578,410645
150358	947,218018	5	656,64801	150358	1014,979004	6	761,419983	150358	908,60498	7	929,379028
150541	1135,39502	167	3539,398682	150541	1171,020996	8	235,630005	150541	1128,924927	207	4581,302734
150804	851,948975	6	1515,297119	150804	952,497009	32	4108,855957	150804	963,177979	4	1184,547119
151114	814,088013	6	1671,555054	151114	1102,728027	6	713,055969	151114	792,078003	10	1128,810059
151522	992,455994	27	8964,791992	151522	867,946045	6	1187,75	151522	792,522034	16	4584,139648
151718	1157,18103	4	997,738037	151718	1017,132019	6	527,888	151718	888,843018	31	7346,102539
153209	913,565002	3	270,226013	153209	912,766968	7	1217,164917	153209	1170,176025	5	504,624023
153710	920,162964	8	1428,403076	153710	926,247986	7	1696,275146	153710	940,479004	7	2104,272949
153859	841,988037	9	1698,91394	153859	880,747986	9	2375,574951	153859	874,744995	14	5599,652832
Average	984,6556722333	36,6	2414,7275004	Average	992,4813068667	10,2666666667	2081,470638	Average	954,3646362	39,7333333333	3024,8562947
Median	940,097015	8	1784,6950075	Median	978,1925045	7	1333,4265135	Median	948,9400025	9	2209,2962645
Standard dev.	153,1694282556	62,0542587941	2122,0804760004	Standard dev.	106,0391352244	9,3474441771	2260,40058432	Standard dev.	101,843902163	70,9331561661	2503,4641569726

sta7				sta8				sta9			
Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time	Round (#)	Initialization time	Number of stalls	Total stall time
135603	846,218994	84	2162,948975	135603	872,758972	164	3814,840332	135603	984,465027	120	3549,305908
135807	744,609009	8	2789,252197	135807	907,423035	5	2284,476807	135807	876,605957	9	2049,849121
140803	974,61499	8	1565,89502	140803	779,976013	6	1629,691895	140803	878,332947	4	984,341003
140955	983,174988	9	620,827026	140955	919,541016	7	3062,49585	140955	955,483032	4	299,069
141215	920,660034	9	2395,324951	141215	856,362	5	2054,904785	141215	869,533997	8	1454,161987
141359	883,856995	3	355,321991	141359	1065,641968	3	566,85498	141359	966,177002	4	569,582031
141603	702,386047	8	1889,979126	141603	850,494019	4	1305,797974	141603	860,746033	9	3045,526123
141808	821,124023	2	123,867996	141808	833,148987	6	608,474976	141808	804,674011	6	531,227966
142005	886,437988	8	1790,078125	142005	977,364014	12	2304,047852	142005	942,775024	4	1810,509033
142159	877,643005	9	2156,694824	142159	948,940979	5	935,776978	142159	931,367981	20	6509,668457
143340	930,703979	8	4731,535645	143340	928,071045	16	6905,363281	143340	1097,623047	10	6518,12207
143850	930,76001	4	970,253052	143850	809,126953	10	1302,557007	143850	900,834961	8	1771,712036
144034	959,658997	10	1072,734985	144034	998,836975	9	519,76001	144034	991,692993	6	471,633026
144227	993,256958	1	26,961	144227	951,040955	1	52,005001	144227	1166,162964	5	927,28302
144554	894,932983	7	1925,085083	144554	1002,57196	20	6388,75293	144554	1126,086914	7	1534,075928
144934	850,215027	6	1268,876953	144934	1001,75	6	1120,989014	144934	812,93396	5	1478,158936
145123	995,55896	6	442,80899	145123	958,576965	6	1117,151978	145123	823,782959	5	1172,651123
145326	1049,744019	122	2234,360352	145326	1139,336914	119	2546,692627	145326	1112,526001	182	3349,693604
145537	891,155029	202	3539,191406	145537	1121,52002	167	3616,420166	145537	1028,963013	225	4456,384277
145815	794,226013	4	920,858032	145815	970,247986	5	691,215942	145815	947,188965	8	566,921997
150132	1102,307983	240	5060,007812	150132	982,052002	246	4756,205078	150132	1242,279053	271	5133,111816
150358	810,799988	8	1768,473877	150358	1009,443054	20	10440,470703	150358	850,942017	7	1446,515015
150541	1069,000977	163	3870,617432	150541	986,39801	203	4979,890137	150541	1065,119995	206	4368,474121
150804	864,910034	6	1522,484985	150804	1058,869995	6	643,912964	150804	984,570007	6	1185,123047
151114	1229,271973	22	5992,307617	151114	846,625	7	1027,037964	151114	852,541992	5	699,346008
151522	898,220032	4	1763,260986	151522	771,994019	6	1346,949097	151522	777,741028	10	1427,776001
151718	937,247986	10	1432,761841	151718	848,242981	10	1205,375122	151718	820,606995	6	540,385071
153209	1402,922974	5	698,10498	153209	878,709961	3	302,950012	153209	844,382996	5	817,227966
153710	968,204041	3	1984,648926	153710	935,365051	7	558,279968	153710	764,481018	7	1447,267944
153859	827,910034	6	2043,139893	153859	1465,458008	13	2363,012207	153859	1026,965942	7	2046,070923
Average	934,724469	32,8333333333	1970,6221359333	Average	955,8629619	36,5666666667	2348,4117879	Average	943,5862610333	39,3	2072,0391519333
Median	909,440033	8	1779,276001	Median	949,990967	7	1326,3735355	Median	937,0715025	7	1450,7149655
Standard dev.	139,052642821	63,292470181	1440,3276860203	Standard dev.	133,6999020529	67,6464864308	2343,9100579865	Standard dev.	122,4578894539	76,377984732	1756,0463119887

Data Overview

Number or UAVs	Initialization time		Number of stalls		Stall time	
	Avg	Std error	Avg	Std error	Avg	Std error
1	994,509308	84,993820	0,000000	0,000000	0,000000	0,000000
2	1016,505048	51,060598	0,000000	0,000000	0,000000	0,000000
3	962,324398	39,732633	0,000000	0,000000	0,000000	0,000000
4	956,824373	36,069350	0,350000	0,209395	19,815525	13,911381
5	951,532228	95,789930	10,240000	7,116938	343,479065	177,704536
6	957,921338	29,960122	10,550000	6,436904	359,616292	156,721106
7	929,581478	15,912583	7,371429	2,275190	440,528042	78,779199
8	966,582996	29,311979	19,225000	11,458090	1548,403490	489,610486
9	957,469609	19,133690	33,381481	7,015932	2298,420014	400,931253

