

List of Active Space Act Agreements (as of March 31, 2019) with Domestic Commercial, State Local Government, and Non-profit Partners

	PAM ID NUMBER	PARTNER NAME	TITLE/PURPOSE	EXECUTION DATE	EXPIRATION DATE	TYPE OF AGREEMENT	EST. DOLLAR VALUE FOR FUNDED OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER
1	29919	Scaled Composites	For Use of NASA SOFIA B747 Flight Simulator	3/21/2019	3/21/2022	Reimbursable	-----	AFRC	
2	29270	Mojave Air and Space Port	AFRC Aircraft Mishap Exercise	11/26/2018	6/1/2019	Non-Reimbursable	\$25,184	AFRC	
3	28157	ZIVA CORP	M-DART Demonstration Program	8/16/2018	8/16/2020	Reimbursable	-----	AFRC	
4	27968	AEROVIRONMENT, INC	Annex1 - Planning for and Support of Low Altitude Flight Testing of the Hawk30P Aircraft	11/14/2018	11/14/2019	Reimbursable	-----	AFRC	
5	27967	AEROVIRONMENT, INC	Unmanned Aircraft Systems (UAS) Testing	11/14/2018	11/14/2023	Reimbursable	-----	AFRC	

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6	27413	The Spaceship Company	Consultation and Peer Review Support	10/12/2018	1/5/2021	Reimbursable	-----	AFRC	
7	27347	Modern Technology Solutions, Inc.	Collaborative development of contingency management for autonomous aircraft	8/6/2018	12/6/2020	Non-Reimbursable	\$374,127	AFRC	
8	26510	Bard Access Systems	Reimbursable Space Act Agreement to support testing and evaluation of the FOSS technology	1/23/2018	1/23/2020	Reimbursable	-----	AFRC	
9	26482	Medrobotics Corporation	Reimbursable Space Act Agreement to support testing and evaluation of the FOSS technology	1/10/2018	1/10/2020	Reimbursable	-----	AFRC	
10	26347	Grace Cathedral Inc	For Use of NASA SOFIA B747 Flight Simulator	9/19/2017	9/19/2020	Reimbursable	-----	AFRC	
11	26298	Missouri University of Science and Technology	Cooperative Research between NASA and Missouri University of Science and Technology	12/12/2017	9/12/2019	Reimbursable	-----	AFRC	

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12	25826	Raytheon Company	For Use of NASA SOFIA B747 Flight Simulator	6/22/2017	6/22/2020	Reimbursable	-----	AFRC	
13	25811	LOCKHEED MARTIN	NASA ER-2 Low Power Laser Demonstrator (LPLD)	11/27/2017	11/27/2022	Reimbursable	-----	AFRC	
14	25724	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.	annex to Testing and Operations of Unmanned Aerial Systems in the National Airspace System	3/8/2018	3/20/2020	Non-Reimbursable	\$1,660,172	AFRC	AFRC-555
15	25562	Safety Technology Holdings, Incorporated	Reimbursable Space Act Agreement to support the test steup and evaluation of the FOSS technology in anthropomorphic test device.	12/7/2017	12/7/2022	Reimbursable	-----	AFRC	
16	24806	Freedom Photonics, LLC	Reimbursable Space Act Agreement Between Freedom Photonics, LLC to provide support on development of a miniature cost effective tunable swept laser source	10/18/2017	10/18/2019	Reimbursable	-----	AFRC	
17	24538	TriTech Small Business Development Center	Annex to Non-Reimburseable Space Act Agreement with TriTech SBDC for Small Business Innovation Research/Small business Technology Transfer assistance	4/17/2017	4/17/2022	Non-Reimbursable	\$5,160	AFRC	

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18	24537	TriTech Small Business Development Center	Annex to Non-Reimbursable Space Act Agreement with TriTech SBDC for Regional Economic Development	4/17/2017	4/17/2022	Non-Reimbursable	\$7,313	AFRC	
19	24045	AeroVironment, Inc.	Small Unmanned Aircraft System (SUAS) Testing and Training	1/24/2017	1/24/2020	Reimbursable	-----	AFRC	
20	23718	TriTech Small Business Development Center	Non-Reimbursable Space Act Agreement with TriTech SBDC for Regional Economic Development, including Technology Transfer assistance	4/17/2017	4/17/2022	Non-Reimbursable	\$2,733	AFRC	
21	23717	TriTech Small Business Development Center	Non-Reimbursable Space Act Agreement with TriTech SBDC for Regional Economic Development, including Technology Transfer and Small Business Innovation Research/Small business Technology Transfer assistance	4/17/2017	4/17/2022	Non-Reimbursable	\$0	AFRC	
22	23267	Eagle Aeronautics Inc.	Eagle Aero Probe Flight Test Demonstration	5/15/2017	5/15/2020	Non-Reimbursable	\$1,327,399	AFRC	
23	23205	Lockheed Martin Aeronautics Company	Develop Cost Estimate of Proposed Tests	4/24/2017	4/24/2022	Reimbursable	-----	AFRC	

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24	23204	Lockheed Martin Aeronautics Company	Testing Support of Lockheed Martin Test Articles	4/24/2017	4/24/2022	Reimbursable	-----	AFRC	
25	23170	Cal Poly Corporation on behalf of California Polytechnic State University, San Luis Obispo	Annex to Nonreimbursable Space Act Agreement between Cal Poly Corporation on behalf of California Polytechnic State University, San Luis Obispo and the National Aeronautics and Space Administration, Ames Research Center to Support Teacher Fellowships at NASA Centers	6/7/2016	6/7/2020	Non-Reimbursable	\$15,000	AFRC	SAA2-402985
26	23109	Battelle Memorial Institute	Development of an Ice Prevention System	11/17/2016	11/17/2021	Reimbursable	-----	AFRC	
27	23044	Cal Poly Pomona Foundation, Inc	Non-Reimbursable Space Act Agreement Between Cal Poly Pomona Foundation, Inc. to Evaluate, Prototype, and Conduct Market Research on Technologies available for licensing within the Intellectual Property Portfolio	1/5/2017	1/5/2022	Non-Reimbursable	\$3,918	AFRC	
28	22987	Sierra Nevada Corporation	annex to Umbrella Agreement for NASA Dryden Flight Research Center Support of the Dream Chaser Commercial Space System Development	9/30/2015	9/1/2019	Reimbursable	-----	AFRC	DFRC-406-A-5
29	22668	Raytheon Company	Raytheon Company for Target Acquisition Testing	9/27/2016	12/31/2019	Reimbursable	-----	AFRC	

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30	22279	Vulcan Aerospace Corporation	Stratolaunch vehicle technical and engineering support	1/11/2017	1/11/2021	Reimbursable	-----	AFRC	
31	22108	Firefly Space Systems	Simulation and Analytical support for Air Launched Firefly vehicles	9/9/2014	9/9/2019	Reimbursable	-----	AFRC	SAA8-1418537
32	21777	Cal Poly Pomona Foundation, Inc	Non-Reimbursable Space Act Agreement Between Cal Poly Pomona Foundation, Inc. to Evaluate, Prototype, and Conduct Market Research on technologies within the Technology Transfer Patent Portfolio	1/5/2017	1/5/2022	Non-Reimbursable	\$0	AFRC	
33	21557	The Spaceship Company	FLIGHT TEST ENGINEERING AND ASSOCIATED TECHNICAL SERVICES	1/5/2016	1/5/2021	Reimbursable	-----	AFRC	
34	21370	Sands Aviation LLC	For Use of NASA SOFIA B747 Flight Simulator	9/30/2015	10/31/2021	Reimbursable	-----	AFRC	
35	21210	Spectabit Optics LLC	Schlieren Image Acquisition and Processing Advancements	10/6/2015	10/6/2020	Non-Reimbursable	\$0	AFRC	

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36	20121	Orbital ATK	Fiber-Optic Sensor System Applications to Launch Vehicles	4/16/2015	4/16/2020	Reimbursable	-----	AFRC	AFRC-572
37	19680	California Science Center Foundation	California Visitor Center Partnership and Education Initiatives	5/4/2015	5/4/2019	Non-Reimbursable	\$208,301	AFRC	
38	19679	California Science Center Foundation	NASA Visitor Center Partnership and Education Initiatives	5/4/2015	5/4/2019	Non-Reimbursable	\$0	AFRC	
39	19289	Prentex Alloy Fabricators, Inc.	Reimbursable Space Act Agreement Between Prentex Alloy Fabricators, Inc. For Support in Evaluating, Developing and Licensing the Cryogenic Liquid Level Sensing Technology	12/4/2014	12/4/2019	Reimbursable	-----	AFRC	AFRC-563
40	18302	Michigan Arerospace Cor	High Altitude Lidar Atmospheric Sensing (HALAS) Instrument Testing	11/25/2014	11/25/2019	Reimbursable	-----	AFRC	AFRC-561
41	16631	General Atomics	Testing and Operations of Unmanned Aerial Systems in the National Airspace System	9/16/2014	9/16/2019	Non-Reimbursable	\$0	AFRC	AFRC-555

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42	9844	Sierra Nevada Corporation	Umbrella Agreement for NASA Dryden Flight Research Center Support of the Dream Chaser Commercial Space System Development	9/9/2011	9/1/2019	Reimbursable	-----	AFRC	DFRC-406
43	4380	Northrop Grumman Systems Corporation	SAA with Northrop Grumman for Operation of Global Hawks	4/30/2008	12/31/2019	Reimbursable	-----	AFRC	DFRC 315
44	30078	Iowa State University	Non-Reimbursable Space Act Agreement Between NASA Ames and Iowa State University (ISU) for Unmanned Aircraft Systems Traffic Management (UTM)	3/28/2019	3/28/2022	Non-Reimbursable	\$24,585	ARC	SAA2-403449
45	29967	American Space Industries, Inc.	Reimbursable Space Act Agreement Between NASA Ames and American Space Industries Inc (ASI) for Engineering Consultation On Sierra-2 Unmanned Aircraft System	3/2/2019	3/2/2022	Reimbursable	-----	ARC	SAA2-403421
46	29940	United Launch Alliance	Annex Two to the Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and United Launch Alliance for Wind Tunnel Testing	3/6/2019	3/6/2020	Reimbursable	-----	ARC	SAA2-403047-2
47	29856	Texas A&M Engineering Experiment Station	Non-Reimbursable Space Act Agreement Between NASA Ames and Texas AM Engineering Experiment Station for Investigating Additive Manufacturing of Thermal Protection Material	2/20/2019	2/20/2020	Non-Reimbursable	\$16,275	ARC	SAA2-403455



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48	29772	Lockheed Martin Aeronautics Company	Annex Eleven to the Reimbursable Umbrella Space Act Agreement between Lockheed Martin Aeronautics Company and NASA Ames Research Center for Wind Tunnel Testing	2/12/2019	12/1/2019	Reimbursable	-----	ARC	SAA2-402632-11
49	29375	Physics Applications Inc	Reimbursable Space Act Agreement Between NASA Ames and Physics Applications Inc for Light Gas Gun Performance Software Development and Demonstration	11/21/2018	11/21/2019	Reimbursable	-----	ARC	SAA2-403439
50	28737	Raytheon Company	Non-Reimbursable Space Act Agreement Between Raytheon Company and NASA Ames for Unmanned Aircraft Systems Traffic Management	8/1/2018	8/1/2021	Non-Reimbursable	\$17,746	ARC	SAA2-403436
51	28735	UASidekick	Non-Reimbursable Space Act Agreement Between UASidekick and the National Aeronautics and Space Administration Ames Research Center for Unmanned Aircraft Systems Traffic Management	11/19/2018	11/19/2021	Non-Reimbursable	\$17,565	ARC	SAA2-403453
52	28667	Ford Motor Company	Reimbursable Space Act Between NASA Ames Research Center and Ford Motor Company to Assess the Suitability of Use Cases for Exploration on Quantum Annealers	7/25/2018	7/25/2019	Reimbursable	-----	ARC	SAA2-403428
53	28611	Mountain View Housing Ventures, LLC	REIMBURSABLE SPACE ACT AGREEMENT BETWEEN NASA AMES AND MOUNTAIN VIEW HOUSING VENTURES FOR DUE DILIGENCE	10/24/2018	12/31/2020	Reimbursable	-----	ARC	SAA2-403441

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54	28344	Space Exploration Technologies Corp.	Annex One to the Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Space Exploration Technologies Corp for Thermal Protection System Material Support for the SpaceX BFR	6/6/2018	6/6/2021	Reimbursable		-----	ARC	SAA2-403419-1
55	28288	University of Guam	Reimbursable Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and University of Guam for Mapping of Guam's Priority Coral Reefs to Inform Management Decisions	8/9/2018	8/9/2019	Reimbursable		-----	ARC	SAA2-403429
56	28264	UNIVERSITY OF CINCINNATI	Annex Three to the Nonreimbursable Umbrella Space Act Agreement between the University of Cincinnati and The National Aeronautics And Space Administration, Ames Research Center for Providing Educational Opportunities to Students to Evaluate Technology Transfer Opportunities	11/1/2018	11/1/2023	Non-Reimbursable	\$118,116		ARC	SAA2-402808-3
57	28198	Smart Sparrow	Non-Reimbursable Space Act Agreement Between NASA Ames and Smart Sparrow for Co-Hosting the Learning Innovation Summit	4/25/2018	4/25/2019	Non-Reimbursable	\$12,203		ARC	SAA2-403408
58	28159	Silicon Valley Chapter of Association for Unmanned Vehicle Systems International, Inc	Non-Reimbursable Space Act Agreement Between NASA Ames and Silicon Valley Chapter of Association for Unmanned Vehicle Systems International, Inc (AUVSI) to Co-Host The 2018 Vertical Take-Off and Landing Workshop	4/25/2018	4/25/2019	Non-Reimbursable	\$44,053		ARC	SAA2-403405
59	28072	NANOBEAK, LLC	Reimbursable Space Act Agreement with Nanobeak, LLC for Development of Gas Sensor Technology	11/15/2018	11/15/2020	Reimbursable		-----	ARC	SAA2-403425

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60	27956	Stratolaunch Federal Inc	Annex Five to the Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and Stratolaunch Federal, Inc. for Entry System Analysis	4/5/2018	4/5/2021	Reimbursable	-----	ARC	SAA2-403221-5
61	27940	Stratolaunch Systems Corporation	Annex 4 for Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Stratolaunch Federal Inc. for Supporting the Analysis of Statolaunch Launch Architecture	4/5/2018	4/5/2021	Reimbursable	-----	ARC	SAA2-403221-4
62	27918	Stratolaunch Federal Inc	Annex Three to the Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and Stratolaunch Federal, Inc. for Entry Systems Analysis	4/5/2018	4/5/2021	Reimbursable	-----	ARC	SAA2-403221-3
63	27890	Uber Technologies Inc	Annex One to the Non-Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Uber Technologies Inc for Initial Modeling and Simulations of Urban Air Mobility Operations for Airspace Access and Scalability	5/4/2018	5/4/2020	Non-Reimbursable	\$287,500	ARC	SAA2-403420-1
64	27889	Uber Technologies Inc	Non-Reimbursable Umbrella Between the National Aeronautics and Space Administration Ames Research Center and Uber Technologies Inc for Research, Development, Testing and Evaluation of an Urban Air Mobility (UAM) System	5/4/2018	5/4/2023	Non-Reimbursable	\$0	ARC	SAA2-403420
65	27872	Space Exploration Technologies Corp.	Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Space Exploration Technologies Corp to Support SpaceX Commercial Space Transportation Development	6/6/2018	6/6/2023	Reimbursable	-----	ARC	SAA2-403419

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66	27802	The Charles Stark Draper Laboratory, Inc.	Non-Reimbursable Space Act Agreement between the National Aeronautics Space Administration Ames Research Center and the Charles Stark Draper Laboratory Inc for Aerial Imagery Applications	3/16/2018	3/16/2020	Non-Reimbursable	\$2,522	ARC	SAA2-403268
67	27791	Thales Holding Corporation	Non-Reimbursable Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center Research Center and Thales Holding, INC. for the Unmanned Aircraft Systems Traffic Management	3/19/2018	3/19/2021	Non-Reimbursable	\$21,700	ARC	SAA2-403297
68	27787	GOOGLE, INC	Non-Reimbursable Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Google LLC to Analyze the Utilization and Assessment of Googles Emerging Quantum Processors	7/3/2018	7/3/2023	Non-Reimbursable	\$680,962	ARC	SAA2-403407
69	27617	Blue Origin, LLC	Annex One to the Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Blue Origin, LLC for Thermal Protection System Material Design Support for Blue Origin	7/13/2018	7/13/2021	Reimbursable	----	ARC	SAA2-403403-1
70	27616	Blue Origin, LLC	Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Blue Origin, LLC to Support Blue Origin Commercial Space Transportation Development	7/13/2018	7/13/2023	Reimbursable	----	ARC	SAA2-403403
71	27441	Agusta Westland Philadelphia Corporation	Reimbursable Umbrella Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and Agusta Westland Philadelphia Corporation for Wind Tunnel Testing	1/29/2018	1/29/2023	Reimbursable	----	ARC	SAA2-403286

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72	26743	INTEL CORP	Non-Reimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and Intel Corporation for Collaboration to Evaluate NASA's Computational Performance	9/20/2017	9/20/2019	Non-Reimbursable	\$83,516	ARC	SAA2-403249
73	26364	Walmart Stores, Inc	Nonreimbursable Space Act Agreement between Walmart Stores, Inc and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	7/31/2017	7/31/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403248
74	26363	The Boeing Company	Nonreimbursable Space Act Agreement between The Boeing Company and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	7/31/2017	7/31/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403229
75	26362	THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY	Annex One to the Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Port Authority of New York and New Jersey for Collaboration for Novel Airport Configuration Simulations	7/31/2017	7/31/2019	Non-Reimbursable	\$800,783	ARC	SAA2-403156-1
76	26361	THE PORT AUTHORITY OF NEW YORK AND NEW JERSEY	Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Port Authority of New York and New Jersey for Capacity Improvement and Delay Reduction in the New York Metroplex	7/31/2017	7/31/2022	Non-Reimbursable	\$0	ARC	SAA2-403156
77	26320	Northeast UAS Airspace Integration Research Alliance, Inc.	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Northeast UAS Airspace Integration Research Alliance, Inc. for NATIONAL UAS Standardized Testing and Rating System (NUSTAR)	7/31/2017	7/31/2022	Reimbursable	-----	ARC	SAA2-403197

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78	26319	Northeast UAS Airspace Integration Research Alliance, Inc.	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Northeast UAS Airspace Integration Research Alliance, Inc. for UAS Traffic Management	7/31/2017	7/31/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403196
79	26114	Botlink, LLC	Nonreimbursable Space Act Agreement between Botlink, LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	5/13/2017	5/13/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403261
80	26113	Carbon Autonomous Systems LLC	Nonreimbursable Space Act Agreement between Carbon Autonomous Systems LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	5/10/2017	5/10/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403257
81	26112	Skyskopes	Nonreimbursable Space Act Agreement between Skyskopes and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	5/10/2017	5/10/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403259
82	26110	Drone America	Nonreimbursable Space Act Agreement between Drone America and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	5/11/2017	5/11/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403253
83	26108	ISight RPV Services	Nonreimbursable Space Act Agreement between ISight RPV Services and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	5/11/2017	5/22/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403265

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84	25922	Unmanned Applications Institute International	Nonreimbursable Space Act Agreement between Unmanned Applications Institute International and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	5/11/2017	5/11/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403260
85	25787	The General Electric Company	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and the General Electric Company for General Electric Aviation Use of of NASA's B747 Flight Simulator Located at the Crew Vehicle Systems Research Facility (CVSRF) at ARC	5/17/2017	5/17/2020	Reimbursable	-----	ARC	SAA2-403256
86	25744	Stratolaunch Systems Corporation	Annex Two Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Stratolaunch Systems Corporation for Entry Systems Analysis	5/11/2017	5/22/2020	Reimbursable	-----	ARC	SAA2-403221-2
87	25578	General Atomics Aeronautical Systems Inc.	Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and General Atomics Aeronautical Systems Inc. for Wind Tunnel Testing	4/20/2017	4/20/2022	Reimbursable	-----	ARC	SAA2-403246
88	25495	Sapphire Innovation Solutions, Inc.	Nonreimbursable Space Act Agreement between Sapphire Innovation Solutions, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	4/3/2017	4/3/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403251
89	25494	Flyspan Systems, Inc.	Nonreimbursable Space Act Agreement between Flyspan Systems, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	4/3/2017	4/3/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403250

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90	25213	Rigetti Computing	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Rigetti Computing to Asses a Gate-Based Quantum Computing Processor for Meeting Complex Computing Challenges	2/28/2017	2/28/2020	Non-Reimbursable	\$11,495	ARC	SAA2-403167
91	25069	IAI North America	Nonreimbursable Space Act Agreement between IAI North America and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	2/3/2017	2/3/2022	Non-Reimbursable	\$100,162	ARC	SAA2-403233
92	25006	GoPro, Inc.	Nonreimbursable Space Act Agreement between GoPro, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	1/26/2017	1/26/2022	Non-Reimbursable	\$100,162	ARC	SAA2-403190
93	24991	Uber Technologies, Inc.	Nonreimbursable Space Act Agreement between Uber Technologies, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aircraft Systems Traffic Management	1/26/2017	1/26/2022	Non-Reimbursable	\$100,162	ARC	SAA2-403231
94	24921	H211, LLC	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and H211, LLC for Earth Observations in Support of Air Pollution and Climate Change Research	1/17/2017	1/17/2022	Non-Reimbursable	\$3,480,808	ARC	SAA2-403236
95	24861	University of California, Davis	Non-Reimbursable Space Act Agreement Between the National Aeronautics and Space Administration Ames Research Center and the University of California - Davis for NIMAR: A Novel Instrument for Marine Atmospheric Research	4/26/2018	4/26/2019	Non-Reimbursable	\$11,822	ARC	SAA2-403237



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96	24833	Northrop Grumman Corporation	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Northrop Grumman Corporation for TUFROC Fabrication and Testing	12/14/2016	12/14/2019	Reimbursable	-----	ARC	SAA2-403214
97	24749	STRATOLAUNCH SYSTEMS CORP	Annex One to the Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Stratolaunch Systems Corporation for Supporting the Analysis of Statolaunch's Launch Architecture	12/6/2016	12/4/2021	Reimbursable	-----	ARC	SAA2-403221-1
98	24748	Stratolaunch Systems Corporation	Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Stratolaunch Systems Corporation for Supporting the Analysis of Statolaunch's Launch Architecture	12/6/2016	12/6/2021	Reimbursable	-----	ARC	SAA2-403221
99	24643	AT&T Government Solutions	Annex One to the Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and AT&T Government Solutions for Unmanned Aerial Systems Traffic Management	10/26/2016	10/26/2021	Non-Reimbursable	\$22,039	ARC	SAA2-403109-1
100	24548	AT&T Government Solutions	Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and AT&T Government Solutions for Unmanned Aerial Systems Traffic Management	10/26/2016	10/26/2021	Non-Reimbursable	\$0	ARC	SAA2-403109
101	24366	The City of Charlotte	Non-Reimbursable Space Act Agreement with the City of Charlotte, Charlotte Douglas International Airport for Laboratory Space and Data Sharing	10/5/2016	10/5/2021	Non-Reimbursable	\$15,000	ARC	SAA2-403163

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102	24256	Rockwell Collins	Nonreimbursable Space Act Agreement between Rockwell Collins and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	9/22/2016	9/22/2021	Non-Reimbursable	\$21,771	ARC	SAA2-403148
103	23989	The Boeing Company	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and the Boeing Company for TUFROC Certification, Re-Use and Max Use Temperature Testing	8/24/2016	8/24/2019	Reimbursable	-----	ARC	SAA2-403174
104	23751	Hera Systems, Inc.	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Hera Systems, Inc. to Perform a Technology Demonstration of the COTSAT Technology	7/29/2016	7/29/2019	Non-Reimbursable	\$150,000	ARC	SAA2-403201
105	23652	Space Systems/Loral, LLC	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Space Systems/Loral LLC for Dragonfly: In-Space Robotic Manufacturing, Assembly, and Reconfiguration of Large Solid Reflector Assembly System	7/13/2016	7/13/2019	Non-Reimbursable	\$39,675	ARC	SAA2-403157
106	23574	V5 Systems, Inc.	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and V5 Systems, Inc. for Carbon Nanotube Chemsensors on Portable Video Security System (PVSS)	7/12/2016	4/12/2019	Reimbursable	-----	ARC	SAA2-403053
107	23573	V5 Systems, Inc.	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and V5 Systems, Inc. for Carbon Nanotube Chemsensors on Portable Video Security System (PVSS)	7/12/2016	4/12/2019	Reimbursable	-----	ARC	SAA2-403053

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108	23533	The Board of Trustees of the Leland Stanford Junior University	Nonreimbursable Space Act Agreement between The Board of Trustees of the Leland Stanford Junior University and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	7/5/2016	7/5/2021	Non-Reimbursable	\$21,771	ARC	SAA2-403144
109	23532	Sensurion Aerospace	Nonreimbursable Space Act Agreement between Sensurion Aerospace and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	7/5/2016	7/5/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403113
110	23530	Board of Regents of the University of Georgia on behalf of the University of Georgia	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Board of Regents of the University of Georgia on behalf of the University of Georgia for Environmental Testing of a Cubesat Bus and Payload Developed for the Undergraduate Student Instrument Project	7/7/2016	9/7/2019	Non-Reimbursable	\$2,000	ARC	SAA2-403165
111	23202	General Electric Global Research	Annex One to the Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and General Electric Global Research for Collaboration on Airspace Operations and Safety Research	5/24/2016	5/24/2019	Non-Reimbursable	\$722,500	ARC	SAA2-403098-1
112	23200	General Electric Global Research	Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and General Electric Global Research for Collaboration on Airspace Operations and Safety Research	5/24/2016	5/24/2021	Non-Reimbursable	\$0	ARC	SAA2-403098
113	23161	Flirtey Inc.	Nonreimbursable Space Act Agreement between Flirtey Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	5/18/2016	5/18/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403142

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114	23160	Nokia Solutions and Networks US LLC	Nonreimbursable Space Act Agreement between Nokia Solutions and Networks US LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	5/18/2016	5/18/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403141
115	23159	Proxy Technologies, Inc.	Nonreimbursable Space Act Agreement between Proxy Technologies, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	5/18/2016	5/18/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403117
116	23060	NextNav, LLC	Nonreimbursable Space Act Agreement between NextNav, LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	5/6/2016	5/6/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403126
117	22946	Virgin Galactic LLC	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Virgin Galactic LLC to Advance Emerging Space Capabilities for LauncherOne	4/20/2016	4/20/2019	Non-Reimbursable	\$986,571	ARC	SAA2-403106
118	22945	Nevada Institute for Autonomous Systems on behalf of the Governor's Office of Economic Development	Nonreimbursable Space Act Agreement between Nevada Institute for Autonomous Systems on behalf of the Governor's Office of Economic Development and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	4/20/2016	4/20/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403118
119	22944	ATAC Corporation	Nonreimbursable Space Act Agreement between ATAC Corporation and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	4/20/2016	4/20/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403146

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120	22942	Icarus Aerospace Inc.	Nonreimbursable Space Act Agreement between Icarus Aerospace Inc and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	4/18/2016	4/18/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403159
121	22835	cPilot	Nonreimbursable Space Act Agreement between cPilot and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	4/5/2016	4/5/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403122
122	22834	University of Alaska Fairbanks	Nonreimbursable Space Act Agreement between University of Alaska Fairbanks and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	4/5/2016	4/5/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403136
123	22833	GE Global Research	Nonreimbursable Space Act Agreement between GE Global Research and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	4/5/2016	4/5/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403087
124	22762	Dallas/Fort Worth International Airport Board	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Dallas/Fort Worth International Airport Board for Data Sharing for Nextgen Research and Development	3/29/2016	3/29/2021	Non-Reimbursable	\$41,400	ARC	SAA2-402972
125	22712	AeroVironment, Inc.	Nonreimbursable Space Act Agreement between AeroVironment, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	3/22/2016	3/22/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403138

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126	22711	Scientific Systems Company, Inc.	Nonreimbursable Space Act Agreement between Scientific Systems Company, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	3/22/2016	3/22/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403124
127	22684	Near Earth Autonomy, Inc.	Nonreimbursable Space Act Agreement between Near Earth Autonomy and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	3/21/2016	3/21/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403116
128	22675	Modern Technology Solutions, Inc.	Nonreimbursable Space Act Agreement between Modern Technology Solutions, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	3/21/2016	3/21/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403090
129	22525	KDC TechSolutions International, LLC	Nonreimbursable Space Act Agreement between KDC TechSolutions International, LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403130
130	22524	Harris Corporation	Nonreimbursable Space Act Agreement between Harris Corporation and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403119
131	22523	PEMDAS Technologies and Innovations	Nonreimbursable Space Act Agreement between PEMDAS Technologies and Innovations and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403120

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132	22522	Aurora Flight Sciences Corporation	Nonreimbursable Space Act Agreement between Aurora Flight Sciences Corporation and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403134
133	22521	Drone Co-Habitation Services, LLC	Nonreimbursable Space Act Agreement between Drone Co-Habitation Services, LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403140
134	22520	Aviation Management Inc., LLC	Nonreimbursable Space Act Agreement between Aviation Management Inc., LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403128
135	22519	Air Route Optimizer, Inc.	Nonreimbursable Space Act Agreement between Air Route Optimizer, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403127
136	22517	Luftronix, Inc.	Nonreimbursable Space Act Agreement between Luftronix, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403125
137	22516	R Cubed Engineering, LLC	Nonreimbursable Space Act Agreement between R Cubed Engineering, LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/25/2016	2/25/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403123

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138	22463	Virgin America, Inc.,	Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Virgin America, Inc. for Technical Collaboration and Research in Aeronautics	2/24/2016	2/24/2021	Non-Reimbursable	\$0	ARC	SAA2-403110
139	22462	Qualcomm Technologies, Inc.	Nonreimbursable Space Act Agreement between Qualcomm Technologies, Inc. and the National Aeronautics and Space Administration, Ames Research Center to Explore How Communications and Surveillance Technologies Could Support Unmanned Aerial Systems (UAS) Traffic Management (UTM)	3/1/2016	3/1/2021	Non-Reimbursable	\$230,608	ARC	SAA2-403025
140	22421	University of Massachusetts Amherst	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and University of Massachusetts Amherst for Collaboration Related to Software Intensive and Network/Cloud-Enabled Advanced Cockpit Design and Operations	2/25/2016	2/25/2021	Non-Reimbursable	\$1,233,476	ARC	SAA2-402963
141	22398	Matternet, Inc.	Nonreimbursable Space Act Agreement between Matternet, Inc and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/16/2016	2/16/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403107
142	22397	Fovea Aero Systems, LLC	Nonreimbursable Space Act Agreement between Fovea Aero Systems, LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/16/2016	2/16/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403135
143	22396	uAvionix Inc.	Nonreimbursable Space Act Agreement between uAvionix Inc and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/16/2016	2/16/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403132



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144	22392	Ax Enterprize	Nonreimbursable Space Act Agreement between Ax Enterprize and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/16/2016	2/16/2021	Non-Reimbursable	\$21,771	ARC	SAA2-403133
145	22250	Bye UAS, Inc DBA Silent Falcon UAS Technologies	Nonreimbursable Space Act Agreement between Bye UAS, Inc DBA Silent Falcon UAS Technologies and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/2/2016	2/2/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403112
146	22248	GreenSight Agronomics	Nonreimbursable Space Act Agreement between GreenSight Agronomics and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	2/2/2016	2/2/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403114
147	22059	Zero Gravity Solutions, Inc	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Zero Gravity Solutions, Inc. for Commercial Agriculture and NASA Applications	1/11/2016	1/11/2021	Reimbursable	-----	ARC	SAA2-403069
148	22053	Emerging Technologies Ventures, Inc.	Nonreimbursable Space Act Agreement between Emerging Technology Ventures Inc and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	1/8/2016	1/8/2021	Non-Reimbursable	\$100,162	ARC	SAA2-403095
149	22052	AirMap, Inc.	Nonreimbursable Space Act Agreement between AirMap, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	1/8/2016	1/8/2021	Non-Reimbursable	\$267,927	ARC	SAA2-403071

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150	22051	American Airlines, Inc.	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and American Airlines, Inc. for Human Factors Fatigue Research	1/5/2016	1/5/2021	Non-Reimbursable	\$520,670	ARC	SAA2-403013
151	21987	ANRA Technologies, LLC	Nonreimbursable Space Act Agreement between ANRA Technologies, LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	12/17/2015	12/17/2020	Non-Reimbursable	\$21,771	ARC	SAA2-403088
152	21986	Intel Corporation	Nonreimbursable Space Act Agreement between Intel Corporation and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	12/17/2015	12/17/2020	Non-Reimbursable	\$100,162	ARC	SAA2-403084
153	21985	Aerotas	Nonreimbursable Space Act Agreement between Aerotas and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	12/17/2015	12/17/2020	Non-Reimbursable	\$100,162	ARC	SAA2-403089
154	21817	United Launch Alliance	Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and United Launch Alliance for Wind Tunnel Testing	11/23/2015	11/23/2020	Reimbursable	-----	ARC	SAA2-403047
155	21589	Higher Ground LLC	Nonreimbursable Space Act Agreement between Higher Ground LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	10/27/2015	10/27/2020	Non-Reimbursable	\$267,927	ARC	SAA2-403043

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156	21132	DroneDeploy	Nonreimbursable Space Act Agreement between DroneDeploy and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	8/19/2015	8/19/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403030
157	21129	NE3RD LLC	Nonreimbursable Space Act Agreement between NE3RD LLC and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	8/19/2015	8/19/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403016
158	21099	California Science Center Foundation	Annex Two to the Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and the California Science Center Foundation for NASA ARC Visitor Center Partnership and Education Initiatives	8/5/2015	8/5/2020	Non-Reimbursable	\$4,000	ARC	SAA2-403052
159	21085	American Aerospace Technologies, Inc.	Nonreimbursable Space Act Agreement between American Aerospace Technologies, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	8/4/2015	8/4/2020	Non-Reimbursable	\$97,506	ARC	SAA2-403050
160	20914	Domain Name Systems of Operations, Analysis, and Research Center	Participation Agreement between Domain Name Systems of Operations, Analysis, and Research Center and NASA	5/29/2015	12/31/9999	Non-Reimbursable	\$2,000	ARC	SAA2-403014
161	20908	Cal Poly Corporation on behalf of California Polytechnic State University, San Luis Obispo	Annex One to the Nonreimbursable Umbrella Space Act Agreement between Cal Poly Corporation on behalf of California Polytechnic State University, San Luis Obispo and the National Aeronautics and Space Administration, Ames Research Center to Participate in Paid Fellowships with NASA ARC Researchers	7/8/2015	7/8/2020	Non-Reimbursable	\$10,000	ARC	SAA2-402985-1

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162	20907	Cal Poly Corporation on behalf of California Polytechnic State University, San Luis Obispo	Nonreimbursable Umbrella Space Act Agreement between Cal Poly Corporation on behalf of California Polytechnic State University, San Luis Obispo and the National Aeronautics and Space Administration, Ames Research Center to Support Teacher Fellowships at NASA Centers	7/8/2015	7/8/2020	Non-Reimbursable	\$0	ARC	SAA2-402985
163	20884	Exelis, Inc.	Nonreimbursable Space Act Agreement between Exelis, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	7/14/2015	7/14/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403049
164	20883	Virginia Polytechnic Institute and State University	Nonreimbursable Space Act Agreement between Virginia Polytechnic Institute and State University and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	7/14/2015	7/14/2020	Non-Reimbursable	\$97,506	ARC	SAA2-403019
165	20882	Board of Regents, Nevada System of Higher Education, OBO University of Nevada, Reno	Nonreimbursable Space Act Agreement between Board of Regents, Nevada System of Higher Education, OBO University of Nevada, Reno and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	7/15/2015	7/15/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403029
166	20876	Lockheed Martin Corporation - Information Systems and Global Solutions	Nonreimbursable Space Act Agreement between Lockheed Martin Corporation - Information Systems and Global Solutions and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	7/14/2015	7/14/2020	Non-Reimbursable	\$97,506	ARC	SAA2-403035
167	20845	SkySpecs, Inc.	Nonreimbursable Space Act Agreement between SkySpecs, Inc and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	7/8/2015	7/8/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403022

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168	20844	Lone Star UAS Center of Excellence & Innovation at Texas A&M University- Corpus Christi	Nonreimbursable Space Act Agreement between Lone Star UAS Center of Excellence & Innovation (LSUASC) at Texas A&M University- Corpus Christi and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	7/8/2015	7/8/2020	Non-Reimbursable	\$21,770	ARC	SAA2-403021
169	20769	Virgin Galactic	Annex Two to the Reimbursable Space Act Agreement between Virgin Galactic and the National Aeronautics and Space Administration, Ames Research Center for Analysis and Simulation of a Transport Aircraft as a Launch Platform	6/29/2015	7/12/2019	Reimbursable	-----	ARC	SAA2-402686-2
170	20755	Avision, Inc.	Nonreimbursable Space Act Agreement between Avision, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	6/25/2015	6/25/2020	Non-Reimbursable	\$97,506	ARC	SAA2-403044
171	20670	PrecisionHawk USA, Inc.	Nonreimbursable Space Act Agreement between PrecisionHawk USA Inc and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	6/12/2015	6/12/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403039
172	20669	Gryphon Sensors	Nonreimbursable Space Act Agreement between Gryphon Sensors and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	6/12/2015	6/12/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403018
173	20654	The Regents of The University of California, San Francisco Campus, acting through the Bay Area Science Festival	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Bay Area Science Festival to Support 2015 - 2018 Bay Area Science Festival	6/10/2015	6/10/2019	Non-Reimbursable	\$396,750	ARC	SAA2-402996

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174	20594	Analytical Graphics, Inc.	Nonreimbursable Space Act Agreement between Analytical Graphics, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	6/2/2015	6/2/2020	Non-Reimbursable	\$97,506	ARC	SAA2-403028
175	20593	Unmanned Exerts, Inc.	Nonreimbursable Space Act Agreement between Unmanned Experts, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	6/2/2015	6/2/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403017
176	20592	SmartC2, Inc.	Nonreimbursable Space Act Agreement between SmartC2, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Unmanned Aerial Systems Traffic Management	6/2/2015	6/2/2020	Non-Reimbursable	\$260,607	ARC	SAA2-403024
177	20563	The State of California, San Francisco Bay Conservation and Development Commission	Nonreimbursable Umbrella Space Act Agreement between the State of California, San Francisco Bay Conservation and Development Commission and the National Aeronautics and Space Administration, Ames Research Center for Planetary Sustainability Technologies and Collaborations	5/28/2015	5/28/2020	Non-Reimbursable	\$0	ARC	SAA2-402927
178	20276	The Boeing Company	Task Plan No. SAA2-BOE-04 in Support of Contract No. NNk14MA75C to provide testing services and technical support in the ARC Arc-Jet Facility	4/14/2015	9/15/2022	Reimbursable	-----	ARC	SAA2-BOE-04
179	20275	The Boeing Company	Task Plan No. SAA2-BOE-03 in Support of Contract No. NNk14MA75C for two (2) machined, instrumented, and assembled 3D woven quartz fibers impregnated with cyanate ester resin (WQCE) test articles	4/13/2015	9/15/2022	Reimbursable	-----	ARC	SAA2-BOE-03

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180	19857	Neurala, Inc.	Nonreimbursable Spce Act Agreement between Neurala, Inc. and the National Aeronautics and Space Administration, Ames Research Center for Collaboration for Enabling UAS Low-Altitude Airspace Operations	2/3/2015	2/3/2020	Non-Reimbursable	\$97,506	ARC	SAA2-402951
181	19642	Amazon Corporate LLC	Nonreimbursable Space Act Agreement between The National Aeronautics And Space Administration Ames Research Center and Amazon Corporate LLC for Collaboration for Enabling Low-Altitude Airspace Operations	12/31/2014	12/31/2019	Non-Reimbursable	\$1,800,000	ARC	SAA2-402928
182	19627	NISSAN NORTH AMERICA, INC	Annex One to Reimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Nissan North America, Inc. for Robotic Technologies	12/18/2014	12/18/2019	Reimbursable	-----	ARC	SAA2-402911-1
183	19626	Nissan North America, Inc.	Reimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Nissan North America, Inc. for Research and Development	12/18/2014	12/18/2019	Reimbursable	-----	ARC	SAA2-402911
184	19336	Verizon Innovation LLC	Nonreimbursable Space Act Agreement between The National Aeronautics And Space Administration Ames Research Center and Verizon for Collaboration to Explore if Cell Towers and Communications Could Support Unmanned Aerial Systems (UAS) Traffic Management	11/5/2014	11/5/2019	Non-Reimbursable	\$568,545	ARC	SAA2-402967
185	19229	Simulyze	Nonreimbursable Space Act Agreement between The National Aeronautics And Space Administration Ames Research Center and Simulyze for Collaboration for Low Altitude and Unmanned Aerial Systems (UAS) Operations and Portable UAS Traffic Management (UTM) System Development	10/28/2014	10/28/2019	Non-Reimbursable	\$864,291	ARC	SAA2-402962

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186	19194	SkyWard IO, Inc	Nonreimbursable Space Act Agreement between The National Aeronautics And Space Administration Ames Research Center and SkyWard IO, Inc for Collaboration for Low Altitude Airspace and Unmanned Aerial System (UAS) Operations and Portable UAS Traffic Management (UTM) System Development	10/22/2014	10/22/2019	Non-Reimbursable	\$723,417	ARC	SAA2-402952
187	18916	Unmanned Innovation, Inc. (dba Airware)	Nonreimbursable Space Act Agreement between The National Aeronautics And Space Administration, Ames Research Center and Unmanned Innovation, Inc. (dba Airware) for the Development of Operational Criteria to allow UAS in Class G (Low Altitude Airspace)	9/8/2014	9/8/2019	Non-Reimbursable	\$328,358	ARC	SAA2-402929
188	18406	Google, Inc	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration, Ames Research Center and Google, Inc. for Collaboration related to Autonomous Vehicle Operations Concepts and Technologies to Enable New Capabilities in Air Transportation	6/27/2014	6/27/2019	Non-Reimbursable	\$453,843	ARC	SAA2-402905
189	17991	Stanford Blood Center	Nonreimbursable Space Act between Stanford Blood Center and NASA Ames Research Center for Blood Drives	5/15/2014	5/15/2020	Non-Reimbursable	\$2,000	ARC	SAA2-402917
190	17091	CITY OF SUNNYVALE	Lease Agreement - Sunnyvale Golf Course	5/24/2002	5/24/2022	Reimbursable	-----	ARC	SAA2-401308
191	16787	Space Systems/Loral, LLC	Nonreimbursable Space Act Agreement between The National Aeronautics And Space Administration, Ames Research Center and Space Systems/Loral LLC for Robotic and Spacecraft Technology Research	12/24/2013	12/24/2019	Non-Reimbursable	-----	ARC	SAA2-402790



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192	16543	UNIVERSITY OF CINCINNATI	Nonreimbursable Umbrella Space Act Agreement between University of Cincinnati and The National Aeronautics And Space Administration, Ames Research Center for Space Exploration, Science and Engineering Research, and Stem Initiatives	11/6/2013	11/6/2023	Non-Reimbursable	-----	ARC	SAA2-402808
193	15238	US Airways, Inc.	Nonreimbursable Space Act Agreement Between US Airways Inc. and The National Aeronautics And Space Administration, Ames Research Center for Development of Airline Ramp Management Decision Support Tool	4/23/2013	4/23/2021	Non-Reimbursable	-----	ARC	SAA2-402733
194	14340	The State of Alaska	Annex Three to the Nonreimbursable Space Act Agreement between State of Alaska and NASA Ames Research Center for Air Traffic Management Technology Applications	1/23/2013	10/31/2019	Non-Reimbursable	-----	ARC	SAA2-402579-3
195	14117	The Boeing Company	Reimbursable Space Act Agreement between NASA ARC and The Boeing Company for Utilization of Wind Tunnel Facilities for Cooperative Research and Testing	12/17/2001	6/18/2019	Reimbursable	-----	ARC	SAA2-401097
196	13236	Virgin Galactic	Reimbursable Umbrella Space Act Agreement between Virgin Galactic and The National Aeronautics and Space Administration, Ames Research Center for Supporting the Maturation of Virgin Galactic's Air-Launched Vehicle System	7/13/2012	7/13/2019	Reimbursable	-----	ARC	SAA2-402686
197	12362	Verdigris Technologies, Inc.	Nonreimbursable Space Act Agreement between Verdigris Technologies, Inc. and NASA Ames Research Center for Advanced Sensing and Health Management for Sustainable Habitats	5/7/2012	5/7/2020	Non-Reimbursable	-----	ARC	SAA2-402705

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198	10952	Lockheed Martin Corporation	Annex One to Reimbursable Space Act Agreement between Lockheed Martin Corporation and NASA Ames Research Center for Advanced Thermal Protection Systems (TPS) Testing	10/17/2011	10/17/2019	Reimbursable	-----	ARC	SAA2-402602-1
199	10951	Lockheed Martin Corporation	Reimbursable Umbrella Space Act Agreement between Lockheed Martin Corporation and NASA Ames Research Center for Advanced Thermal Protection Systems (TPS) Testing	10/17/2011	10/17/2019	Reimbursable	-----	ARC	SAA2-402602
200	10780	Palo Alto Humane Society	Nonreimbursable Space Act Agreement between Palo Alto Humane Society and NASA Ames Research Center for Ames Feral Cat Management	9/22/2011	9/22/2021	Non-Reimbursable	-----	ARC	SAA2-402649
201	10122	Lockheed Martin Aeronautics Company	Reimbursable Umbrella Space Act Agreement between Lockheed Martin Aeronautics Company and NASA Ames Research Center for Wind Tunnel Testing	7/12/2011	7/12/2021	Reimbursable	-----	ARC	SAA2-402632
202	9998	The State of Alaska	Nonreimbursable Umbrella Space Act Agreement between The State of Alaska and National Aeronautics and Space Administration Ames Research Center for Space Exploration; Advanced Aviation; Scientific Research; and Science, Technology, Engineering, and Mathematics Education Initiatives	11/19/2010	11/30/2020	Non-Reimbursable	-----	ARC	SAA2-402579
203	9725	Southwest Airlines Company	Nonreimbursable Space Act Agreement between Southwest Airlines Company and NASA Ames Research Center for Automated Analysis of Diverse Aviation Data	5/4/2011	9/2/2021	Non-Reimbursable	-----	ARC	SAA2-402534

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204	8797	SETI Institute	Nonreimbursable Space Act Agreement between NASA Ames Research Center and SETI Institute for Shared Information Exchange on Common Astrobiology Objectives	12/6/2005	12/6/2020	Non-Reimbursable	-----	ARC	SAA2-401923
205	8485	Northrop Grumman	Reimbursable Umbrella Space Act Agreement between Northrop Grumman Systems Corporation and NASA Ames Research Center for Wind Tunnel Testing	9/26/2010	9/26/2019	Reimbursable	-----	ARC	SAA2-402582
206	8440	Protoinnovations, LLC	Nonreimbursable Space Act Agreement between Protoinnovations, LLC and NASA Ames Research Center for Small Scale Robotics Technology Research	9/17/2010	9/17/2019	Non-Reimbursable	-----	ARC	SAA2-402588
207	8184	Battelle Memorial Institute	Nonreimbursable Space Act Agreement between Battelle Memorial Institute Pacific Northwest Division and NASA Ames Research Center for Development and Shared Use of Airborne Sun/Sky Spectrometry Instruments	8/6/2010	8/6/2020	Non-Reimbursable	-----	ARC	SAA2-402549
208	7287	Singularity University	Nonreimbursable Space Act Agreement between Singularity Education Group and The National Aeronautics And Space Administration, Ames Research Center for Advancing Science, Technology, Engineering, and Mathematics (STEM) Education Goals	2/21/2010	2/20/2020	Non-Reimbursable	-----	ARC	SAA2-402537
209	4900	AMES CHILD CARE CENTER	Nonreimbursable Space Act Agreement Between NASA Ames Research Center and Ames Child Care Center for Administration of On-Site Child Care Facility	5/19/2005	6/30/2019	Non-Reimbursable	-----	ARC	SAA2-401816

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210	29747	SPACE EXPLORATION TECHNOLOGIES CORP	StarLink Acoustic and Modal Testing at NASA GRC Plum Brook Station	3/7/2019	3/7/2020	Reimbursable		----- GRC	SAA8-1517373-12
211	29435	AEROJET ROCKETDYNE, INC	Annex No. 5 to SAA3-1336 Upper Stage Engine Manufacturing, Testing, and Evaluation Support	12/18/2018	12/13/2019	Reimbursable		----- GRC	SAA3-1336-5
212	29386	Space Systems Loral, LLC.	LEO Atomic Oxygen Exposure Tests of Various Materials for Space Systems Loral	2/12/2019	2/12/2020	Reimbursable		----- GRC	SAA3-1595
213	29350	Acree Technologies, Inc.	Integration of High Temperature Environmental Barrier Coating (EBC) and Sensor Systems for Advanced Propulsion Materials	2/6/2019	2/6/2020	Reimbursable		----- GRC	SAA3-1596
214	29243	Orleans Niagara Board of Cooperative Educational Services	High School Students United with NASA to Create Hardware (HUNCH)	7/14/2017	7/14/2022	Non-Reimbursable	\$149,717	GRC	SAA3-1520
215	28950	ZIN Technologies, Inc.	Annex No. 2 Under Umbrella Agreement SAA3-1539 Use of Unique Facilities: 1K Clean Room	11/25/2018	11/25/2020	Reimbursable		----- GRC	SAA3-1539-2

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216	28854	California Institute of Technology	Failure Analysis of Modified Environmental Barrier Coatings (EBC)	3/6/2019	3/6/2022	Non-Reimbursable	\$14,614	GRC	SAA3-1599
217	28821	Ozark Integrated Circuits, Inc.	Testing of Extreme High Temperature Capable SiC Integrated Circuits for Geothermal Systems for OZARK, Inc.	10/22/2018	10/22/2021	Reimbursable	-----	GRC	SAA3-1581
218	28807	Invercon LLC	Ice Protection System Development Activities	10/3/2018	10/3/2020	Reimbursable	-----	GRC	SAA3-1577
219	28638	GENERAL ELECTRIC COMPANY	Electrified Aircraft Propulsion (EAP) Powertrain Component Testing	9/14/2018	9/14/2020	Non-Reimbursable	\$764,629	GRC	SAA3-1573
220	28377	ROLLS-ROYCE CORP	Noise Predictions for Supersonic Aircraft Using NASAs ANOPP Code	9/28/2018	9/17/2019	Non-Reimbursable	\$13,032	GRC	SAA3-1380-05
221	28347	HAMR Industries LLC	Durable all-oxide thermal-environmental barrier coatings (T-EBCs) capable of high temperature operation	7/31/2018	7/31/2019	Reimbursable	-----	GRC	SAA3-1568

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222	28345	University of California Los Angeles	Understanding the Near-surface Venus Atmosphere with UCLA	8/7/2018	8/7/2019	Non-Reimbursable	\$121,158	GRC	SAA3-1569
223	28339	QuesTek Innovations, LLC	Fatigue Test of Additive Manufactured Steel Gears	9/17/2018	9/17/2019	Reimbursable	-----	GRC	SAA3-1574
224	28239	AEROJET ROCKETDYNE, INC	Annex No. 4 under SAA3-1336 Upper Stage Engine Manufacturing, Testing, and Evaluation Support for Aerojet Rocket Dyne, Inc.	7/17/2018	7/17/2019	Reimbursable	-----	GRC	SAA3-1336-4
225	28235	Textron Aviation, Inc.	Ice Protection System Development Activities for Textron Aviation	2/27/2019	2/27/2021	Reimbursable	-----	GRC	SAA3-1598
226	28231	Ophir Corporation	Icing Test Activities for Ophir Corporation	10/15/2018	10/15/2020	Reimbursable	-----	GRC	SAA3-1579
227	27984	Orbital Sciences Corporation, a wholly owned subsidiary of Orbital ATK	Annex No. 6 under the Cryogenically - Fueled Upper Stage Technologies Umbrella Agreement with Orbital ATK	12/14/2018	12/14/2022	Reimbursable	-----	GRC	SAA8-1726082.6

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228	27915	Alameda Applied Sciences Corporation	Metal Plasma Thruster Testing	7/31/2018	7/31/2019	Non-Reimbursable	\$27,216	GRC	SAA3-1566
229	27832	UNIVERSITY OF WASHINGTON	Collaborative Swept-Wing Aircraft Icing Research with University of Washington	11/5/2018	11/5/2020	Non-Reimbursable	\$24,481	GRC	SAA3-1585
230	27706	The Ohio State University	Ice Protection System Development Activities for The Ohio State University	9/28/2018	9/28/2020	Reimbursable	-----	GRC	SAA3-1576
231	27654	ORBITAL Sciences Corp.	Annex No. 2 for the Umbrella Agreement Cryogenically - Fueled Upper Stage Technologies for Orbital ATK	5/11/2018	5/11/2021	Reimbursable	-----	GRC	SAA8-1726082.2
232	27606	THE BOEING COMPANY	Shape Memory Alloy Reconfigurable Technology - Vortex Generator (SMART-VG) with The Boeing Company	12/6/2018	12/6/2021	Non-Reimbursable	\$184,268	GRC	SAA3-1589
233	27580	UNIVERSITY OF CENTRAL FLORIDA, ON BEHALF OF ITS BOARD OF TRUSTEES	Stress Analysis of Plasma Spray- Physical Vapor Deposition (PS-PVD) Coatings	8/7/2018	8/7/2019	Non-Reimbursable	\$9,420	GRC	SAA3-1570

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234	27546	UNIVERSITY OF CALIFORNIA	Calorimetric Measurement of CMAS and EBC Materials	7/31/2018	7/31/2019	Non-Reimbursable	\$4,710	GRC	SAA3-1567
235	27430	WOODWARD FST, INC	Fundamental Testing of Advanced SV-LDI Low-Emissions Fuel-Air Mixers	10/22/2018	10/22/2021	Non-Reimbursable	\$287,914	GRC	SAA3-1580
236	27386	Team NEO	Northeast Ohio Energy Tech Connect	3/14/2018	9/14/2019	Non-Reimbursable	\$24,931	GRC	SAA3-1548
237	27376	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	Advanced Networking Technology for Integrating Communications in Space (ANTICS)	4/22/2018	4/22/2019	Reimbursable	-----	GRC	SAA3-1563
238	27357	The Boeing Company	777X Slat 8 Ice Protection System Development Activities	4/22/2018	4/22/2020	Reimbursable	-----	GRC	SAA3-1556
239	27174	GENERAL ELECTRIC COMPANY	GE Low Pressure Ratio Fan Test	3/28/2019	3/28/2024	Non-Reimbursable	\$5,452,479	GRC	SAA3-1588



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240	27109	CATALYST CONNECTION	NASA Tech Connect Event with Catalyst Connection	1/25/2018	7/25/2019	Non-Reimbursable	\$34,154	GRC	SAA3-1536
241	26982	Kettering City Schools	NASA HUNCH (High school students United with NASA to Create Hardware)	3/14/2018	3/14/2023	Non-Reimbursable	\$97,136	GRC	SAA3-1545
242	26825	ASM INTERNATIONAL	Material Data Management Consortium with ASM International	3/27/2018	3/27/2022	Reimbursable	-----	GRC	SAA3-1550
243	26750	The University of Tulsa	Cognitive Multiple User Free Space Optical Link Study - TU	1/7/2018	1/7/2022	Non-Reimbursable	\$17,702	GRC	SAA3-1532
244	26696	Harris Corporation Rochester, NY	Extreme Environment Testing of Optical Coupons	12/7/2017	5/7/2019	Reimbursable	-----	GRC	SAA3-1530
245	26690	Moog Inc.	Annex No. 4 under the Umbrella Agreement SAA3-1412 for Moog, Inc.	2/28/2018	3/31/2020	Reimbursable	-----	GRC	SAA3-1412-4

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246	26450	Genesee Valley Educational Partnership	NASA HUNCH (High school students United with NASA to Create Hardware)	5/6/2018	5/6/2023	Non-Reimbursable	\$97,136	GRC	SAA3-1564
247	26343	J.I. Case High School	NASA HUNCH (High school students United with NASA to Create Hardware)	3/14/2018	3/14/2023	Non-Reimbursable	\$91,486	GRC	SAA3-1547
248	26342	North Ridgeville High School	NASA HUNCH (High school students United with NASA to Create Hardware)	3/27/2018	3/27/2023	Non-Reimbursable	\$97,136	GRC	SAA3-1554
249	26341	PLATTEVILLE HIGH SCHOOL	NASA HUNCH (High school students United with NASA to Create Hardware)	4/22/2018	4/22/2023	Non-Reimbursable	\$92,620	GRC	SAA3-1560
250	26332	Real-Time Logic, Inc.	Consultative Committee for Space Data Systems ("CCSDS") Optical Communications High Photon Efficiency Waveform Testing with Real-Time Logic, Inc.	5/31/2018	5/31/2019	Non-Reimbursable	\$14,871	GRC	SAA3-1543
251	26227	UNIVERSITY OF NOTRE DAME	Ice Protection System Development Activities for University of Notre Dame	2/14/2018	2/14/2020	Reimbursable	-----	GRC	SAA3-1537

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252	25878	Fort Wayne Metals Research Products Corp.	Incorporation of Processing Methodology for Stabilizing Shape Memory Alloy Performance in Conventional Wire and Structural Forms with Fort Wayne Metals	4/10/2018	10/10/2019	Reimbursable	-----	GRC	SAA3-1549
253	25836	Boom Technology, Inc.	Noise Predictions for Supersonic Aircraft Using NASA's ANOPP Code	12/3/2017	6/3/2019	Non-Reimbursable	\$12,644	GRC	SAA3-1527
254	25796	Pratt & Whitney	Icing Exposure Activities for Pratt and Whitney	3/28/2019	3/28/2022	Reimbursable	-----	GRC	SAA3-1600
255	25795	Textron Aviation	Ice Protection System Development Activities for Textron Aviation	8/14/2017	8/14/2019	Reimbursable	-----	GRC	SAA3-1523
256	25557	SINCLAIR COMMUNITY COLLEGE	Annex No. 2 under Umbrella Agreement SAA3-1475 with Sinclair Community College for Unmanned Aircraft Systems Research	9/6/2017	9/6/2019	Non-Reimbursable	\$232,713	GRC	SAA3-1475-02
257	25538	Cattaraugus-Allegany Board of Cooperative Educational Services	NASA HUNCH (High school students United with NASA to Create Hardware)	3/27/2018	3/27/2023	Non-Reimbursable	\$91,486	GRC	SAA3-1553

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258	25484	GULFSTREAM AEROSPACE CORP	Noise Predictions For Supersonic Aircraft Using NASAs ANOPP Code	12/7/2017	6/7/2019	Non-Reimbursable	\$12,644	GRC	SAA1-24738-2
259	25470	LOCKHEED MARTIN	Annex No. 08 under SAA2-402632 for Demonstration of a Nozzle Concept in NASA GRC Aero-Acoustic Propulsion Laboratory (AAPL) Facility	8/23/2017	7/12/2021	Reimbursable	-----	GRC	SAA2-402632-8
260	25419	The Water Council	NASA GRC-TWC Water Initiative Activities	10/4/2017	10/4/2020	Non-Reimbursable	\$52,295	GRC	SAA3-1524
261	25385	The Lincoln Electric Company	Development of Laser Hot Wire Technology with The Lincoln Electric Company	5/25/2017	5/25/2019	Non-Reimbursable	\$102,798	GRC	SAA3-1515
262	25354	The Aerospace Corporation	Evaluation of an Electromagnetic Interference Test Facility for a NASA Hall Thruster with The Aerospace Corporation	7/14/2017	7/14/2019	Non-Reimbursable	\$24,779	GRC	SAA3-1518
263	25318	The Boeing Company	777X Ram Air Turbine Test in Icing Conditions for the Boeing Company	10/25/2017	10/25/2019	Reimbursable	-----	GRC	SAA3-1522

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264	25302	Aerion Corporation	Noise Predictions for Supersonic Business Jets Using NASA's ANOPP Code	12/3/2017	6/3/2019	Non-Reimbursable	\$12,644	GRC	SAA3-1528
265	25289	East Troy Community School District	NASA HUNCH (High school students United with NASA to Create Hardware)	3/14/2018	3/14/2023	Non-Reimbursable	\$92,620	GRC	SAA3-1546
266	24838	Global Energy Corporation	Development and Testing of a High Power Space Generator	1/7/2018	1/7/2023	Reimbursable	-----	GRC	SAA3-1529
267	24577	Cleveland Water Alliance	NASA Glenn Research Center Water Initiative Activities with the Cleveland Water Alliance	1/15/2017	1/15/2020	Non-Reimbursable	\$38,323	GRC	SAA3-1504
268	24459	ZIN TECHNOLOGIES, INC	Use of Unique NASA Facilities (EMI Lab, TSC, 1K Clean room)	3/5/2018	3/5/2023	Reimbursable	-----	GRC	SAA3-1539
269	24405	Williams International	FJ44-4A and FJ33-5A Engine Icing Risk Assessment	1/18/2017	1/18/2020	Non-Reimbursable	\$24,735	GRC	SAA3-1505

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270	23602	Lorain County Community College	NASA GRC and LCCC Kiosk Pilot Project	9/19/2016	9/19/2021	Non-Reimbursable	\$14,442	GRC	SAA3-1481
271	23536	Rolls-Royce Corporation	Annex No. 3 to SAA3-1380 for Collaborative Research Activities with Rolls-Royce	2/22/2017	9/1/2019	Non-Reimbursable	\$60,865	GRC	SAA3-1380-3
272	23430	American Technical Coatings, Inc.	Ballistic Radome Development	5/11/2017	5/11/2020	Reimbursable	-----	GRC	SAA3-1513
273	23054	University of Notre Dame	Collaborative Research Activities Using the Advanced Noise Control Fan (ANCF) Test Rig for Science, Technology, Engineering and Math (STEM) Education	8/9/2016	8/9/2021	Non-Reimbursable	\$237,087	GRC	SAA3-1482
274	22889	Teledyne Energy Systems, Inc.	Development of Terrestrial Stirling Power Unit	8/25/2016	8/25/2019	Reimbursable	-----	GRC	SAA3-1476
275	22817	Pennsylvania State University Applied Research Laboratory	High-Speed Gear Studies	11/29/2016	11/29/2021	Non-Reimbursable	\$431,929	GRC	SAA3-1495

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276	22557	University Circle Inc	University Circle Inc Future Connections Partnership for STEM Students	5/31/2016	5/31/2021	Non-Reimbursable	\$13,663	GRC	SAA3-1470
277	22356	Orbital Sciences Corporation	NASA Research Announcement: NNH15ZOA001N: Public Private Partnership for Robotic In-Space Manufacturing and Assembly of Spacecraft and Space Structures	10/3/2016	10/3/2021	Non-Reimbursable	\$131,737	GRC	SAA3-1491
278	22172	University of Missouri at Columbia	Measurement of Desorption of Strontium and Cesium from Graphite	6/18/2016	5/15/2021	Reimbursable	-----	GRC	SAA3-1474
279	22135	Cleveland Clinic Foundation	Immersive Environment Support for Motor Imagery Training	4/25/2016	4/22/2021	Reimbursable	-----	GRC	SAA3-1468
280	22050	The Goodyear Tire & Rubber Company	Performance Testing of Airless Tires in the SLOPE Lab	11/29/2016	11/29/2020	Reimbursable	-----	GRC	SAA3-1498
281	21977	Aerojet Rocketdyne, Inc.	Announcement of Collaborative Opportunity (ACO) solicitation, (ANNOUNCEMENT NUMBER: NNH15ZOA001K) "Utilizing Public-Private Partnerships to Advance Emerging Space Technology System Capabilities." COLLABORATIVE DEVELOPMENT, ENGINEERING, AND TESTING OF VARIOUS SPACE-RELATED TECHNOLOGIES	5/5/2016	5/5/2021	Non-Reimbursable	\$939,371	GRC	SAA3-1452

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282	21883	United Technology Research Center	High Efficiency Centrifugal Compressor Diffuser Redesign and Test	7/27/2016	7/27/2021	Non-Reimbursable	\$2,907,687	GRC	SAA3-1472
283	21805	Sinclair Community College	Umbrella Agreement with Sinclair Community College for Unmanned Aircraft Systems Research	6/18/2016	6/18/2021	Non-Reimbursable	\$0	GRC	SAA3-1475
284	21691	Hathaway Brown School	STEM Collaboration with Hathaway Brown School	4/25/2016	4/25/2021	Reimbursable	-----	GRC	SAA3-1466
285	21329	Case Western Reserve University	Development of Real-Time Particulate and Toxic-Gas Sensors for Firefighter Health and Safety	11/20/2015	4/25/2022	Reimbursable	-----	GRC	SAA3-1435
286	21212	Siemens Energy, Inc.	Axial Turbine Cascade Rig Testing in GRC CW-22 Facility	4/8/2016	4/8/2019	Reimbursable	-----	GRC	SAA3-1461
287	21053	Honeywell International Inc.	PSL Development Test Utilizing an Honeywell Research Engine	2/28/2016	8/28/2019	Reimbursable	-----	GRC	SAA3-1448



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288	20864	Lewis Little Folks, Incorporated	Lewis Little Folks Space Act Agreement	7/11/2017	7/11/2022	Non-Reimbursable	\$493,128	GRC	SAA3-1494
289	20780	Friends of NASA Plum Brook Station, LLC	Plum Brook Station Entry Monument Sign	3/19/2018	3/19/2023	Non-Reimbursable	\$5,452	GRC	SAA3-1544
290	20627	General Electric Global Research	Propulsion, Power, Materials and Structures for Advanced Aeronautics Components and Systems Concepts	12/15/2015	12/15/2020	Reimbursable	-----	GRC	SAA3-1437
291	20541	Southwest Research Institute	Great Horned Owl Validation Program	10/13/2015	10/13/2019	Non-Reimbursable	\$2,057	GRC	SAA3-1430
292	20425	The Boeing Company	Multiscale Modeling of Composite Systems	9/17/2015	9/17/2020	Reimbursable	-----	GRC	SAA3-1428
293	19638	The Nature Conservancy	Cooperative Habitat Management of NASA Plum Brook Station	10/19/2015	10/19/2020	Non-Reimbursable	\$88,676	GRC	SAA3-1432

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294	19304	Meggitt (Orange County), Inc. (formerly known as Endevo Corp.).	Beta Testing of New Generation SiC Pressure Sensors	12/19/2014	12/19/2019	Reimbursable	-----	GRC	SAA3-1403
295	18657	Ohio Department of Natural Resources	A Series of Public Deer Hunts at Plum Brook Station 2014-2019	10/21/2014	10/21/2019	Non-Reimbursable	\$275,638	GRC	SAA3-1390
296	18358	Rolls-Royce Corporation	Umbrella Agreement for Collaborative Research Activities in Materials, Structures and Component Concepts in Gas Turbine Engines and Collaborative Research Activities in Aeronautics and Related Technologies.	9/17/2014	9/17/2019	Non-Reimbursable	\$0	GRC	SAA3-1380
297	18331	Moog Inc.	Moog Inc. Umbrella Agreement with NASA Glenn	4/1/2015	4/1/2020	Reimbursable	-----	GRC	SAA3-1412
298	18328	The Boeing Company	Collaborative Research Activities in Aeronautics and Related Technologies	2/11/2015	2/11/2020	Reimbursable	-----	GRC	SAA3-1406
299	18296	The Pennsylvania State University	Umbrella Agreement for Icing Physics Fundamental Studies.	12/11/2015	12/11/2020	Non-Reimbursable	\$0	GRC	SAA3-1436

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300	16003	Aerojet Rocketdyne Inc.	Upper Stage Engine Manufacturing, Testing, and Evaluation Support	12/13/2013	12/13/2019	Reimbursable	-----	GRC	SAA3-1336
301	14884	Lockheed Martin Space Systems Company	Lockheed Martin Space Systems Technical Activities - Umbrella Agreement	3/19/2015	3/19/2020	Reimbursable	-----	GRC	SAA3-1411
302	7710	Great Lakes Science Center	Modifies Article 3 regarding admission	2/8/2010	9/28/2019	Reimbursable	-----	GRC	SAA3-1079-2
303	7708	Great Lakes Science Center	Provide a Framework for a Unique Regional Partnership	9/28/2009	9/28/2019	Reimbursable	-----	GRC	SAA3-1079
304	2972	City of Cleveland	Mitigating Environmental Impacts Related to Operation of the New Stage I Runway 6L/24R	11/20/2002	11/20/2027	Non-Reimbursable	-----	GRC	SAA3-637
305	2971	City of Cleveland	Transfer of Real Property Interests	12/23/2002	12/23/2027	Non-Reimbursable	-----	GRC	SAA3-636

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306	29494	SPACE TELESCOPE SCIENCE INSTITUTE	Loan of Touch Screen System for Display of Science Information	2/13/2019	2/13/2021	Non-Reimbursable	\$1,000	GSFC	29494
307	29071	Williamsburg-James City County Public Schools	STEM Girls Night In	10/29/2018	4/29/2019	Non-Reimbursable	\$10,944	GSFC	SAA5-18-4-N29071
308	29069	Loudoun County Public Schools	STEM Girl's Night In Event - Fall 2018	10/29/2018	4/29/2019	Non-Reimbursable	\$16,416	GSFC	SAA5-18-4-N29069
309	28411	National Basketball Retired Players Association	COLLABORATION ON AWARENESS OF NASA TECHNOLOGIES FOR ENTREPRENURIAL OPPORTUNITIES	9/14/2018	9/14/2023	Non-Reimbursable	\$112,600	GSFC	SAA5-18-3-N28411
310	27110	UNIVERSITY OF MARYLAND Baltimore County	AUGMENTED REALITY AND VIRTUAL REALITY PILOT PROGRAM DEVELOPMENT	4/18/2018	4/18/2021	Non-Reimbursable	\$66,000	GSFC	SAA5-18-01-N27110
311	26648	BridgeSat, Inc.	Reimbursable SAA for Collaboration on Developing A Commercialized Free Space Optical Communication System	2/27/2018	10/27/2019	Reimbursable	-----	GSFC	SAA5-18-4-R26648

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312	26568	Electric Power Research Institute, Inc.	Research to Improve Understanding of the Impact of Geomagnetic Disturbances on Electric Transmission Systems	3/23/2018	3/23/2020	Reimbursable	-----	GSFC	SAA5-2017-4-R26568
313	26093	HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING, CORP	APPLICATION OF SUPER-HYDROPHOBIC COATINGS TO SAMPLES AND EVALUATION	7/28/2017	7/28/2020	Reimbursable	-----	GSFC	SAA5-17-4-R26093
314	25933	INSTITUTE FOR LOCAL INNOVATIONS, INC	IDENTIFYING AND ESTABLISHING TECHNOLOGY TRANSFER OPPORTUNITIES AND COLLABORATIONS	10/2/2017	10/2/2022	Non-Reimbursable	\$8,700	GSFC	SAA5-17-3-N25933
315	25689	National Football League Players Association	COLLABORATION TO COMMERCIALIZE NASA TECHNOLOGIES	5/15/2018	5/15/2020	Non-Reimbursable	\$112,600	GSFC	SAA5-2017-3-N25689
316	25423	Bowie State University	Augmented Reality and Virtual Reality Pilot Program Development	2/27/2018	2/27/2021	Non-Reimbursable	\$66,000	GSFC	SAA5-17-02-N25423
317	25186	Arizona State University	DEVELOPMENT OF SCREENING AND QUALIFICATION PLAN FOR SPECIALIZED INFRARED DETECTORS AND LASER DIODES	5/3/2017	5/14/2019	Reimbursable	-----	GSFC	SAA5-17-2-R25186

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318	25126	Emergent Space Technologies Incorporated	Access and use of GSFC's Global Positioning Satellite Test and Simulation Facilities for Commercial Purposes	3/24/2017	3/24/2020	Reimbursable	-----	GSFC	SAA5-17-02-R25126
319	24956	UNIVERSITY OF PITTSBURGH	ON-ORBIT RADIATION HARDENED BY SOFTWARE TECHNOLOGY RESEARCH	2/27/2018	2/27/2021	Non-Reimbursable	\$12,361	GSFC	SAA5-17-02-N24956
320	24841	Society of Photo-Optical Instrumentation Engineers (SPIE)	Editor-in-Chief for Journal of Astronomical Telescopes, Instruments and Systems	1/24/2017	1/23/2020	Non-Reimbursable	\$17,033	GSFC	600-17-24841
321	24469	The Hollywood Black Film Festival	THE PRODUCTION OF NASA THEMED SCIENCE FICTION FILM CONCEPTS	1/23/2017	1/23/2022	Non-Reimbursable	\$8,700	GSFC	SAA5-17-1-N24469
322	23781	Arizona Board of Regents for and behalf of Arizona State University	Mars Atmospheric Infrared Data Analysis	6/27/2017	6/26/2021	Reimbursable	-----	GSFC	23781
323	23738	The Trustees of Columbia University in the City of New York	Joint Collaborative Framework for Climate and Space Studies	5/29/2015	5/28/2020	Non-Reimbursable	\$10,000	GSFC	SAA-15-27264

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324	23698	Brigham Young University	ON-ORBIT RADIATION HARDENED BY SOFTWARE TECHNOLOGY RESEARCH	2/13/2017	2/13/2022	Non-Reimbursable	\$10,519	GSFC	SAA5-16-03-N23698
325	23257	Sierra Lobo Incorporated	Access and use of GSFCs Environmental Test and Integration systems and facilities for commercial purposes	6/30/2016	10/30/2019	Reimbursable	-----	GSFC	SAA5-16-03-R23257
326	23253	Michael Ansel Brown Jr.	Commercialization Of NASA Developed Technologies By The US Veteran Community	9/29/2017	9/29/2020	Non-Reimbursable	\$101,100	GSFC	SAA5-2016-3-N23253
327	22953	Massachusetts General Hospital	Development of a Static X-ray Computed-Tomography (CT) Proof of Concept Device Utilizing NASA Modulated X-ray Sources	4/17/2017	4/17/2019	Non-Reimbursable	\$373,200	GSFC	SAA5-2016-3-N22953
328	22549	University of North Carolina Wilmington	NONREIMBURSABLE SPACE ACT AGREEMENT FOR THE IMPLEMENTATION AND OPERATION OF THE SUSTAINED OCEAN COLOR OBSERVATIONS WITH NANOSATELLITES (SOCON) PROJECT	6/1/2017	6/1/2022	Non-Reimbursable	\$160,000	GSFC	450-AGMT-0149
329	22332	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	SPACE-BASED MEASUREMENTS FOR APPLIED AND GENERAL RESEARCH IN EARTH SCIENCE	12/6/2018	12/5/2021	Non-Reimbursable	\$581,000	GSFC	600-18-22332-LLNL

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330	21991	Virginia Electric and Power Company d/b/a Dominion Virginia Power	USAGE OF THE US HIGH-VOLTAGE POWER TRANSMISSION GRID AS A SPACE WEATHER ANTENNA	8/22/2016	8/22/2019	Reimbursable	-----	GSFC	SAA5-2016-1-R21991
331	21633	Space Exploration Technologies Corp.	Reimbursable Space Act Agreement for Spacecraft RF Compatibility Testing	8/23/2016	8/23/2021	Reimbursable	-----	GSFC	450-AGMT-0139
332	20729	United Launch Alliance, LLC	TDRS Services for Launch Vehicles	11/13/2015	11/13/2020	Reimbursable	-----	GSFC	450-AGMT-0138
333	20717	Orbital ATK Company	Reimbursable Space Act Agreement for Cygnus Spacecraft RF Compatibility Testing	8/12/2015	8/12/2020	Reimbursable	-----	GSFC	450-AGMT-0137
334	19398	Southern Company	USAGE OF THE US HIGH-VOLTAGE POWER TRANSMISSION GRID AS A SPACE WEATHER ANTENNA	6/16/2017	6/16/2020	Reimbursable	-----	GSFC	SAA5-2015-1-R19398
335	19278	Dominion Virginia Power	Usage of the US High-Voltage Power Transmission Grid as a Space Weather Antenna	8/22/2016	8/22/2019	Reimbursable	-----	GSFC	SAA5-2015-1-R19278



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336	19191	Space Systems/Loral, LLC	Application Of Thermal Control Coatings To Space Flight Hardware	2/12/2016	12/18/2019	Reimbursable	-----	GSFC	SAA5-15-1-R-N19191
337	19026	Cornell University	Collaborative Exploration and Engineering for Thermal Design, Flight Dynamics and Robotic Sample Acquisition Applications	3/14/2016	9/1/2019	Reimbursable	-----	GSFC	
338	18544	Virginia Commercial Space Flight Authority	Construction and Operation of Unmanned Aerial System (UAS) Runway on Wallops Island	10/1/2015	10/1/2020	Non-Reimbursable	\$857,575	GSFC	
339	16279	The Nature Conservancy, University of Delaware, University of Maryland, University of Virginia, College of William and Mary, Marine Science Consortium	Mid Atlantic Coastal Resilience Institute	9/15/2014	9/15/2019	Non-Reimbursable	\$2,000	GSFC	
340	15742	SES Americom Government Services	For Land Use License Termination Project at NASA Goddard Space Flight Center	3/25/2014	4/30/2019	Reimbursable	-----	GSFC	
341	15479	Sierra Nevada Corp.	Reimbursable Space Act Agreement for Dream Chaser Mission and Planning Support	7/8/2014	7/8/2019	Reimbursable	-----	GSFC	450-AGMT-0127

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342	14465	Simons Foundation	Origins of Life Studies	4/30/2013	9/30/2023	Reimbursable	-----	GSFC	SAA-13-14465
343	7995	Maryland Technology Development Corporation	Support in Identifying and Establishing Technology Transfer Opportunities and Collaborations	5/24/2011	7/17/2020	Non-Reimbursable	-----	GSFC	SAA5-10-1-N7995
344	7533	Tom Doherty Associates LLC	PUBLICATION OF NASA THEMED WORKS OF FICTION	7/6/2011	7/6/2021	Non-Reimbursable	-----	GSFC	SAA5-10-3-N7533
345	6518	The University of Maryland	Joint Space Science Institute	3/4/2010	3/4/2020	Non-Reimbursable	-----	GSFC	SAA-09-6518
346	29345	Mercy Corps	Utilizing Earth Observations for Humanitarian and Development Activities	3/29/2019	3/29/2022	Non-Reimbursable	\$500,000	HQ-SMD	
347	29332	Mercy Corps	Utilizing Earth Observations for Humanitarian and Development Activities	3/29/2019	3/29/2022	Non-Reimbursable	\$0	HQ-SMD	

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348	28133	COLORADO BUSINESS DEVELOPMENT FOUNDATION	SMALL BUSINESS COMMERCIALIZATION EVENT	5/30/2018	5/30/2020	Non-Reimbursable	\$62,359	HQ-STMD	
349	27561	CONSERVATION INTERNATIONAL	Freshwater Health Index	2/22/2018	2/22/2021	Non-Reimbursable	\$251,077	HQ-SMD	
350	27304	CONSERVATION INTERNATIONAL	Natural Capital and Ecosystem Accounting	2/22/2018	2/22/2021	Non-Reimbursable	\$618,888	HQ-SMD	
351	27302	CONSERVATION INTERNATIONAL	Assessing Ecosystem Services and Health	2/22/2018	2/22/2021	Non-Reimbursable	\$0	HQ-SMD	
352	27255	RFC Media, LLC	Collaboration with RFC Media on Third Rock Radio	11/30/2017	11/30/2022	Non-Reimbursable	\$6,473	HQ-OC	
353	27055	Virgin Orbit, LLC	STMD-ACO:LauncherOne Small Launch Vehicle Propulsion Advancement	11/9/2017	11/9/2019	Non-Reimbursable	\$1,161,527	HQ-STMD	STMD-ACO SAA-27055

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354	27054	Cubic Aerospace LLC	STMD-ACO:GPU Radiation Effects and Capability Characterization	11/9/2017	11/9/2019	Non-Reimbursable	\$146,304	HQ-STMD	STMD-ACO SAA-27054
355	27053	ViaSat Inc.	STMD- ACO:Technology Announcement of Collaborative	11/9/2017	11/9/2019	Non-Reimbursable	\$193,199	HQ-STMD	STMD-ACO SAA-27053
356	27052	ATLAS SPACE OPERATIONS	STMD- ACO:ATLAS LINKS Electronically Steered Aperture Array System	11/9/2017	11/9/2019	Non-Reimbursable	\$252,800	HQ-STMD	STMD-ACO SAA-27052
357	27051	BUSEK CO., INC	STMD-ACO:600W Hall Thruster Qual Life Test 5K hrs & 10K hrs	11/9/2017	11/9/2019	Non-Reimbursable	\$612,700	HQ-STMD	STMD-ACO SAA-27051
358	27050	BLUE ORIGIN, LLC	STMD- ACO: LOX/CH4 Lander Propulsion Collaboration	11/9/2017	11/9/2019	Non-Reimbursable	\$748,074	HQ-STMD	STMD-ACO SAA-27050
359	27045	ASTROBOTIC TECHNOLOGY, INC	STMD- ACO: Software Defined Reliability for Mission Critical Operations	11/9/2017	11/9/2020	Non-Reimbursable	\$322,017	HQ-STMD	STMD-ACO SAA-27045

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360	27044	SPACE SYSTEMS LORAL, LLC	STMD- ACO: Evaluation Of InP Integrated Photonics Technology (Pic) For Rf Photonics In Communication Satellites	11/9/2017	11/9/2019	Non-Reimbursable	\$335,200	HQ-STMD	STMD-ACO SAA-27044
361	27042	RELATIVITY SPACE, INC	STMD -ACO Propulsion System and Second Stage Structural Loads Interaction Test Platform at SSC E3-C2	11/9/2017	11/9/2019	Non-Reimbursable	\$1,464,560	HQ-STMD	STMD-ACO SAA-27042
362	27040	UP AEROSPACE, INC	STMD- ACO SPYDER Technology GNC AVA Development	1/9/2017	11/9/2019	Non-Reimbursable	\$1,028,000	HQ-STMD	STMD-ACO SAA-27040
363	26879	FIRST MAN PRODUCTIONS LLC	NASA Participation in the film "First Man"	10/5/2017	10/5/2019	Reimbursable	-----	HQ-OC	26879
364	26840	Google Inc	Annex 2 - Google Virtual Reality for Public Engagement	10/16/2017	10/16/2022	Non-Reimbursable	\$35,470	HQ-OC	23261
365	26617	Breakthrough Starshot Foundation, LLC	Enceladus Flyby Mission Concept Study	9/13/2018	9/12/2020	Non-Reimbursable	\$72,834	HQ-SMD	

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366	26616	Breakthrough Starshot Foundation, LLC	Collaboration on Breakthrough Search for Life	9/13/2018	9/12/2023	Non-Reimbursable	\$0	HQ-SMD	
367	25771	Museum of Science Fiction	COLLABORATIVE SCIENCE ACTIVITIES	7/27/2017	7/27/2019	Non-Reimbursable	\$1,000	HQ-STMD	
368	24471	BoldlyGo Institute	Non-Reimbursable SAA for the SCIM Mission	2/3/2016	2/2/2021	Non-Reimbursable	\$19,848,195	HQ-SMD	24471
369	24182	American Girl Brands, LLC	American Girl Project Collaboration	10/7/2016	10/7/2021	Non-Reimbursable	\$16,095	HQ-OC	
370	24181	American Girl Brands, LLC	American Girl Collaboration	10/7/2016	10/7/2021	Non-Reimbursable	\$0	HQ-OC	24181
371	23264	Google Inc	Google Expeditions Annex	9/15/2016	9/14/2021	Non-Reimbursable	\$102,801	HQ-OC	23261-1

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372	23261	Google Inc	Google Education and Public Engagement Umbrella	9/15/2016	9/14/2021	Non-Reimbursable	\$0	HQ-OC	23261
373	22690	Walt Disney Parks and Resorts, U.S., Inc. d/b/a Walt Disney Imagineering	Collaboration on Space-themed Update to Epcot Theme Park	7/31/2017	7/31/2022	Non-Reimbursable	\$13,200	HQ-OC	22689
374	22689	Walt Disney Parks and Resorts U.S., Inc d/b/a Walt Disney Imagineering	Collaboration on Public Outreach Projects	7/31/2017	7/31/2022	Non-Reimbursable	\$0	HQ-OC	22689
375	21797	Eureka Exhibits, LLC	Be The Astronaut Traveling Exhibit	4/13/2016	4/13/2021	Non-Reimbursable	\$20,560	HQ-OC	MOB-1
376	21188	Fusion Media Network, LLC	NASA Collaboration with Fusion Media Network to Develop Virtual Reality Experiences and Related Content	10/29/2015	10/29/2020	Non-Reimbursable	\$50,000	HQ-HEO	
377	20048	World Book, Inc.	NIAC - World Book, Inc. Agreement	8/13/2015	8/13/2020	Non-Reimbursable	\$15,000	HQ-STMD	

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378	19148	Challenger Center for Space Science Education	FOR COLLABORATIVE ACTIVITIES WITH THE CHALLENGER CENTER	12/11/2014	12/11/2019	Non-Reimbursable	\$262,513	HQ-HEO	
379	18251	Moon Express, Inc.	Lunar CATALYST Partnership with Moon Express	9/30/2014	9/30/2019	Non-Reimbursable	\$10,000,000	HQ-HEO	18251
380	18250	Masten Space Systems, Inc.	Lunar CATALYST Partnership with Masten	9/30/2014	9/30/2019	Non-Reimbursable	\$10,000,000	HQ-HEO	18250
381	18242	Astrobotic Technology, Inc	Lunar CATALYST Partnership with Astrobotic	9/30/2014	9/30/2019	Non-Reimbursable	\$10,000,000	HQ-HEO	18242
382	18209	ASME Foundation	ASME Foundation Future Engineers Education and Research for Advancing Mission Capabilities	9/18/2014	9/18/2019	Non-Reimbursable	\$88,278	HQ-HEO	18208
383	18208	ASME Foundation, Inc.	ASME Foundation Future Engineers Education and Research for Advancing Mission Capabilities	9/18/2014	9/18/2019	Non-Reimbursable	\$0	HQ-HEO	



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384	18129	U.S. Satellite Laboratory, Inc.	COLLABORATION ON THE ENDEAVOR SCIENCE TEACHING CERTIFICATE PROJECT	9/23/2014	9/23/2019	Non-Reimbursable	\$116,263	HQ-Education	
385	14267	The Conrad Foundation	Conrad Foundation Umbrella	12/13/2013	12/13/2021	Non-Reimbursable	-----	HQ-Education	SAA-AD-13-14267
386	9411	Evergreen Exhibitions	Future of Flight Touring Exhibit	8/17/2011	8/22/2019	Non-Reimbursable	-----	HQ-ARMD	SAAM-9411
387	29920	Photon Spot, Inc.	NEW	3/27/2019	4/27/2022	Reimbursable	-----	JPL	
388	29389	SIERRA NEVADA CORP	JPL DARTS/Dshell Flight Dynamics Simulation Support to Sierra Nevada ISS Commercial Resupply Services 2 (CRS2) Program	3/18/2019	9/18/2022	Reimbursable	-----	JPL	
389	28871	Chevron Energy Technology Company	Annex to JPL Coordination Support and Project Development	6/21/2011	4/30/2019	Reimbursable	-----	JPL	82-15924 TIA4

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390	28868	Chevron Energy Technology Company	Annex to JPL Coordination Support and Project Development	12/4/2013	6/24/2021	Reimbursable	-----	JPL	82-15924 TIA6
391	28824	Chevron Energy Technology Company	Annex to JPL Coordination Support and Project Development	11/18/2015	12/31/2019	Reimbursable	-----	JPL	82-15924 TIA9
392	28577	Chevron Energy Technology Company	Chevron Task Identification Agreement No. 11 Magneto-electric Anechoic Position Sensing (MAPS)	10/18/2018	6/26/2021	Reimbursable	-----	JPL	
393	28185	Space Exploration Technologies Corp.	Low Earth Orbit Constellation Determination and Time Synchronization Support	8/17/2018	8/17/2019	Reimbursable	-----	JPL	
394	27788	The George Washington University	Data Science Biomarker Technologies for the Information Technology for Cancer Research Program	11/14/2018	11/14/2021	Reimbursable	-----	JPL	
395	27784	Chevron Energy Technology Company	Application of JPL Machine Learning Techniques to Chevron Problems in Alarm, Event and Process Management	10/18/2018	6/18/2021	Reimbursable	-----	JPL	27784

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396	27510	CHEVRON ENERGY TECHNOLOGY COMPANY	Annex to JPL Coordination Support and Project Development	6/24/2011	6/26/2021	Reimbursable	-----	JPL	82-15924 TIA2
397	27446	Environment for the Americas	Assessment, Prioritization, and Planning for Restoration and Conservation Activities on the Angeles National Forest	4/18/2018	4/18/2020	Reimbursable	-----	JPL	
398	27031	CHEVRON ENERGY TECHNOLOGY COMPANY	Chevron Drilling Operations – Power, Sensing and Actuation for Deep Oil and Gas Wells	6/24/2011	6/26/2021	Reimbursable	-----	JPL	82-15924 TIA 1
399	26807	WorldVu Development Limited	RTGx Navigation Software License and Technical Support for the The OneWeb Satellite Constellation	3/19/2018	3/19/2020	Reimbursable	-----	JPL	
400	26700	Liedos, Inc.	Maritime Autonomy Enhancements for Sea Hunter II	3/20/2018	3/20/2020	Reimbursable	-----	JPL	
401	26641	PaR Systems, Inc.	Produce a Piezoelectric Percussive Augmenter of Rotary Drill (PARoD) for Sampling Cores from Fuel Debris	12/7/2017	8/7/2019	Reimbursable	-----	JPL	

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402	26635	Beckman Research Institute of the City of Hope	Develop Generalized Newton-Euler Inverse Mass Operator (GNEIMO) Algorithms, Methodology, and Software for Internal Coordinate Molecular Dynamics of Bio-Molecular Systems	11/29/2017	11/29/2021	Reimbursable	-----	JPL	
403	26523	Northrop Grumman Systems Corporation	Support the Development of Advanced Ground Antennas for the US Government	3/19/2018	3/19/2020	Reimbursable	-----	JPL	
404	25631	Atmospheric and Environmental Research	Analysis of Microwave Water Vapor Absorption Using Ground-Based Atmospheric Measurements for Climate, Remote Sensing, and Numerical Weather Prediction	1/23/2018	1/23/2020	Reimbursable	-----	JPL	
405	25621	GeoOptics, Inc.	JPL Support for GeoOptics for Advanced Gravity Mapping and Crosslink Occultation	7/26/2017	4/30/2020	Reimbursable	-----	JPL	
406	25431	INTELLIEPI INC	Short wavelength infrared (SWIR) Epi Materials Development for Hyperspectral focal plane array (FPA) Application	1/25/2017	1/25/2022	Reimbursable	-----	JPL	
407	25115	Fermi Research Alliance LLC	Science Infrastructure for the Dark Energy Survey to Identify the Physical Mechanism Causing the Accelerated Expansion of the Universe	5/2/2018	11/2/2019	Reimbursable	-----	JPL	

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408	24884	Spire Global, Inc.	Radio Occultation Instrument Support	12/14/2016	12/14/2021	Reimbursable	-----	JPL	
409	24877	BAE Systems	New Vital Infrared Sensor Technology Acceleration (VISTA) Industry Consortium, with multiple Industry Partners (FLIR, L-3 Communications Cincinnati Electronics, Lockheed Martin Corporation, Northrop Grumman Corporation, and Raytheon), to conduct research on infrared (IR) detectors.	7/12/2017	7/12/2022	Reimbursable	-----	JPL	
410	24825	General Dynamics Robotic Systems	Robotics Collaborative Technology Alliance with General Dynamics is to conduct fundamental research, both basic and applied, on ground robotics for defense applications.	9/21/2010	9/21/2020	Reimbursable	-----	JPL	
411	24751	GMTO Corporation	JPL Engineering Support for the Giant Magellan Telescope Organization (GMTO)	5/2/2017	5/16/2019	Reimbursable	-----	JPL	
412	24666	Northrop Grumman Corporation	Microwave Temperature and Humidity Profiler (MTHP) Modification for Northrop Grumman Space Corporation (NGSC) Upper Tropospheric Measurements and assess how well water vapor measurements can be performed	6/6/2017	4/6/2020	Reimbursable	-----	JPL	
413	24568	UNIVERSITY OF CALIFORNIA, DAVIS	Earth Abundant High Temperature Materials for Radioisotope Power Conversion System	5/22/2017	9/30/2019	Reimbursable	-----	JPL	

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414	24553	Gas Technology Institute	Support in Developing a Methane Mitigation Thermoelectric Generator	5/4/2017	7/31/2019	Reimbursable	-----	JPL	
415	24401	CHEVRON ENERGY TECHNOLOGY COMPANY	Robotic Inspection of Tanks	11/22/2017	8/22/2021	Reimbursable	-----	JPL	
416	23388	Placidus LLC	Production of Smart-Wire Driven by a Vibratory Piezoelectric Actuator and a Rotary Motor for Penetrating Occlusions	12/6/2016	1/31/2020	Reimbursable	-----	JPL	
417	22772	Opto-Knowledge Systems, Inc.	National Oceanographic and Atmospheric Administration (NOAA) Small Business Innovation Research (SBIR) Subcontract – Opto-Knowledge Systems, Inc (OKSI) – Capillary Absorption Spectrometer for In-Situ, Underwater Gas Analysis	8/24/2016	8/31/2021	Reimbursable	-----	JPL	
418	22021	Duke University	Support in Testing and Analysis of Radiation Survivability of Materials and Semiconductor Devices	6/27/2016	8/31/2019	Reimbursable	-----	JPL	
419	22012	RKI Instruments	Methane Sniffer Commercialization	3/29/2016	2/28/2020	Reimbursable	-----	JPL	

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420	21375	SAF	Design, Develop, and Support Flight Integration of a Ultra Compact Imaging Spectrometer	7/15/2015	7/15/2019	Reimbursable	-----	JPL	NNM15601144
421	21318	Carnegie Mellon University	Robots Making Autonomous Exploration Decisions Using Science Hypothesis Maps	5/18/2016	8/31/2019	Reimbursable	-----	JPL	
422	21240	California Science Center Foundation	Annex 2 to NASA Visitor Center Partnership and Education Initiatives	1/4/2016	1/4/2021	Non-Reimbursable	\$0	JPL	
423	20611	Direct Electron LP	BSI Development for Scientific CMOS Image Sensors	6/21/2016	1/31/2020	Reimbursable	-----	JPL	
424	20421	California Department of Water Resources	Subseasonal Prediction of Atmospheric Rivers and the Madden-Julian Oscillation for Water Management in California	6/14/2016	9/30/2020	Reimbursable	-----	JPL	
425	19471	Skull Base Institute	Development of 3D-Multi-Angle Rear-Viewing Endoscopic Tool (3D-MARVEL) - Phase 3, Clinical-Trial-Ready Prototype	1/26/2016	1/26/2020	Reimbursable	-----	JPL	

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426	19233	State of Colorado	Airborne Snow Observatory Rio Grande Flight Campaigns	3/18/2015	3/18/2020	Reimbursable	-----	JPL	
427	19180	Northrop Grumman Electronic Systems	New Reciprocal Quantum Logic Devices for Cold Logic Program	11/30/2015	6/30/2019	Reimbursable	-----	JPL	
428	19011	Photon Systems, Inc.	Real-time Label-Free Detection of Suspicious Powders Using Non-contact Optical Methods	11/7/2014	11/30/2019	Reimbursable	-----	JPL	
429	18592	Exelis Inc.	Prototype Focal Plane Module (FPM) for Radiation Budget Instrument (RBI) will be integrated and tested in Exelis' Radiometric Test Module (RTM) which is a complete end-to-end representation of the individual spectral channels of the RBI.	9/4/2014	5/26/2019	Reimbursable	-----	JPL	
430	18442	Positioneering LLC	Global Differential GPS (GDGPS) System Positioning Services for Marine and Off Shore Oil Exploration Industries	2/11/2015	2/11/2020	Reimbursable	-----	JPL	
431	18088	University Corporation for Atmospheric Research	Support Agreement for the Constellation Observing System for Meteorology, Ionosphere and Climate (COSMIC-2) Mission	7/16/2014	7/31/2019	Reimbursable	-----	JPL	



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432	17868	Consolidated Edison Company of New York, Inc.	Advanced Health Monitoring of Steam Pipe Systems – Phase IIIA	7/22/2015	7/22/2020	Reimbursable	-----	JPL	
433	17784	State of California	Support in Applying Interferometric Synthetic Aperture Radar Techniques to Map Ground Deformation	6/24/2014	12/31/2019	Reimbursable	-----	JPL	
434	17695	D. H. Wagner Associates, Inc.	Detailed Autonomous Surface Vehicle and Unmanned Surface Vehicle Modeling and Simulation System	12/15/2015	9/18/2019	Reimbursable	-----	JPL	
435	17413	Alacron, Inc.	Superlattice Doped Imaging Detectors addresses advanced development and technology transfer of back-illuminated complementary metal-oxide semiconductor (CMOS) imaging detectors using multilayer doping and antireflection (AR) coating technologies for Alacron, Inc..	8/28/2014	12/27/2020	Reimbursable	-----	JPL	
436	16975	Pipeline Research Council International (PRCI)	Miniature Methane Sensor Applications for Leak Detection in Handheld and Aerial Configurations	3/27/2014	4/30/2019	Reimbursable	-----	JPL	
437	16906	AlloSource	Rapid Microbial Detection of Donor Tissues and Associated Facilities Using Propidium Monoazide (PMA) – PhyloChip Technology	3/27/2014	4/30/2019	Reimbursable	-----	JPL	

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438	14723	Google, Inc.	Trailmix - Visual Simultaneous Localization and Mapping (SLAM) Development	7/18/2013	3/31/2019	Reimbursable	-----	JPL	
439	14633	STATOIL GULF SERVICES, LLC.	NEW RESEARCH ON TECHNOLOGIES FOR OIL AND GAS INDUSTRY APPLICATIONS, INCLUDING RENEWABLES	5/29/2013	5/31/2023	Reimbursable	-----	JPL	
440	13846	State of California	Airborne Snow Observatory California Snow Surveys	3/20/2013	12/31/2019	Reimbursable	-----	JPL	
441	13464	Space Exploration Technologies	SURFACE CHEMICAL AND MATERIALS ANALYSIS OF SPACECRAFT HARDWARE	10/1/2012	12/31/2020	Reimbursable	-----	JPL	
442	11998	The Boeing Company	Ionizing Radiation Evaluation of Materials and Semiconductor Devices for The Boeing Company	5/16/2012	4/1/2021	Reimbursable	-----	JPL	
443	10469	National Ecological Observatory Network (NEON)	Development of Imaging Spectrometer Instruments for the National Ecological Observatory Network (NEON)	10/25/2011	9/27/2019	Reimbursable	-----	JPL	

List of Active Space Act Agreements (as of March 31, 2019) with Domestic Commercial, State Local Government, and Non-profit Partners

444	9990	Chevron Energy Technology Company	Umbrella Agreement for Technology Road Mapping and Project Exploration	6/24/2011	6/26/2021	Reimbursable	-----	JPL	
445	8594	Rockwell Collins	Global Positioning System Differential Corrections for Rockwell Collins	12/17/2010	8/16/2019	Reimbursable	-----	JPL	
446	8527	Pace Government Services	Provide Real-Time Global Positioning Systems (GPS) Satellite Orbit and Clock States to Pace Government Services	3/8/2011	3/31/2020	Reimbursable	-----	JPL	
447	8180	Space Exploration Technologies Corporation	Dragon Single Event Effects (SEE) Analysis Assessment	12/1/2010	9/30/2019	Reimbursable	-----	JPL	
448	7887	TeleCommunication Systems, Inc.	Assisted Global Positioning Systems (GPS) Data to TeleCommunication Systems, Inc.	8/30/2010	8/30/2020	Reimbursable	-----	JPL	
449	7418	ITT Industries Space Systems, LLC.	Advanced Concepts, Demonstrations, and Implementation of Global Positioning Systems (GPS) Ground Operations	5/19/2010	6/30/2019	Reimbursable	-----	JPL	

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450	5728	DigitalGlobe, Inc	Orbit Determination Operations by DigitalGlobe for Earth Imaging Missions	3/27/2009	5/31/2019	Reimbursable	-----	JPL	82-13507
451	3589	Fugro Chance, Inc	Differential Global Positioning System Data Transfer and Support	9/28/2006	11/30/2019	Reimbursable	-----	JPL	82-11437
452	3344	Subsea 7 (US) LLC	Global Positioning System (GPS) Corrections Data to Subsea 7	12/21/2007	3/30/2021	Reimbursable	-----	JPL	82-12552
453	29453	Collaborative Composites Solutions Corporation	Collaboration for Advanced Manufacturing Techniques	3/15/2019	3/15/2020	Non-Reimbursable	\$180,284	JSC	SAA-19-29453
454	29452	Collaborative Composites Solutions Corporation	Collaboration for Advanced Manufacturing Techniques	3/15/2019	3/15/2024	Non-Reimbursable	\$0	JSC	
455	29027	University of Texas, Tyler	annex to SAA with UT Tyler for Collaborative Research, Technology Transfer, Education and Outreach Activities	10/12/2018	10/12/2019	Non-Reimbursable	\$2,000	JSC	SAA-AD-15-29027-06

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456	28813	UNIVERSITY OF HOUSTON	University of Houston Prototype Translation Hand Controller	10/18/2018	10/18/2020	Non-Reimbursable	\$2,106	JSC	SAA-CA-19-28813
457	28812	UNIVERSITY OF HOUSTON	SAA with University of Houston for Collaborative Research, Technology Transfer, Education and Outreach Activities	10/18/2018	10/18/2023	Non-Reimbursable	\$0	JSC	SAA-CA-19-28812
458	28672	LOCKHEED MARTIN	INTEGRATION AND OPERATIONS SUPPORT RELATED TO THE EM-1 CREW INTERFACE TECHNOLOGY PAYLOAD	12/17/2018	12/17/2023	Reimbursable	-----	JSC	SAA-GA-18-28672
459	28383	Ross Aviation Operations LLC	A/M32A-60 "Dash 60" Jet Starter Loan to Ross Aviation	10/3/2018	10/2/2023	Non-Reimbursable	\$5,950	JSC	SAA-CA-18 28383
460	28359	New York Space Alliance	Creating Startups	10/15/2018	10/15/2019	Non-Reimbursable	\$6,494	JSC	SAA-XB-18-28359-01
461	28358	New York Space Alliance	The Fostering of Space Entrepreneurship	10/5/2018	10/5/2023	Non-Reimbursable	\$0	JSC	SAA-XB-18-28358

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462	28307	DreamUp	Collaboration in Support of Educational Outreach	8/1/2018	7/31/2023	Non-Reimbursable	\$34,139	JSC	SAA-OZ-18-28307
463	28268	Anadarko Petroleum Corporation	Annex 5 for Human Reliability Analysis	10/18/2018	10/18/2019	Reimbursable	-----	JSC	SAA-NA-14-18968-05
464	28254	WILLIAM MARSH RICE UNIVERSITY	Annex 8 to Collaborative Research, Education and Outreach Activities	8/2/2018	8/2/2019	Non-Reimbursable	\$15,699	JSC	SAA-EA-18-28254
465	28182	SOUTHWEST RESEARCH INSTITUTE	Commercialization of NASA's NASGRO software	11/21/2018	11/21/2023	Non-Reimbursable	\$196,653	JSC	EA-SAA-18-28182
466	28107	Microsoft Corporation	Annex 5 to Non-Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Microsoft Corporation for Strategic Alliance for STEM Education Activities	2/6/2018	2/5/2023	Non-Reimbursable	\$14,640	JSC	SAA-AD-18-26048
467	28036	Microsoft Corporation	Annex 4 to Non-Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Microsoft Corporation for Strategic Alliance for STEM Education Activities	2/6/2019	2/5/2023	Non-Reimbursable	\$193,256	JSC	SAA-AD-18-28036-04

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468	28012	Praire View A&M University	NASA JSC 's Continued Support of the Joint Development of the Charged Particle Detector with PVAMU	5/1/2018	5/1/2022	Non-Reimbursable	\$25,447	JSC	SAA-EA-18-28012
469	27860	TEXAS A&M UNIVERSITY	NASA JSC ENGINEERING/TEES FOR COLLABORATIVE RESEARCH, TECHNOLOGY TRANSFER, EDUCATION, AND OUTREACH ACTIVITIES	7/9/2018	7/9/2020	Non-Reimbursable	\$36,891	JSC	SAA-EA-18-27860
470	27827	WILLIAM MARSH RICE UNIVERSITY	Rice University Annex 6 JSC Partnership in Water Reuse Development for Human Exploration Missions	6/25/2018	6/25/2022	Non-Reimbursable	\$112,175	JSC	SAA-EA-18-27827
471	27800	FAIRCOUNT MEDIA GROUP	International Space Station 20 Year Ops Magazine	5/30/2018	5/30/2019	Non-Reimbursable	\$4,332	JSC	SAA-OA-18-27800
472	27657	HOUSTON LIVESTOCK SHOW AND RODEO, INC.	REIMBURSABLE SPACE ACT AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND HOUSTON LIVESTOCK SHOW AND RODEO, INC. FOR TEXAS HIGH SCHOOL AEROSPACE SCHOLARS	4/5/2018	4/5/2019	Reimbursable	-----	JSC	SAA-AD-18-27657
473	27608	HOUSTON INDEPENDENT SCHOOL DISTRICT	Collaboration for Aerospace Magnet Schools	8/28/2018	8/27/2019	Reimbursable	-----	JSC	SAA-AD-18-27608

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474	27594	HOUSTON INDEPENDENT SCHOOL DISTRICT	Collaboration for STEM Engagement, Education, and Community Outreach Activities	8/28/2018	8/27/2023	Reimbursable	-----	JSC	SAA-AD-18-27594
475	27519	University of Texas	Annex 2 to Collaborative Research, Technology Transfer, Education and Outreach Activities	3/12/2018	3/12/2020	Non-Reimbursable	\$47,572	JSC	SAA-EA-18-27519
476	27517	Rocklin Unified School	HIGH SCHOOL STUDENTS COLLABORATING WITH NASA TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH PROGRAM	5/8/2018	5/7/2023	Non-Reimbursable	\$12,603	JSC	SAA-OZ-18-27517
477	27489	BAY AREA EMERGENCY RESPONDERS	RECIPROCAL USE OF EMERGENCY OPERATIONS CENTERS	6/12/2018	6/12/2021	Non-Reimbursable	\$18,333	JSC	SAA-JA-18-27489
478	27426	Peanuts Worldwide, LLC	Content Development and Material Review	6/20/2018	6/20/2023	Non-Reimbursable	\$75,067	JSC	SAA-GA-18-27246-01
479	27425	Peanuts Worldwide, LLC	PUBLIC AND EDUCATION OUTREACH AND STEM PROJECTS	6/20/2018	6/20/2023	Non-Reimbursable	\$0	JSC	SAA-GA-18-27245



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480	27253	BIGELOW AEROSPACE	NON-REIMBURSABLE TO LOW-EARTH ORBIT COMMERCIAL DEVELOPMENT	3/30/2018	3/29/2023	Non-Reimbursable	\$98,558	JSC	OZ-18-27253
481	27182	Samsung Electronics USA	Virtual Reality Systems	10/23/2018	10/23/2021	Reimbursable	-----	JSC	SA-XB-18-27182
482	27081	UNITED LAUNCH ALLIANCE, LLC	Commercial Space Launch Vehicle Mission Insight Imagery Aircraft Mission	5/8/2018	5/8/2020	Reimbursable	-----	JSC	SAA-UA-18-27081-02
483	27056	Texas A&M University	annex to TAMU SAA for Collaborative Research, Technology Transfer, and Education Activities	5/10/2018	7/30/2019	Non-Reimbursable	\$4,198	JSC	SAA-JA-18-27056-10
484	26943	Wheeling High School	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the High School Students United with NASA to Create Hardware (HUNCH) Program	3/21/2018	3/20/2023	Non-Reimbursable	\$12,835	JSC	SAA-OZ-18-26943
485	26934	Hawthorne High School	Students Collaborating with NASA to Produce Haardware or Other Useful Products Under the High School Students United with NASA to Create Hardware (HUNCH) Program	3/23/2018	3/22/2023	Non-Reimbursable	\$33,644	JSC	SAA-OZ-18-26934

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486	26933	Alief Independent School District	Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the High School Students United with NASA to Create Hardware (HUNCH) Program	1/18/2018	1/17/2022	Non-Reimbursable	\$112,831	JSC	SAA-OZ-17-26933
487	26827	THE BOEING COMPANY	Technology Demonstrator Phase I	2/14/2018	2/13/2020	Reimbursable	-----	JSC	
488	26826	THE BOEING COMPANY	WB-57 Technology Demonstrator Platform	2/14/2018	2/13/2022	Reimbursable	-----	JSC	
489	26763	UNITED LAUNCH ALLIANCE, LLC	Commercial Space Launch Vehicle Mission Insight	2/16/2018	12/20/2019	Reimbursable	-----	JSC	SAA-UA3-17-26763
490	26762	UNITED LAUNCH ALLIANCE, LLC	Commercial Space Launch Vehicle Developments	2/5/2018	2/5/2023	Reimbursable	-----	JSC	SAA-UA3-17-26762
491	26737	UNIVERSITY OF HOUSTON	The National Aeronautics and Space Administration Lyndon B. Johnson Space Center and University of Houston System for Texas Aerospace Scholars	3/23/2018	3/23/2020	Reimbursable	-----	JSC	SA-AD-18-26737

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492	26460	UNIVERSITY OF TEXAS MEDICAL BRANCH	UTMB DIETETIC STUDENT EXPERIENCE AT NASA	11/9/2017	11/9/2020	Non-Reimbursable	\$18,123	JSC	
493	26443	REPURPOSED THERAPEUTICS, INC d/b/a Defender Pharmaceuticals Inc.	Further Development Of Scopolamine Hydrobromide	10/13/2017	10/13/2022	Reimbursable	-----	JSC	
494	26418	BAY AREA HOUSTON ECONOMIC PARTNERSHIP	COOPERATIVE AND COMMUNITY OUTREACH ACTIVITIES	10/17/2017	10/16/2022	Non-Reimbursable	\$145,128	JSC	SAA-AD-18-26418
495	26340	Bay Area Houston Advanced Technology Consortium	Annex 6 Between the National Aeronautics and Space Administration, NASA Lyndon B. Johnson Space Center and Bay Area Houston Advanced Technology Consortium under Space Act Umbrella Agreement No. SAA-AD-12-13613 for a Model Display Case	4/9/2018	4/9/2019	Reimbursable	-----	JSC	SAA-AD-18-26340-06
496	26277	NORTH CAROLINA STATE UNIVERSITY	Annex 2 to Collaborative Aerospace Research, Development, and Testing Opportunities	10/13/2017	10/13/2020	Non-Reimbursable	\$17,165	JSC	SAA-EA-17-26277
497	26206	Industrial Fabrics Association International	Industrial Fabrics Association International (IFAI) 2018 Exposition	8/2/2018	8/2/2019	Non-Reimbursable	\$47,289	JSC	SAA-EA-17-26206

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498	26205	Industrial Fabrics Association International	Umbrella Space Act Agreement Industrial Fabrics Association International (IFAI) Exposition	8/2/2018	8/2/2023	Non-Reimbursable	\$0	JSC	SAA-EA-17-26205
499	26188	Fairport Central School District	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH Program	11/1/2017	10/31/2022	Non-Reimbursable	\$40,412	JSC	SAA-OZ-17-26188
500	26179	Council Rock School District	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products Under HUNCH	10/13/2017	10/12/2022	Non-Reimbursable	\$40,412	JSC	SAA-OZ-17-26179
501	26049	Microsoft Corporation for Strategic Alliance for STEM Education Activities	ANNEX BETWEE THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND MICROSOFT CORPORATION UNDER SPACE ACT UMBRELLA AGREEMENT NO. SAA-AD-18-26048, ANNEX NUMBER ONE	2/13/2018	2/12/2020	Non-Reimbursable	\$32,434	JSC	SAA-26049-18-01
502	26048	Microsoft Corporation	Non-Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and Microsoft Corporation for Strategic Alliance for STEM Education Activities	2/6/2018	2/5/2023	Non-Reimbursable	\$0	JSC	SAA-AD-18-26048
503	26023	Raytheon Intelligence, Information and Services	Annex 5 Authorizing Clean Room, Animation, Manufacturing, and Other General Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	10/18/2017	9/30/2019	Reimbursable	-----	JSC	SAA-CA-17-26023-5

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504	26021	Raytheon Intelligence, Information and Services	Annex 4 Authorizing Support for Department of Defense Diving and Other Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	9/27/2017	9/30/2019	Reimbursable	-----	JSC	SAA-CA-17-26021-04
505	26017	Raytheon Intelligence, Information and Services	Annex 3 Authorizing Remotely Operated Vehicles (ROV) and Autonomous Underwater Vehicles (AUV) Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	9/27/2017	9/30/2019	Reimbursable	-----	JSC	SAA-CA-26017-03
506	26016	Raytheon Intelligence, Information and Services	Annex 2 Authorizing Non-Destructive Testing Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	9/27/2017	9/30/2019	Reimbursable	-----	JSC	SAA-CA-17-26016-02
507	26007	Raytheon Intelligence, Information and Services	Annex 1 Authorizing Safety, Survival, Emergency Response, and Leadership Training as Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC)	9/27/2017	9/30/2019	Reimbursable	-----	JSC	SAA-CA-17-26007-01
508	26006	Raytheon Intelligence, Information and Services	Umbrella Agreement Authorizing Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC) Contract	9/27/2017	9/30/2019	Reimbursable	-----	JSC	SAA-CA-17-26006
509	26003	ULSTER COUNTY BOARD OF COOPERATIVE EDUCATIONAL SERVICES	ULSTER COUNTY BOARD OF COOPERATIVE EDUCATIONAL SERVICES FOR HIGH SCHOOL STUDENTS COLLABORATING WITH NASA TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH PROGRAM	10/13/2017	10/12/2022	Non-Reimbursable	\$50,182	JSC	SAA-OZ-17-26003

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510	25999	St. Mary's County Public Schools	St. Mary's County Public Schools for High School Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH Program	10/30/2017	10/29/2022	Non-Reimbursable	\$40,783	JSC	SAA-OZ-17-25999
511	25997	Saint John Valley Technology Center	Saint John Valley Technology Center for Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH Program	11/27/2017	11/26/2022	Non-Reimbursable	\$24,299	JSC	SAA-OZ-17-25997
512	25908	WILLIAM MARSH RICE UNIVERSITY	Annex 3 to Collaborative Research, Education and Outreach Activities	9/13/2017	9/13/2021	Non-Reimbursable	\$17,165	JSC	SAA-EA-17-25908
513	25842	Underwriters Laboratories Inc.	RSAA BETWEEN NASA JSC AND UNDERWRITERS LABS FOR SAFETY EVALUTION DURING OVERLOAD AND EXTERNAL SHORT BATTERY TESTING	8/17/2017	8/17/2020	Reimbursable	-----	JSC	SAA-EA-17-25842
514	25612	Anadarko Petroleum Corporation	Annex 4 for Enhancement to BOP PRA Model	6/14/2017	6/14/2019	Reimbursable	-----	JSC	SAA-NA-14-18968
515	25596	The City of Webster, Texas	RECIPROCAL USE OF EMERGENCY OPERATIONS CENTERS	6/13/2017	6/13/2020	Non-Reimbursable	\$70,572	JSC	SAA-JA-17-25596

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516	25570	WILLIAM MARSH RICE UNIVERSITY	Annex 2 to Collaborative Research, Education and Outreach Activities	6/21/2017	6/21/2020	Non-Reimbursable	\$68,263	JSC	SAA-EA-17-25570
517	25144	WILLIAM MARSH RICE UNIVERSITY	Rice Annex 1 - Collaborative Robotics Research	5/3/2017	5/3/2020	Non-Reimbursable	\$118,923	JSC	SAA-EA-17-25144-01
518	25143	WILLIAM MARSH RICE UNIVERSITY	Collaborative Research, Education and Outreach Activities	5/2/2017	5/2/2022	Non-Reimbursable	\$0	JSC	SAA-XA-17-25143
519	25127	Texas Instruments Incorporated	Annex No. 2 to Strategic Alliance for Education Activities	4/14/2017	4/13/2019	Non-Reimbursable	\$71,294	JSC	SAA-AD-17-25127-02
520	25102	Greater Houston Partnership	Cooperative Community Outreach Activities	8/9/2017	8/9/2022	Non-Reimbursable	\$589,059	JSC	SAA-XA-17-25102
521	25032	Kinetic Pressure Control	PRA Model of Kinetic Blow Out Stopper (K-BOS)	7/31/2017	7/31/2019	Reimbursable	-----	JSC	SAA-NA-17-25032

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522	25031	Kinetic Pressure Control	Safety, Reliability, and Engineering Analysis of Pyrotechnic Technologies for Use in the Oil and Gas Industry	7/31/2017	7/31/2020	Reimbursable	-----	JSC	SAA-NA-17-25031
523	25027	CarbTex Technology, Inc	Annex 2 to CarbTex NRSAA for Quantum Fiber Battery Testing	2/23/2017	8/31/2019	Non-Reimbursable	\$21,016	JSC	SAA-EA-14-18423
524	24920	The SME Education Foundation	SME Hunch A	3/1/2017	2/28/2022	Non-Reimbursable	\$150,502	JSC	SAA-OA-17-24920
525	24836	Bay Area Houston Advanced Technology Consortium	Leased Space Within the RITF	2/7/2017	2/7/2022	Reimbursable	-----	JSC	SAA-NA-17-24836-04
526	24789	Shell International Exploration & Production Company	Probabilistic Risk Assessment (PRA) Comparison of Topside vs Subsea Hydraulic Accumulator Tankage	5/16/2017	5/16/2019	Reimbursable	-----	JSC	SAA-NA-24789-01
527	24788	Shell International Exploration & Production Company	Safety, Reliability, and Engineering Analysis for Deep Water Drilling Projects	2/16/2017	5/16/2022	Reimbursable	-----	JSC	



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528	24777	Bay Area Houston Advanced Technology Consortium	Failure Analysis	2/7/2017	2/7/2022	Reimbursable	-----	JSC	
529	24763	Bay Area Houston Advanced Technology Consortium	NASA Safety Training Center Classes	2/7/2017	2/7/2022	Reimbursable	-----	JSC	
530	24615	Bay Area Houston Advanced Technology Consortium	RITF Workmanship Training	2/7/2017	2/7/2022	Reimbursable	-----	JSC	SAA-NA-17-24615-01
531	24614	Bay Area Houston Advanced Technology Consortium	Technology Partnerships	2/7/2017	2/7/2022	Reimbursable	-----	JSC	
532	24331	Houston Livestock Show & Rodeo	NONREIMBURSABLE SPACE ACT AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND HOUSTON LIVESTOCK SHOW & RODEO FOR COMMUNITY RELATIONS AND EDUCATION OUTREACH ACTIVITIES	3/17/2017	3/16/2022	Non-Reimbursable	\$90,898	JSC	SAA-AD-17-24331
533	24326	Conway School District	Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH (High School Students United with NASA to Create Hardware) Program	11/13/2017	11/12/2022	Non-Reimbursable	\$236,218	JSC	SAA-OZ-17-24326

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534	24275	Windsor Board of Education	Students Collaborating with NASA to Produce Hardware or Other Useful Products Under the HUNCH Program	11/28/2017	11/27/2022	Non-Reimbursable	\$231,674	JSC	SAA-OZ-17-24275
535	24255	Texas Space Technology Applications and Research LLC	Architecture Expertise for Modular Integrated Stackable Layer Applications	12/12/2016	12/12/2021	Reimbursable	-----	JSC	SAA-EA-17-24255
536	23749	Space Tango Inc	New Operation of the TangoLab-1 and Future Platforms Aboard the International Space Station National Laboratory	6/1/2017	5/31/2022	Non-Reimbursable	\$83,852	JSC	SAA-OZ-17-23749
537	23506	University of Houston, Clear Lake	Handling of Historic Spaceflight Documents	1/23/2017	1/23/2022	Non-Reimbursable	\$13,413	JSC	SAA-IA-16-23506
538	23464	Square Roots, LLC	NASA/Square Roots Space Flight Metabolomics Research Project	4/28/2017	4/28/2020	Reimbursable	-----	JSC	
539	23270	Axiom Space, LLC	LOW-EARTH ORBIT COMMERCIAL DEVELOPMENT	8/24/2016	8/24/2021	Non-Reimbursable	\$270,725	JSC	

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540	23242	University of Texas MD Anderson Cancer Center	Childrens Space Suit Art Project	9/12/2016	9/12/2021	Non-Reimbursable	\$0	JSC	SAA-XA-16-23242
541	23114	Orbital Sciences Corporation	Space Vehicle Mockup Facility (SVMF) Floor Space for the Orbital ATK Cygnus Mockup	1/19/2017	1/19/2022	Non-Reimbursable	\$173,543	JSC	SAA-CA-16-23114
542	23080	TEXAS A&M ENGINEERING EXPERIMENT STATION	Virtual Reality Enhanced Robotics Operations	1/25/2018	1/25/2020	Reimbursable	-----	JSC	SAA-EA-18-23080
543	23020	BAYLOR COLLOGE OF MEDICINE	Collaborative Research on Health Care Infrastructure in Remote Settings	7/6/2017	7/6/2022	Non-Reimbursable	\$0	JSC	SAA-SA-16-23020
544	22998	The Longhorn Project	The Center For Agriculture Science and Engineering Laboratory	10/1/2016	10/1/2021	Non-Reimbursable	\$44,657	JSC	SAA-JA-16-22998
545	22897	United Airlines	Annex I of Non-Reimbursable SAA Between United Airlines and NASA JSC	8/10/2016	8/10/2019	Non-Reimbursable	\$39,807	JSC	SAA-NA-16-22897

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546	22896	United Airlines	Non-Reimbursable SAA Between United Airlines and NASA JSC for Benchmarking	8/10/2016	8/10/2019	Non-Reimbursable	\$0	JSC	SAA-NA-16-22896
547	22865	Meridian Health Systems	Annex 03 to MERIDIAN HEALTH SYSTEMS FOR MICROWAVE TISSUE SOLDERING FOR WOUND CLOSURE	7/18/2016	3/26/2020	Reimbursable	-----	JSC	SAA-EA-16-22865
548	22798	City of League City	Memorandum of Agreement Between City of League City, Texas Office of Emergency Management	9/19/2016	9/19/2021	Non-Reimbursable	\$99,952	JSC	SAA-JA-16-22798
549	22774	Texas A&M Engineering Experiment Station	Collaboration on Beyond Low Earth Orbit Guidance and Pose Estimation	4/13/2017	4/13/2019	Reimbursable	-----	JSC	SAA-EA-17-22774
550	22761	City of Seabrook	RECIPROCAL USE OF EMERGENCY OPERATIONS CENTERS	6/1/2016	6/1/2021	Non-Reimbursable	\$102,135	JSC	SAA-JA-16-22761
551	22389	Bechtel Marine Propulsion Corporation	Reimbursable SAA for NSTC Training for the Navy	7/5/2016	7/5/2019	Reimbursable	-----	JSC	SAA-NA-16-22147

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552	22225	ISS-ABOVE	Connecting Homes, Schools and Offices to the International Space Station	5/5/2016	5/4/2021	Non-Reimbursable	\$13,652	JSC	SAA-OX-16-22225
553	22222	Space Technology and Advanced Research Systems, Inc.	Low-Earth Orbit Commercial Services Development	5/7/2016	5/7/2021	Non-Reimbursable	\$5,652	JSC	SAA-OZ-16-22222
554	22219	Texas A&M Engineering Experiment Station	NASA JSC ENGINEERING/TEES UMBRELLA FOR COLLABORATIVE RESEARCH, TECHNOLOGY TRANSFER, EDUCATION, AND OUTREACH ACTIVITIES	6/23/2016	6/23/2021	Reimbursable	-----	JSC	SAA-EA-16-22219
555	22153	Lockheed Martin Corporation - Space Systems Company	NASA Rapid Prototyping Lab Cockpit Prototyping of LM Civil Space Advanced Technologies Crew Station Concepts	4/29/2016	4/29/2019	Reimbursable	-----	JSC	
556	22147	Bechtel Marine Propulsion Corporation	Reimbursable SAA for NASA Safety Training Center Training for the Navy	7/6/2016	7/6/2019	Reimbursable	-----	JSC	SAA-NA-16-22147
557	22103	WYLE LABORATORIES, INC.	NASA NEUTRAL BUOYANCY LABORATORY FACILITY USAGE AGREEMENT	4/10/2017	5/31/2021	Reimbursable	-----	JSC	SAA-SA-16-22103-02

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558	21933	WYLE LABORATORIES, INC.	NASA MICRO/TOXICOLOGY AND ENVIRONMENTAL CHEMISTRY (MTEC) LABORATORIES FACILITY USAGE AGREEMENT	5/31/2016	5/31/2021	Reimbursable	-----	JSC	SAA-SA-16-21933-01
559	21932	WYLE LABORATORIES, INC.	HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	5/31/2016	5/31/2021	Reimbursable	-----	JSC	SAA-SA-16-21932
560	21440	Passaic County Technical Institute	Passaic County Technical Institute Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	3/17/2016	3/16/2021	Non-Reimbursable	\$140,684	JSC	SAA-OA-16-21440
561	21390	Howard County Public School System	Howard County Public School System Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	3/17/2016	3/16/2021	Non-Reimbursable	\$37,419	JSC	SAA-OA-15-21390
562	21367	NanoRacks, LLC	Low-Earth Orbit Commercial Services Development	5/16/2016	5/16/2021	Non-Reimbursable	\$19,698	JSC	SAA-OA-16-21367
563	21267	Toledo Public School District	Toledo Public School District Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	7/9/2016	7/9/2021	Non-Reimbursable	\$40,980	JSC	SAA-OA-15-21267

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564	21130	Connecticut State Board of Education	Connecticut Technical High School System Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	2/24/2016	2/23/2021	Non-Reimbursable	\$140,684	JSC	SAA -OA-15-21130
565	21104	Aviation Institute of Maintenance- Houston	Aviation Institute of Maintenance - Houston Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	2/29/2016	2/28/2021	Non-Reimbursable	\$276,036	JSC	SAA-OA-15-21104
566	21028	Texas Instruments Incorporated	Strategic Alliance for Education Activities	10/30/2015	10/30/2019	Non-Reimbursable	\$0	JSC	SAA-AD-15-21028
567	20981	Carbon3D	Annex 1 to Collaborative NASA Agreement with Carbon 3D Materials Evaluation and Testing	6/24/2016	6/24/2019	Non-Reimbursable	\$48,156	JSC	EA-15-20719
568	20941	Jacobs Technology, Inc.	Earth and Planetary Processes and Materials Research Facilities Annex	1/8/2016	1/8/2021	Reimbursable	-----	JSC	SAA-XI-16-20941
569	20836	University of Texas, Tyler	SAA with UT Tyler for Collaborative Research, Technology Transfer, Education and Outreach Activities	9/17/2015	9/17/2020	Non-Reimbursable	\$0	JSC	SAA-AD-15-20836

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570	20832	Ventura County Office of Education	Ventura County Office of Education Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	9/2/2015	9/1/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20832
571	20829	County College of Morris	County College of Morris Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	11/20/2015	11/19/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20829
572	20719	Carbon 3D	Carbon 3D Material Printing Collaboration for Lightweight Multi-functional Structures	6/22/2016	6/22/2021	Non-Reimbursable	\$0	JSC	
573	20695	Teledyne Energy Systems, Inc.	USE OF INTEGRATED, COMPACT BALANCE-OF-PLANT IN AIR INDEPENDENT FUEL CELL POWER SYSTEMS	4/4/2016	4/4/2019	Non-Reimbursable	\$14,171	JSC	SAA-EA-15-20695
574	20664	GALVESTON COUNTY	NONREIMBURSABLE SPACE ACT AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND GALVESTON COUNTY FOR RECIPROCAL USE OF EMERGENCY OPERATIONS CENTER	12/7/2015	12/6/2020	Non-Reimbursable	\$37,348	JSC	
575	20597	Billings Public Schools	Billings Public Schools Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	9/18/2015	9/17/2020	Non-Reimbursable	\$16,302	JSC	SAA-OZ-15-20597



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576	20448	Houston Airport System	ANNEX 1 BETWEEN HAS AND NASA JSC FOR NSTC CLASSES	11/4/2015	11/4/2020	Reimbursable	-----	JSC	SAA-NA-15-20448-01
577	20447	Houston Airport System	REIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND HOUSTON AIRPORT SYSTEM FOR ANALYSIS AND SUPPORT	11/4/2015	11/4/2020	Reimbursable	-----	JSC	SAA-NA-15-20447
578	20437	Lincoln Technical Institute	Lincoln Technical Institute Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	7/16/2015	7/15/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20437
579	20365	Jackson Hole High School	Jackson Hole High School Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	9/2/2015	9/1/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20365
580	20363	Tri County Regional Vocational School District	Tri County Regional Vocational School District Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	9/18/2015	9/17/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20363
581	20350	Jefferson County Public Schools	Jefferson County Public Schools Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	7/14/2015	7/13/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20350

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582	20346	Bedford Public Schools	Bedford Public Schools Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	11/16/2015	11/15/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20346
583	20329	Lehigh Career and Technical Institute	Lehigh Career and Technical Institute Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	9/18/2015	9/17/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20329
584	20328	Cherry Creek Schools	Cherry Creek Schools' Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	11/16/2015	11/15/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20328
585	20258	North Carolina School of Science and Mathematics	North Carolina School of Science and Mathematics Students Collaborating with NASA under the HUNCH (High School Students United with NASA to Create Hardware) Program	6/5/2015	6/4/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20258
586	20257	Houston Independent School District	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products under the HUNCH (High School Students United with NASA to Create Hardware) Program	5/12/2015	5/11/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20257
587	20252	Clear Creek Independent School District	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products under the HUNCH (High School Students United with NASA to Create Hardware) Program	6/5/2015	6/4/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20252

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588	20134	Conroe Independent School District	Conroe ISD Collaboration on HUNCH (High School Students United with NASA to Create Hardware) Program	8/9/2015	8/8/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-20134
589	19967	Arecibo Observatory Angel Ramos Foundation Visitor Center	Arecibo Lunar Sample Display	4/2/2015	4/2/2020	Reimbursable	-----	JSC	SAA-XA-15-19967
590	19944	Radio Amateur Satellite Corporation	Partially Reimbursable Services Supporting Amateur Radio on the International Space Station	2/25/2016	2/24/2021	Reimbursable	-----	JSC	SAA-OZ-16-19944
591	19927	Texas College Preparatory Academies	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products under the HUNCH (High School Students United with NASA to Create Hardware) Program	9/18/2015	9/17/2020	Non-Reimbursable	\$16,302	JSC	SAA-OA-15-19927
592	19925	Magnet Cove High School	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products under the HUNCH (High School Students United with NASA to Create Hardware) Program	10/9/2015	10/8/2020	Non-Reimbursable	\$13,585	JSC	SAA-OA-15-19925
593	19886	Iowa Northwest Area Education Agency	Space Settlement Design Competition Fall 2015	3/12/2015	4/26/2019	Reimbursable	-----	JSC	SAA-XA-15-19886

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594	19864	Astro Technology Inc.	Umbrella SAA for Utilization of Environmental Test Facilities	8/17/2015	8/17/2020	Reimbursable	-----	JSC	SAA-EA-15-19864
595	19863	Wounded Warrior Project	Houston Soldier Ride	3/5/2015	3/5/2020	Non-Reimbursable	\$7,099	JSC	SAA-JA-15-19863
596	19690	Cypress Fairbanks Independent School District	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products under the HUNCH (High School Students United with NASA to Create Hardware) Program	4/8/2015	4/7/2020	Non-Reimbursable	\$6,529	JSC	SAA-OA-15-19690
597	19651	NORTHROP GRUMMAN SYSTEMS CORPORATION	COMMUNICATIONS TECHNOLOGY DEMONSTRATIONS	12/17/2015	12/17/2020	Reimbursable	-----	JSC	SAA-CC-15-19651
598	19449	Jacobs Technology Inc.	Annex 14 to NASA JSC Non-Government Use Of Facilities Umbrella Agreement	3/12/2015	2/12/2020	Reimbursable	-----	JSC	SAA-EA-13-14705
599	19440	Armand Bayou Nature Center	Environmental Educational Programs	6/10/2015	6/10/2020	Non-Reimbursable	\$5,171	JSC	SAA-JA-15-19440

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600	19380	Technology Collaboration Center - Houston	Collaboration & Partnership Development Initiatives	7/15/2015	7/15/2020	Non-Reimbursable	\$836,182	JSC	SAA-XA-15-19380
601	19256	University of North Dakota	SAA with UND for Collaborative Research, Technology Transfer, Education and Outreach Activities	9/17/2015	9/17/2020	Non-Reimbursable	\$0	JSC	SAA-AD-15-19256
602	19242	University of Texas	Spacecraft Reentry Physics and Thermal Protection System Modeling and Analysis	3/10/2015	3/10/2020	Non-Reimbursable	\$223,088	JSC	SAA-EA-14-19242
603	19241	University of Texas	Collaborative Research, Technology Transfer, Education and Outreach Activities	3/31/2015	3/31/2020	Non-Reimbursable	\$0	JSC	SAA-AD-15-19241
604	19034	Wapato School District	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products under the HUNCH (High School Students United with NASA to Create Hardware) Program	3/10/2015	3/9/2020	Non-Reimbursable	\$14,536	JSC	SAA-OA-15-19034
605	18968	Anadarko Petroleum Corporation	SAFETY, RELIABILITY, AND ENGINEERING ANALYSIS AND TECHNOLOGY DEVELOPMENT PROJECTS	11/18/2014	11/18/2019	Reimbursable	-----	JSC	SAA-NA-14-18968

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606	18884	United Launch Alliance	COMMERCIAL SPACE CAPABILITIES COLLABORATION	12/18/2014	6/30/2022	Non-Reimbursable	\$930,055	JSC	SAA-QA-14-18884
607	18883	SpaceX	COMMERCIAL SPACE CAPABILITIES COLLABORATION	12/18/2014	3/31/2022	Non-Reimbursable	\$930,058	JSC	SAA-QA-14-18883
608	18881	ATK SPACE SYSTEMS INC	COMMERCIAL SPACE CAPABILITIES COLLABORATION	12/18/2014	12/31/2019	Non-Reimbursable	\$926,822	JSC	SAA-QA-14-18881
609	18850	Kwang Technomagnet, LLC	KTM Testing	1/7/2015	1/6/2020	Non-Reimbursable	\$13,741	JSC	SAA-EA-14-18850
610	18828	Space Exploration Technologies Corp.	Entry, Descent, and Landing (EDL) Technology Development	12/1/2015	12/1/2020	Non-Reimbursable	\$0	JSC	SAA-EA-15-18828
611	18800	Greater Houston Convention and Visitors Bureau	COLLABORATION ON HOUSTON SPACE COMMERCE CONFERENCE AND EXHIBITION	11/13/2014	11/13/2019	Non-Reimbursable	\$41,066	JSC	SAA-A0-14-18800

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612	18614	Brevard Machinist Apprenticeship Program, Inc.	High School Students Collaborating with NASA to Produce Hardware or Other Useful Products under the HUNCH (High School Students United with NASA to Create Hardware) Program	11/18/2014	11/17/2019	Non-Reimbursable	\$3,253	JSC	SAA-OA-14-18614
613	18552	SHELL INTERNATIONAL EXPLORATION AND PRODUCTION, INC	Umbrella Agreement for Shell International Exploration and Production, Inc.	10/28/2014	10/28/2019	Reimbursable	-----	JSC	SAA-EA-14-18552
614	18430	Techshot, Inc.	Techshot's ISS Research Suite of Hardware	6/23/2015	6/22/2020	Non-Reimbursable	\$98,817	JSC	SAA-OA-14-18430
615	18423	Carbtex Technology, Inc	Umbrella SAA-CarbTex for Innovative Applications for Graphite Foam and Diamonddown Fabrics for Human Space Flight	6/18/2015	6/18/2020	Non-Reimbursable	\$0	JSC	SAA-EA-14-18423
616	18415	Experimental Aircraft Association	WB-57F Appearance at AirVenture Oshkos	7/25/2014	7/25/2019	Reimbursable	-----	JSC	SAA-CA-14-18415
617	18258	HNu-Photonics, LLC	MICROFLUIDIC IMAGING PLATFORM FOR HOSTING CELL RESEARCH INVESTIGATIONS ABOARD THE INTERNATIONAL SPACE STATION NATIONAL LABORATORY	5/12/2015	5/11/2020	Non-Reimbursable	\$185,654	JSC	SAA-OZ-14-18258

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618	18102	Clear Creek Independent School District	Center for Agriculture Science and Engineering	12/7/2015	5/31/2019	Non-Reimbursable	\$43,002	JSC	SAA-JA-14-18102
619	17922	RED.com, Inc.	RED EPIC DRAGON Digital, Cinema Core Camera for ISS	10/3/2014	10/2/2019	Non-Reimbursable	\$97,967	JSC	SAA-OZ-14-17922
620	17460	Wright State University Boonshoft School of Medicine	Resident Physician Training	8/20/2014	8/20/2019	Non-Reimbursable	\$33,739	JSC	SAA-SA-14-17460
621	17138	Jacobs Technology Inc.	Annex 11 to NASA JSC Non-Government Use Of Facilities Umbrella Agreement - Utilization of the Engineering Directorate Advanced Radio Frequency Technology Laboratory and Electronics Manufacturing Facility	3/19/2014	4/30/2020	Reimbursable	-----	JSC	SAA-EA-13-14705
622	17106	Signature Flight Support - Long Beach Corporation	MA1A Jet Starter Loan to SFSLB	4/15/2015	4/14/2020	Non-Reimbursable	\$6,813	JSC	SAA-CA-14-17106
623	17020	Bigelow Aerospace	Expandable Space Structures Safety Process	7/24/2014	7/24/2019	Reimbursable	-----	JSC	SAA-EA-14-17020



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624	16763	NANORACKS, LLC	OPERATION OF THE NANORACKS SYSTEM ABOARD THE INTERNATIONAL SPACE STATION	7/8/2014	7/7/2019	Non-Reimbursable	\$97,968	JSC	SAA-OZ-14-16763
625	16682	BEMER	Prototype Countermeasure Garment for Enhancing Microcirculation	3/12/2015	3/12/2020	Non-Reimbursable	\$10,587	JSC	SAA-AO-14-16682
626	16521	The Houston Zoo	Attwater's Prairie Chicken Project	5/12/2014	5/12/2019	Non-Reimbursable	\$7,022	JSC	SAA-JA-13-16521
627	16475	Johnson Space Center Radio Control Club	Johnson Space Center Radio Control Club Nonreimbursable Space Act Agreement	3/26/2015	3/25/2020	Non-Reimbursable	\$5,619	JSC	SAA-JA-14-16475
628	16332	Science Applications International Corporation	NASA JSC Non-Government Use Of Facilities Umbrella Agreement	3/24/2014	3/31/2019	Reimbursable	-----	JSC	SAA-NA-14-16332
629	15477	Space Family Education, Inc	Aaron Cohen Child Care Center	12/28/2013	6/28/2019	Non-Reimbursable	-----	JSC	SAA-AO-13-15477

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630	14945	Jacobs Technology Inc.	Annex 3 to NASA JSC Non-Government Use Of Facilities Umbrella Agreement - Vibration, Acoustic, Thermal, Vacuum and EMI Testing	6/28/2013	4/30/2020	Reimbursable	-----	JSC	SAA-EA-13-14705-03
631	14944	Jacobs Technology Inc.	Annex 2 to NASA JSC Non-Government Use Of Facilities Umbrella Agreement - Utilize the NASA JSC Engineering Directorate Probability of Detection (POD) Non Destructive Evaluation (NDE) test specimens to perform NASA Special Level NDE qualification examinations	6/10/2013	4/30/2022	Reimbursable	-----	JSC	SAA-EA-13-14705-2
632	14926	Jacobs Technology, Inc.	Using FTIR to Conduct Analyses of Xenoliths	7/29/2013	7/29/2020	Reimbursable	-----	JSC	SAA-KA-13-14925-01
633	14925	Jacobs Technology, Inc.	Astromaterials Research and Exploration Science Facility Utilization Activities	7/17/2013	7/17/2020	Reimbursable	-----	JSC	SAA-KA-13-14925
634	14705	Jacobs Technology Inc.	NASA JSC Non-Government Use Of Facilities Umbrella Agreement	5/13/2013	5/13/2021	Reimbursable	-----	JSC	SAA-EA-13-14705
635	14316	Texas A&M University	TAMU SAA for Collaborative Research, Technology Transfer, and Education Activities	8/7/2014	8/7/2019	Non-Reimbursable	\$0	JSC	SAA-AD-14-14316

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636	13905	Meridian Health Systems	Microwave Applications For Healthcare Treatments and Radio Frequency Identification (RFID) Monitoring and Tracking	3/26/2013	3/26/2020	Reimbursable	-----	JSC	SAA-EA-12-13905
637	30022	UNITED LAUNCH ALLIANCE, LLC	Annex No. 18 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities (KCA-4556-18)	3/28/2019	9/30/2019	Reimbursable	-----	KSC	KCA-4556-18 Rev Basic
638	30021	UNITED LAUNCH ALLIANCE, LLC	Annex No. 17 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities (KCA-4556-17)	3/28/2019	9/30/2019	Reimbursable	-----	KSC	KCA-4556-17 Rev Basic
639	29979	Jacobs Technology Inc.	Annex 7 to FULLY REIMBURSABLE UMBRELLA SPACE ACT AGREEMENT BETWEEN JACOBS TECHNOLOGY INC. AND NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) JOHN F. KENNEDY SPACE CENTER (KSC) FOR USE OF NASA KSC RESOURCES IN PERFORMING CONTRACTOR 3RD PARTY WORK	3/29/2019	4/30/2019	Reimbursable	-----	KSC	KCA-4408-7
640	29968	UNITED LAUNCH ALLIANCE, LLC	Annex No. 20 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	3/21/2019	4/30/2019	Reimbursable	-----	KSC	KCA-4556-20 Rev Basic
641	29960	UNITED LAUNCH ALLIANCE, LLC	Annex No. 19 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities (KCA-4556)	3/21/2019	4/30/2019	Reimbursable	-----	KSC	KCA-4556-19 Rev Basic

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642	29930	UNITED LAUNCH ALLIANCE, LLC	Annex No. 16 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities (KCA-4556-16)	3/11/2019	9/30/2019	Reimbursable	-----	KSC	KCA-4556-16 Rev Basic
643	29787	Blue Origin Florida, LLC	Annex No. 3 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities (KCA-4555-3)	2/14/2019	2/14/2020	Reimbursable	-----	KSC	KCA-4555-3 Rev Basic
644	29727	URS FEDERAL SERVICES, INC	Annex 18 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	3/1/2019	9/30/2019	Reimbursable	-----	KSC	KCA-4495-18 Rev Basic
645	29609	Blue Origin Florida, LLC	Annex No. 2 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	12/27/2018	12/3/2023	Reimbursable	-----	KSC	KCA-4555-2 Rev Basic
646	29552	URS FEDERAL SERVICES, INC	Annex No. 17 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	1/29/2019	7/31/2019	Reimbursable	-----	KSC	KCA-4495-17 Rev Basic
647	29548	UNITED LAUNCH ALLIANCE, LLC	Annex No.14 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	12/12/2018	2/29/2020	Reimbursable	-----	KSC	KCA-4556-14 Rev Basic

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648	29519	UNITED LAUNCH ALLIANCE, LLC	Annex No 4 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	12/3/2018	2/22/2023	Reimbursable	-----	KSC	KCA-4556-4 Rev Basic
649	29503	University of North Dakota	Nonreimbursable Space Act Agreement with University of North Dakota MISSE-11 Mission for Spacesuite Material Sample	12/13/2018	12/13/2023	Non-Reimbursable	\$2,214	KSC	KCA-4595 Rev Basic
650	29481	UNITED LAUNCH ALLIANCE, LLC	Annex No.13 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	12/3/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4556-13 Rev Basic
651	29448	UNITED LAUNCH ALLIANCE, LLC	Annex No.6 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	11/26/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4556-6 Rev Basic
652	29407	Mayo Clinic Jacksonville	Nonreimbursable SAA with Mayo Clinic Jacksonville for Stem Cell Research Project - SpaceX CRS-16 Mission	11/26/2018	11/26/2021	Non-Reimbursable	\$9,478	KSC	KCA-4593 Rev Basic
653	29404	Level 3 Communications, LLC	Space Act Agreement between NASA, KSC and Level 3 Communications LLC for Use of Various Fiber Optics Terminals	2/22/2019	2/22/2024	Non-Reimbursable	\$0	KSC	KCA-4586 Rev Basic

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654	29401	ASRC Federal Data Solutions	Annex 11 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	11/26/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4559-11 Rev Basic
655	29341	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 15 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	11/5/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4513-15 Rev Basic
656	29339	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 13 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	10/24/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4513-13 Rev Basic
657	29321	ASRC Federal Data Solutions	Annex No. 16 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for CP3W	11/13/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4559-16 Rev Basic
658	29304	UNIVERSITY OF SOUTH FLORIDA	ANNEX 3 BETWEEN NASA AND USF FOR IN SITU RESOURCE UTILIZATION (ISRU) METHANATION AND CARBON DIOXIDE ACQUISITION MODELING AND ANALYSIS	2/25/2019	2/25/2021	Non-Reimbursable	\$4,783	KSC	KCA-4486-3 Rev Basic
659	29277	BLUE ORIGIN, LLC	Annex 1 for Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	12/3/2018	12/3/2019	Reimbursable	-----	KSC	KCA-4555-1 Rev. Basic

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660	29276	Blue Origin Florida, LLC	Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	12/3/2018	12/3/2023	Reimbursable	-----	KSC	KCA-4555 Rev. Basic
661	29263	THE BOEING COMPANY	Annex No. 4 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	10/1/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4515-4 Rev Basic
662	29191	Volusia County Schools	High School Students United with NASA to Create Hardware (HUNCH) Program Participation with Pine Ridge High School	3/7/2019	3/7/2024	Non-Reimbursable	\$70,444	KSC	KCA-4591 Rev Basic
663	29174	Lake Technical College	High School Students United with NASA to Create Hardware (HUNCH) Program Participation with Lake Technical College (LTC)	3/15/2019	3/15/2024	Non-Reimbursable	\$67,904	KSC	KCA-4590 Rev Basic
664	29106	ASRC Federal Data Solutions	Annex 15 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	10/15/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4559-15 Rev Basic
665	29094	UNITED LAUNCH ALLIANCE, LLC	Annex No. 11 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	9/13/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4556-11 Rev Basic

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666	29093	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 11 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	9/24/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4513-11 Rev Basic
667	29072	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 9 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	9/11/2018	11/17/2022	Reimbursable	-----	KSC	KCA-4513-9 Rev Basic
668	29049	UNITED LAUNCH ALLIANCE, LLC	Annex No. 7 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	9/11/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4556-7 Rev Basic
669	29039	URS FEDERAL SERVICES, INC	Annex No. 13 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	9/11/2018	6/30/2019	Reimbursable	-----	KSC	KCA-4495-13 Rev Basic
670	28957	THE BOEING COMPANY	Annex No. 2 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	8/29/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4515-2 Rev Basic
671	28930	ORBITAL ATK, INC	Annex No. 2 to Reimbursable Umbrella SAA between KSC and Orbital Sciences Corporation for Use of Center Capabilities	8/23/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4500-2 Rev Basic



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672	28929	ORBITAL ATK, INC	Annex No. 1 to Reimbursable Umbrella SAA between KSC and Orbital Sciences Corporation for Use of Center Capabilities	8/23/2018	8/23/2023	Reimbursable	-----	KSC	KCA-4500-1 Rev Basic
673	28928	ORBITAL ATK, INC	Reimbursable Umbrella SAA between KSC and Orbital Sciences Corporation for Use of Center Capabilities	8/23/2018	8/23/2023	Reimbursable	-----	KSC	KCA-4500 Rev Basic
674	28870	THE BOEING COMPANY	Annex No. 1 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	8/21/2018	8/21/2023	Reimbursable	-----	KSC	KCA-4515-1 Rev Basic
675	28869	THE BOEING COMPANY	Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	8/21/2018	8/21/2023	Reimbursable	-----	KSC	KCA-4515 Rev Basic
676	28858	URS FEDERAL SERVICES, INC	Annex No. 15 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	8/22/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4495-15 Rev Basic
677	28819	Polk State College	Nonreimbursable SAA between NASA and Polk State College for High School Students United with NASA to Create Hardware (HUNCH) Program Participation	8/6/2018	8/6/2023	Non-Reimbursable	\$57,191	KSC	KCA-4582 Rev Basic

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678	28801	RUAG Space USA, Inc	Annex to Reimbursable Umbrella SAA with RUAG SPACE USA, INC for NASA Testing Services	10/19/2018	10/19/2019	Reimbursable	-----	KSC	KCA-4544-2
679	28776	SPACE EXPLORATION TECHNOLOGIES CORP	Reimbursable SAA between NASA KSC and Space Exploration Technologies Corp for the Use of Space Inside Launch Control Center Firing Room 4	8/6/2018	8/6/2020	Reimbursable	-----	KSC	KCA-4581 Rev Basic
680	28297	URS FEDERAL SERVICES, INC	Annex No. 14 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	5/30/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4495-14 Rev Basic
681	28255	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No.12 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	5/14/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4513-12
682	28218	URS FEDERAL SERVICES, INC	Annex No. 11 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	5/9/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4495-11 Rev Basic
683	28207	URS FEDERAL SERVICES, INC	Annex No.10 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	5/16/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4495-10 Rev Basic

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684	27999	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No.8 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	4/18/2018	12/14/2022	Reimbursable	-----	KSC	KCA-4548-8 Rev Basic
685	27912	University of Florida	Annex No. 1 to Development of Biological Imaging Systems for Growth, Biological Assessment of Flight Hardware and Space Biology Studies in Space relevant Environments with University of Florida (KCA-4572-1)	11/14/2018	11/14/2023	Non-Reimbursable	\$129,077	KSC	KCA-4572-1 Rev Basic
686	27911	University of Florida	Nonreimbursable Space Act Agreement for Collaborative Research, Technology Transfer, Academic Engagement, and Outreach Activities	11/14/2018	11/14/2023	Non-Reimbursable	\$0	KSC	KCA-4572 Rev Basic
687	27781	URS FEDERAL SERVICES, INC	Annex No. 8 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	3/19/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4495-8 Rev Basic
688	27780	URS FEDERAL SERVICES, INC	Annex No. 7 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	3/19/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4495-7 Rev Basic
689	27779	URS FEDERAL SERVICES, INC	Annex No. 6 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	3/19/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4495-6 Rev Basic

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690	27778	URS FEDERAL SERVICES, INC	Annex No 5 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	3/19/2018	9/30/2019	Reimbursable	-----	KSC	KCA-4495-5 Rev Basic
691	27649	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 10 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	2/23/2018	11/17/2022	Reimbursable	-----	KSC	KCA-4513-10 Rev Basic
692	27641	ASRC Federal Data Solutions	Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for CP3W	2/26/2018	2/28/2023	Reimbursable	-----	KSC	KCA-4559 Rev Basic
693	27639	UNITED LAUNCH ALLIANCE, LLC	Annex No. 1 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	2/22/2018	2/22/2023	Reimbursable	-----	KSC	KCA-4556-1 Rev Basic
694	27632	UNITED LAUNCH ALLIANCE, LLC	Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	2/22/2018	2/22/2023	Reimbursable	-----	KSC	KCA-4556 Rev Basic
695	27587	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 3 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	2/19/2018	12/14/2022	Reimbursable	-----	KSC	KCA-4548-3 Rev Basic

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696	27565	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 5 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	2/13/2018	12/14/2022	Reimbursable	-----	KSC	KCA-4548-5 Rev Basic
697	27564	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 4 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	2/13/2018	12/14/2022	Reimbursable	-----	KSC	KCA-4548-4 Rev Basic
698	27509	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No 9 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	1/18/2018	12/14/2022	Reimbursable	-----	KSC	KCA-4548-9 Rev Basic
699	27507	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 6 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	1/18/2018	12/14/2022	Reimbursable	-----	KSC	KCA-4548-6 Rev Basic
700	27506	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 2 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	1/18/2018	12/14/2022	Reimbursable	-----	KSC	KCA-4548-2 Rev Basic
701	27356	FLORIDA INSITUTE OF TECHNOLOGY	Annex No. 4 to the Nonreimbursable SAA with Florida Institute of Technology (FIT) for Joint Research on the Performance of Crop Species Grown in Martian Simulants	1/10/2018	1/10/2021	Non-Reimbursable	\$11,335	KSC	KCA-4471-4 Rev Basic

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702	27291	UNIVERSITY OF DAYTON	Annex No. 1 to Reimbursable Umbrella SAA between KSC and University of Dayton for Corrosion Testing	12/22/2017	6/22/2019	Reimbursable	-----	KSC	KCA-4550-1 Rev Basic
703	27290	UNIVERSITY OF DAYTON	Reimbursable Umbrella SAA between KSC and University of Dayton for Corrosion Testing	12/22/2017	12/22/2022	Reimbursable	-----	KSC	KCA-4550 Rev Basic
704	27258	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Annex No. 1 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities (Utilities, Operations, and Integration Support)	12/15/2017	12/14/2022	Reimbursable	-----	KSC	KCA-4548-1 Rev Basic
705	27257	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	12/14/2017	12/14/2022	Reimbursable	-----	KSC	KCA-4548 Rev Basic
706	26866	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 8 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	-----	KSC	KCA-4513-8 Rev Basic
707	26865	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 7 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	-----	KSC	KCA-4513-7 Rev Basic

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708	26861	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 6 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	-----	KSC	KCA-4513-6 Rev Basic
709	26860	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 5 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	-----	KSC	KCA-4513-5 Rev Basic
710	26859	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 4 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	-----	KSC	KCA-4513-4 Rev Basic
711	26858	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 3 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	-----	KSC	KCA-4513-3 Rev Basic
712	26857	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 2 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	12/2/2017	9/30/2022	Reimbursable	-----	KSC	KCA-4513-2 Rev Basic
713	26856	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 1 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	11/17/2017	11/17/2022	Reimbursable	-----	KSC	KCA-4513-1 Rev Basic

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714	26855	SPACE EXPLORATION TECHNOLOGIES CORP	Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	11/17/2017	11/17/2022	Reimbursable	-----	KSC	KCA-4513 Rev Basic
715	26738	Valencia College	Nonreimbursable SAA between NASA and Valencia College for High School Students United with NASA to Create Hardware (HUNCH) Program Participation	9/7/2017	9/7/2022	Non-Reimbursable	\$227,557	KSC	KCA-4528 Rev Basic
716	26245	PPG Industries, Inc	Reimbursable SAA between NASA and PPG Industries, Inc for PPG Coatings Agreement	12/20/2017	6/20/2020	Reimbursable	-----	KSC	KCA-4554 Rev Basic
717	25982	Canaveral Council of Technical Societies	Nonreimbursable Space Act Agreement with CCTS for the Collaboration on the Annual Space Congress Event	6/14/2017	6/14/2022	Non-Reimbursable	\$162,020	KSC	KCA-4526
718	25967	RUAG Space USA, Inc	Reimbursable Umbrella SAA with RUAG SPACE USA, INC for NASA Testing Services	9/21/2017	9/21/2022	Reimbursable	-----	KSC	KCA-4544
719	25775	JACOBS TECHNOLOGY, INC	Annex No 5 to Fully Reimbursable Umbrella Space Act Agreement between JACOBS Technology and KSC NASA for Use of NASA KSC Resources in Performing CONTRACTOR 3RD PARTY WORK	5/12/2017	4/30/2019	Reimbursable	-----	KSC	KCA-4408-5



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720	25544	University of Puerto Rico	Nonreimbursable Agreement between NASA and Univ Puerto Rico for NASA Educator Resource Center	7/13/2017	7/13/2022	Non-Reimbursable	\$19,888	KSC	KCA-4529 Rev Basic
721	25428	INTERGRATED MISSION SUPPORT SERVICES, LLC	Annex No. 13 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	3/27/2017	1/20/2021	Reimbursable	-----	KSC	KCA-4464-13
722	24914	URS FEDERAL SERVICES, INC	Annex No. 3 to Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	12/19/2016	9/2/2021	Reimbursable	-----	KSC	KCA-4495-3
723	24609	SEMINOLE COUNTY PUBLIC SCHOOLS	High School Students United with NASA to Create Hardware (HUNCH) Program Participation (Seminole County)	10/19/2017	10/19/2022	Non-Reimbursable	\$277,277	KSC	KCA-4517
724	24427	FLORIDA INSTITUTE OF TECHNOLOGY	Annex 3 to Nonreimbursable SAA with Florida Institute of Technology (FIT) for Collaborative Research, Technology Transfer, Education and Outreach Activities	2/15/2017	2/15/2020	Non-Reimbursable	\$79,064	KSC	KCA-4471-3
725	24385	Blue Origin, LLC	Fully Reimbursable SAA between Blue Origin, LLC and NASA for Use of Center Capabilities	3/27/2017	3/27/2022	Reimbursable	-----	KSC	KCA-4514

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726	24320	Brevard County Public Schools	Nonreimbursable SAA between NASA and High School Students United to Create Hardware (HUNCH) Program Participation (Brevard County)	4/21/2017	4/21/2022	Non-Reimbursable	\$539,103	KSC	KCA-4518
727	24296	UNITED LAUNCH ALLIANCE, LLC	Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	9/28/2016	9/28/2021	Reimbursable	-----	KSC	KCA-4504 Rev Basic
728	24165	UNITED LAUNCH ALLIANCE, LLC	Annex No. 2 for Nonreimbursable SAA Umbrella Agreement between NASA and ULA, LLC for Demonstration of Cryogenic and Secondary Technologies for Launch Vehicles	9/13/2016	1/21/2021	Non-Reimbursable	\$2,639,520	KSC	KCA-4461-2
729	24146	URS FEDERAL SERVICES, INC	Annex No. 1 to the Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	9/1/2016	9/2/2021	Reimbursable	-----	KSC	KCA-4495-1
730	24145	URS FEDERAL SERVICES, INC	Reimbursable Umbrella SAA between NASA KSC and URS Federal Services, INC for Use of KSC Resources in Performing Contractor 3rd Party Work	9/8/2016	9/2/2021	Reimbursable	-----	KSC	KCA-4495 Rev Basic
731	23983	Blue Origin	Nonreimbursable SAA between NASA and Blue Origin for Commercial Space Capabilities Collaboration	4/15/2016	4/15/2021	Non-Reimbursable	\$183,072	KSC	KCA-4502 Rev. Basic

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732	23737	University of the Virgin Islands St. Thomas	Nonreimbursable SAA between University of the VI St. Thomas and NASA for Regional Educator Resource Center	4/19/2017	4/19/2022	Non-Reimbursable	\$45,844	KSC	KCA-4498
733	23664	Jacobs Technology Inc.	Annex No. 2 to FULLY REIMBURSABLE UMBRELLA SPACE ACT AGREEMENT BETWEEN JACOBS TECHNOLOGY INC. AND NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) JOHN F. KENNEDY SPACE CENTER (KSC) FOR USE OF NASA KSC RESOURCES IN PERFORMING CONTRACTOR 3RD PARTY WORK	7/15/2016	4/30/2019	Reimbursable	-----	KSC	KCA-4408-2
734	23035	INTERGRATED MISSION SUPPORT SERVICES, LLC	Annex No. 11 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	5/3/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-11
735	23034	INTERGRATED MISSION SUPPORT SERVICES, LLC	Annex No. 10 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	5/3/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-10
736	22887	BREVARD COUNTY FIRE RESCUE	Nonreimbursable SAA between Brevard County Fire Rescue and NASA KSC for Mutual Aid	3/29/2016	3/29/2021	Non-Reimbursable	\$0	KSC	KCA-4437
737	22478	MUSEUM OF AVIATION FOUNDATION	Nonreimbursable SAA between Museum of Aviation and NASA KSC for NASA Regional Educator Resource Center (RERC)	5/2/2016	5/2/2021	Non-Reimbursable	\$36,801	KSC	KCA-4477

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738	22377	UNITED LAUNCH ALLIANCE, LLC	Annex No. 1 to Nonreimbursable SAA Umbrella Agreement between NASA and ULA, LLC for Demonstration of Cryogenic and Secondary Technologies for Launch Vehicles	1/21/2016	1/21/2021	Non-Reimbursable	\$2,161,402	KSC	KCA-4461-1 Rev Basic
739	22376	UNITED LAUNCH ALLIANCE, LLC	Nonreimbursable SAA Umbrella Agreement between NASA and ULA, LLC for Demonstration of Cryogenic and Secondary Technologies for Launch Vehicles	1/21/2016	1/21/2021	Non-Reimbursable	\$0	KSC	KCA-4461 Rev Basic
740	22325	American Honda Motor Co.	Reimbursable SAA Umbrella Agreement between NASA and Honda Optimization of Smart Technology Systems	3/23/2016	3/23/2021	Reimbursable	-----	KSC	KCA-4473
741	22324	Intergrated Mission Support Services, LLC	Annex No.8 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	2/2/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-8
742	22323	Intergrated Mission Support Services, LLC	Annex No. 7 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	2/2/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-7
743	22322	INTERGRATED MISSION SUPPORT SERVICES, LLC	Annex No. 6 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	2/2/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-6

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744	22320	INTERGRATED MISSION SUPPORT SERVICES, LLC	Annex No. 5 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	2/2/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-5
745	22319	INTERGRATED MISSION SUPPORT SERVICES, LLC	Annex No. 4 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	2/2/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-4
746	22318	INTERGRATED MISSION SUPPORT SERVICES, LLC	Annex No. 3 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	2/2/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-3
747	22315	INTERGRATED MISSION SUPPORT SERVICES, LLC	Annex No. 2 to Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	2/2/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464-2
748	22119	INTERGRATED MISSION SUPPORT SERVICES, LLC	Fully Reimbursable Umbrella SAA between NASA and Integrated Mission Support Services, LLC for CP3W	1/20/2016	1/20/2021	Reimbursable	-----	KSC	KCA-4464 Rev Basic
749	21822	UNIVERSITY OF SOUTH FLORIDA	Nonreimbursable SAA Umbrella Agreement between NASA KSC and University of South Florida for Collaborative Research	9/9/2016	9/9/2021	Non-Reimbursable	\$0	KSC	KCA-4486 Rev Basic

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750	21801	Orbital Sciences Corp	Reimbursable Umbrella Space Act Agreement between NASA and Orbital Sciences Corporation for Guest and Media Services	11/23/2015	11/23/2020	Reimbursable	-----	KSC	KCA-4454 Rev Basic
751	21351	FLORIDA INSTITUTE OF TECHNOLOGY	Nonreimbursable SAA with Florida Institute of Technology (FIT) for Collaborative Research, Technology Transfer, Education and Outreach Activities	6/29/2016	6/29/2021	Non-Reimbursable	\$0	KSC	KCA-4471
752	20918	CATERPILLAR, INC.	Non-Reimbursable Umbrella Space Act Agreement Between NASA KSC and Caterpillar INC. for Space Technology Development and Testing	12/18/2015	12/18/2020	Non-Reimbursable	\$0	KSC	KCA-4453
753	20782	Pacific International Space Center for Exploration Systems	Non-Reimbursable Space Act Umbrella Agreement between NASA John F. Kennedy Space Center and Pacific International Space Center (PISCES) for Exploration Systems for Space Technology Development and Testing	9/9/2015	9/9/2020	Non-Reimbursable	\$0	KSC	KCA-4452
754	20765	Astronauts Memorial Foundation	Reimbursable SAA between the Astronauts Memorial Foundation and NASA KSC for KSC Educator Resource Center	6/5/2015	6/5/2020	Reimbursable	-----	KSC	KCA-4439 Rev Basic
755	20428	City of Melbourne Fire Department	Nonreimbursable SAA Between NASA KSC and Cityof Melbourne for Mutual Aid	4/1/2015	4/1/2020	Non-Reimbursable	\$0	KSC	KCA-4418

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756	20366	Rockledge Fire Department	Nonreimbursable SAA Between NASA KSC and City of Rockledge for Mutual Aid	4/20/2015	4/20/2020	Non-Reimbursable	\$0	KSC	KCA-4417
757	19939	Embry Riddle Aeronautical University	Nonreimbursable SAA with Embry Riddle for Launch Induced Acoustics Prediction and Mitigation	8/6/2015	8/6/2020	Non-Reimbursable	\$71,043	KSC	KCA-4438
758	18740	McDonnell Douglas Corp	REIMBURSABLE SPACE ACT AGREEMENT BETWEEN NASA AND MCDONNELL DOUGLAS CORP, A WHOLLY OWNED SUBSIDIARY OF THE BOEING COMPANY FOR PROVIDING HELIUM PIPELINE INSTALLATION NITROGEN PIPELINE EXTENSION AND GASES TO CCAFS CUSTOMERS	7/17/2000	7/17/2020	Reimbursable	-----	KSC	KCA-1650
759	18361	Pacific International Space Center for Exploration Systems	Non-Reimbursable Umbrella Space Act Agreement between NASA KSC and Pacific International Space Center for Exploration Systems (PISCES) for STEM Outreach and Mentoring of Hawaii High School Students	1/15/2015	1/15/2020	Non-Reimbursable	\$0	KSC	KCA-4424
760	17675	Jacobs Technology Inc.	FULLY REIMBURSABLE UMBRELLA SPACE ACT AGREEMENT BETWEEN JACOBS TECHNOLOGY INC. AND NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) JOHN F. KENNEDY SPACE CENTER (KSC) FOR USE OF NASA KSC RESOURCES IN PERFORMING CONTRACTOR 3RD PARTY WORK	3/5/2014	4/30/2019	Reimbursable	-----	KSC	KCA-4408
761	16980	Light Visually Transceiving System Corporation	Reimbursable Umbrella SAA Between NASA KSC and Light Visually Ttransceiving System Corporation (LVX) for Lighting System Communication and Network Augmentation Activities	7/30/2015	7/30/2020	Reimbursable	-----	KSC	KCA-4421

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762	15915	Massachusetts Institute of Technology Lincoln Laboratory	Fully Reimbursable Umbrella SAA between NASA KSC and Massachusetts Institute of Technology Lincoln Laboratory Use of KSC Labs and Services for Propulsion, Satellite and Payload Systems, and Space Technology Testing	4/16/2015	4/16/2020	Reimbursable	-----	KSC	KCA-4420
763	14880	Sierra Nevada Corporation	Space Act Agreement between NASA and Sierra Nevada Corporation for Commercial Crew Integrated Capability (CCiCap)	8/2/2012	8/1/2022	Funded	\$227,500,000	KSC	NNK12MS03S
764	14840	Space Exploration Technologies Corp	Space Act Agreement Between National Aeronautics and Space Administration and Space Exploration Technologies Corp. for Commercial Crew Integrated Capability (CCiCAP)	8/2/2012	8/1/2019	Funded	\$460,000,000	KSC	NNK12MS02S
765	13946	City of Palm Bay	Nonreimbursable Space Act Agreement between City of Palm Bay and NASA KSC for Mutual Aid	3/31/2014	3/31/2019	Non-Reimbursable	-----	KSC	KCA-4387
766	10479	UNITED LAUNCH ALLIANCE, LLC	SAA between United Launch Alliance and NASA Launch Services Program for Access to and Operational Use of Space Launch Complex 2 (SLC-2) and Delta II Launch Vehicle Government Owned Equipment	8/23/2011	12/31/2027	Reimbursable	-----	KSC	KCA-4333
767	10443	Astrotech Space Operations	Nonreimbursable SAA between Astrotech Space Operations Inc. and NASA KSC for Fiber Optic Communications Circuit Swap	8/25/2014	8/25/2019	Non-Reimbursable	\$9,320	KSC	KCA-4426



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768	29851	Exothermics, Inc.	Thermochemical Response of UHT Hypersonic Leading-Edge Candidates	3/26/2019	12/31/2019	Reimbursable	-----	LaRC	SAA1-29851
769	29802	ALASKA AIRLINES	annex to Research and Development Collaboration	3/26/2019	9/30/2019	Non-Reimbursable	\$112,390	LaRC	SAA1-26344
770	29737	Florida State University	Validation of a Liner Drag Measurement/Computational Tool	3/19/2019	9/19/2020	Non-Reimbursable	\$14,020	LaRC	SAA1--29737
771	29707	Calspan-University at Buffalo Research Center	FREESTREAM MEASUREMENT TESTING	3/6/2019	9/30/2019	Non-Reimbursable	\$2,256	LaRC	SAA1-29707
772	29601	North Carolina School of Science & Math	Design and Prototype Radiation Jacket and Mission Reminder Tool for the ISS	2/19/2019	2/19/2020	Non-Reimbursable	\$6,737	LaRC	SAA1-24364, Annex 3
773	29578	HAMPTON CITY SCHOOLS	Culinary Arts Challenge	2/5/2019	5/31/2019	Non-Reimbursable	\$4,479	LaRC	SAA1-24257, Annex 5

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774	29577	York County School District	Design and Prototype Food Packaging for the International Space Station	2/8/2019	5/31/2019	Non-Reimbursable	\$6,737	LaRC	SAA1-24387, Annex 5
775	29576	New Horizons Regional Education Center	Culinary Arts Challenge	2/6/2019	5/31/2019	Non-Reimbursable	\$4,479	LaRC	SAA1-24239, Annex 6
776	29575	New Horizons Regional Education Center	Galley Table for International Space Station	2/6/2019	2/6/2020	Non-Reimbursable	\$6,737	LaRC	SAA1-24239, Annex 5
777	29574	Poquoson City School District	Design and Prototype of Spare Tools Pouch for the International Space Station	2/20/2019	5/31/2019	Non-Reimbursable	\$3,000	LaRC	SAA1-19395, Annex 6
778	29432	Phoebus High School	Video and Media Challenge	12/17/2018	12/17/2019	Non-Reimbursable	\$13,673	LaRC	SAA1-24257, Annex 4
779	29425	Williamsburg-James City County Public Schools	Design and Prototype of Spare Tools Pouch	2/6/2019	5/31/2019	Non-Reimbursable	\$6,737	LaRC	SAA1-29424, Annex 1

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780	29424	Williamsburg-James City County Public Schools	High School Students United With NASA to Create Hardware Program	2/6/2019	2/6/2024	Non-Reimbursable	\$0	LaRC	SAA1-29424
781	29286	Newport News Public School District	Rivet and Assemble Stowage Lockers for the International Space Station	2/12/2019	5/31/2019	Non-Reimbursable	\$6,737	LaRC	SAA1-23957, Annex 4
782	29215	Purdue University	Deployable Composite Sail Structure Materials Modeling Research	2/22/2019	2/22/2021	Non-Reimbursable	\$15,826	LaRC	SAA1-29213, Annex 2
783	29214	Purdue University	Composite Deployable Sail Structure Development	2/21/2019	2/21/2020	Non-Reimbursable	\$25,038	LaRC	SAA1-29213, Annex 1
784	29213	Purdue University	Deployable Composite Solar Sail Structural Research	2/21/2019	2/21/2024	Non-Reimbursable	\$0	LaRC	SAA1-29213
785	29180	SPACE EXPLORATION TECHNOLOGIES CORP	Dragon Water Impact Landing Tests	11/2/2018	11/2/2019	Reimbursable	-----	LaRC	Task Plan 29180

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786	29171	Virginia Polytechnic Institute and State University	ThinSat Boom Technology Demonstration Project	12/13/2018	12/13/2019	Non-Reimbursable	\$32,727	LaRC	SAA1-23392, Annex 5
787	29166	Psionic, LLC	Navigation Doppler Lidar (NDL) Integrated Test	11/14/2018	11/14/2019	Reimbursable	-----	LaRC	SAA1-23647, Annex 3
788	29029	Jacobs Technology, Incorporated	Annex 5 to Marketing of Langley Research Center Wind Tunnel Testing Capability for General Electric Tail Cone Thruster Risk Reduction Test in teh 0.3M TCT	10/25/2018	2/28/2020	Reimbursable	-----	LaRC	SAA1-15634, Annex 5
789	28997	Hexcel Corporation	Design and Evaluation of Novel Liner Configurations	11/5/2018	7/5/2020	Non-Reimbursable	\$13,218	LaRC	SAA1-21586, Annex 2
790	28891	The Boeing Company	Evaluation of Novel Aircraft Engine Liner Concepts	11/6/2018	11/6/2020	Reimbursable	-----	LaRC	SAA1-21619, Annex 5
791	28808	THE BOEING COMPANY	The Development of a Science, Technology, Engineering and Mathematics Capable Workforce	11/21/2018	11/21/2021	Non-Reimbursable	\$540,068	LaRC	SAA1-28808

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792	28790	Wichita State University	Investigation of Metallic Foams for Acoustic Liner Applications	10/1/2018	4/1/2020	Non-Reimbursable	\$14,970	LaRC	SAA1-28789, Annex 1
793	28789	Wichita State University	Acoustic and Aero Liner Research	10/1/2018	10/1/2023	Non-Reimbursable	\$0	LaRC	SAA1-28789
794	28603	United Technologies Corporation	Acoustic and Aero Liner Research	10/2/2018	10/2/2019	Reimbursable	-----	LaRC	SAA1-18617
795	28551	Virginia Polytechnic Institute and State University	Robust Autonomous Assembly of Space Systems	10/19/2018	12/31/2020	Non-Reimbursable	\$141,515	LaRC	SAA1-23392, Annex 4
796	28502	North Carolina State University	Deployable Composite Booms and Deployment Systems	8/27/2018	8/27/2019	Non-Reimbursable	\$34,432	LaRC	SAA1-23398, Annex 3
797	28303	THE UNIVERSITY OF MARYLAND	Assessment of Dynamic Force Measurement Technology in a Conventional Hypersonic Tunnel	10/17/2018	1/17/2020	Non-Reimbursable	\$716,095	LaRC	SAA1-25454, Annex 2

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798	28175	LOCKHEED MARTIN	Investigation of Advanced Processing of Metallic Materials	7/17/2018	7/17/2019	Reimbursable	-----	LaRC	SAA1-28174, Annex 1
799	28174	LOCKHEED MARTIN	Revolutionary Fabrication Methods and Materials Testing of Advanced Materials	7/17/2018	7/17/2023	Reimbursable	-----	LaRC	SAA1-28174
800	28077	SIERRA NEVADA CORP	SUPPORT OF CRS2 CONTRACT	7/16/2018	4/30/2019	Reimbursable	-----	LaRC	Task Plan 005
801	28041	DENBIGH AVIATION ACADEMY	Denbigh Aviation Academy Model Refurbishment	5/22/2018	6/22/2019	Non-Reimbursable	\$8,300	LaRC	SAA1-23957, Annex 3
802	27982	Virgin Orbit, LLC	Microfocus Computed Tomography of Exit Cones	5/31/2018	5/31/2019	Reimbursable	-----	LaRC	SAA8-1725209, Annex 5
803	27922	Tech Center LLC	Z-Grade Material Testing	7/13/2018	4/30/2019	Reimbursable	-----	LaRC	SAA1-27921, Annex 1

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804	27921	Tech Center LLC	Cooperative Research Activities In Manufacturing Technologies	7/13/2018	7/13/2023	Reimbursable	-----	LaRC	SAA1-27921
805	27865	United Technologies Corporation Aerospace Systems	High Ice Water Content (HIWC) Radar II - Optical Ice Detector	7/16/2018	7/16/2019	Non-Reimbursable	\$2,268	LaRC	SAA1-27865
806	27830	Boom Supersonic	FREE SPIN TEST IN THE 20-FOOT VERTICAL SPIN TUNNEL	5/8/2018	5/8/2019	Reimbursable	-----	LaRC	SAA1-27829, Annex 1
807	27829	Boom Supersonic	Aerospace Research and Development	5/8/2018	5/8/2023	Reimbursable	-----	LaRC	SAA1-27829
808	27785	George Mason University	Interatomic Potential Development for Molecular Dynamics Simulations	5/31/2018	10/1/2020	Non-Reimbursable	\$100,638	LaRC	SAA1-27785
809	27688	Gulfstream Aerospace Corporation	Assessment of Tools for Sonic Boom Propagation and Certification	8/23/2018	8/23/2020	Non-Reimbursable	\$39,839	LaRC	SAA1-24738, Annex 3

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810	27525	University of South Carolina	METHODOLOGIES FOR TOW-STEERED STRUCTURAL DESIGN	5/30/2018	5/30/2019	Non-Reimbursable	\$17,250	LaRC	SAA1-18124, Annex 3
811	27263	BLACK LABORATORIES, LLC	Materials Characterization	4/18/2018	4/18/2022	Reimbursable	-----	LaRC	SAA1-27263
812	27243	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	Air Force Office of Scientific Research Boundary Layer Transition (BOLT) Experiments	3/14/2018	1/31/2021	Non-Reimbursable	\$516,186	LaRC	SAA1-27243
813	27150	Huntington Ingalls Incorporated	Ferrous Additive Manufacturing Process & Property Evaluation	3/26/2018	3/26/2020	Reimbursable	-----	LaRC	SAA1-22064, Annex 2
814	26937	National Institute of Aerospace	Laboratory and Facility Use for Boron Nitride Nanotube (BNNT) Research	12/7/2017	9/30/2019	Reimbursable	-----	LaRC	SAA1-21594, Annex 7
815	26917	University of Tennessee Knoxville	Flight Performance Design and Analysis of Advanced Entry Systems	12/14/2017	12/14/2019	Non-Reimbursable	\$24,233	LaRC	SAA1-26917



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816	26910	Pennsylvania State University	Design and Additive Manufacturing of Ni-based Alloys	4/12/2018	4/12/2021	Non-Reimbursable	\$22,463	LaRC	SAA1-26910
817	26887	ALASKA AIRLINES	Airspace Technology Demonstration (ATD)-3 Air/Ground Integration with Alaska Airlines	7/3/2018	9/30/2020	Non-Reimbursable	\$6,455,736	LaRC	SAA1-26344, Annex 2
818	26793	Opto-Knowledge Systems, Inc.	annex to Optical Remote Sensing and Sensor Directed Flight of NASA Related Activities	3/22/2019	12/31/2019	Reimbursable	-----	LaRC	SAA1-20407, Annex 2
819	26729	Hyperloop Transportation Technologies	Computational Development and Analyses on a Hyperloop Transportation Vehicle	1/30/2018	1/31/2020	Reimbursable	-----	LaRC	26728, Annex 1
820	26728	Hyperloop Transportation Technologies	Research, Development, and Testing of Aerospace Technologies	1/30/2018	1/30/2023	Reimbursable	-----	LaRC	26728
821	26688	GENERAL ELECTRIC COMPANY	Assessment of Novel Acoustic Liner Concepts	3/2/2018	12/2/2019	Non-Reimbursable	\$100,548	LaRC	SAA1-26688

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822	26676	Purdue University	Composite Deployable Sail Structure Development	4/13/2018	4/13/2019	Non-Reimbursable	\$24,960	LaRC	SAA1-26676
823	26614	Virginia Tech	Center for Business Intelligence and Analytics (CBIA) Capstone Program at Virginia Tech	11/9/2017	6/19/2019	Non-Reimbursable	\$14,908	LaRC	SAA1-26614
824	26534	National Institute of Aerospace	annex to RESEARCH, EDUCATIONAL OUTREACH, AND TESTING ACTIVITIES	10/18/2017	7/1/2019	Reimbursable	-----	LaRC	SAA1-21594, Annex 5
825	26521	The Boeing Company	Laser Ablation to Improve Adhesive Bonding of Aerospace Structural Thermoplastic Composite Materials	11/29/2017	9/30/2019	Non-Reimbursable	\$130,425	LaRC	SAA1-21157, Annex 17
826	26344	ALASKA AIRLINES	Research and Development Collaboration	9/25/2017	9/25/2022	Non-Reimbursable	\$0	LaRC	SAA1-26344
827	26180	Brilliant Gemtech Labs	SURFACE ANALYSIS OF COMPOSITES AND METALS FOR ADHESIVE BONDING	8/18/2017	2/18/2020	Non-Reimbursable	\$130,330	LaRC	SAA1-26180

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828	25790	The Boeing Company	Traffic Aware Planner (TAP) Link to Boeing Climb Out Performance (BCOP) data files	7/18/2017	11/18/2020	Non-Reimbursable	\$35,331	LaRC	SAA1-23831, Annex 2
829	25717	Pittsburgh Plate Glass	Research Toward Aerospace Coatings for Mitigation of Environmental Contaminants	9/21/2017	3/21/2020	Non-Reimbursable	\$43,068	LaRC	SAA1-25717
830	25641	Spectral Energies, LLC	SBIR/STTR Facility Use Agreement No. 25641 in Support of Contract No. NNX17CL26C	6/26/2017	9/30/2019	Reimbursable	-----	LaRC	FUA1-25641
831	25551	JOHN HOPKINS APPLIED PHYSICS LABORATORY	Multifunctional Hypersonic Materials and Coatings	5/10/2017	9/30/2019	Reimbursable	-----	LaRC	SAA1-25551
832	25454	University of Maryland	Hypersonic ShockWave Boundary Layer Fluid Structure Intereactions Technology Development	6/1/2017	6/1/2022	Non-Reimbursable	\$0	LaRC	SAA1-25454
833	25384	NORFOLK STATE UNIVERSITY	ADVANCED CAPABILITIES FOR AERONAUTICS RESEARCH AND GROUND FACILITY TESTING	11/13/2017	11/13/2022	Non-Reimbursable	\$273,295	LaRC	SAA1-25384

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834	25364	THE BOEING COMPANY	ACOUSTIC AND LIGHTSIMULATION ANALYSIS OF HYBRID WING BODY ADVANCED VEHICLES	5/24/2018	5/24/2019	Non-Reimbursable	\$25,369	LaRC	SAA1-21157, Annex 14
835	25184	Purdue University	Hypersonic Boundary Layers Testing in Facilities at Purdue University and NASA Langley Research Center	7/19/2017	7/19/2019	Non-Reimbursable	\$427,543	LaRC	SAA1-25183, Annex 1
836	25183	Purdue University	Support of Understanding of Experimental Mach 6 Hypersonic Boundary Layers (BL)	7/19/2017	7/19/2022	Non-Reimbursable	\$0	LaRC	SAA1-25183
837	24848	Test Resources Management Center	Hypersonic Test and Technology Development	4/21/2017	4/21/2022	Reimbursable	-----	LaRC	IA1-24848
838	24799	Johns Hopkins University	Discovery to Market Project	1/24/2017	6/30/2019	Non-Reimbursable	\$6,149	LaRC	SAA1-24799
839	24738	Gulfstream AerospaceCorporation	Aeroacoustic Research Activities	2/3/2017	2/3/2022	Non-Reimbursable	\$0	LaRC	SAA1-24738

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840	24664	CITY OF HAMPTON	STORAGE OF WEAPONS AND AMMUNITION	3/6/2018	3/31/2019	Non-Reimbursable	\$2,688	LaRC	SAA1-24664
841	24391	Isle of Wight County Public School	High School Students United with NASA to Create Hardware (HUNCH) Program	12/2/2016	12/2/2021	Non-Reimbursable	\$0	LaRC	SAA1-24391
842	24387	York County School District	High School Students United with NASA to Create Hardware (HUNCH) Program	11/29/2016	11/29/2021	Non-Reimbursable	\$0	LaRC	SAA1-24387
843	24364	North Carolina School of Science & Math	High School Students United with NASA to Create Hardware (HUNCH) Program	11/15/2016	11/15/2021	Non-Reimbursable	\$0	LaRC	SAA1-24364
844	24362	Gloucester County Public School District	High School Students United with NASA to Create Hardware (HUNCH) Program	12/6/2016	12/6/2021	Non-Reimbursable	\$0	LaRC	SAA1-24362
845	24257	Hampton City Schools	High School Students United with NASA to Create Hardware (HUNCH) Program	10/21/2016	10/21/2021	Non-Reimbursable	\$0	LaRC	SAA1-24257

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846	24239	New Horizons Regional Education Center	High School Students United with NASA to Create Hardware (HUNCH) Program	10/17/2016	10/17/2021	Non-Reimbursable	\$0	LaRC	SAA1-24239
847	24186	Fayetteville State University	COLLABORATIVE AEROSPACE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	12/15/2016	12/15/2021	Non-Reimbursable	\$0	LaRC	SAA1-24186
848	24122	University of Washington	Technical Interchange on Applications of Data Analytics and Machine Learning in Aerospace Domains	12/5/2016	12/5/2021	Non-Reimbursable	\$0	LaRC	SAA1-24122
849	24034	The Boeing Company	Flight Deck Systems and Operations Research	1/20/2017	1/20/2022	Non-Reimbursable	\$816,127	LaRC	SAA1-24034
850	24017	Textron Aviation, Inc.	Collaborative Agreement Between NASA and Textron Aviation, Inc.	4/5/2017	4/5/2022	Non-Reimbursable	\$0	LaRC	SAA1-24017
851	23957	Newport News Public School District	High School Students United with NASA to Create Hardware (HUNCH) Program	10/24/2016	10/24/2021	Non-Reimbursable	\$0	LaRC	SAA1-23957

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852	23938	Genedge Alliance	Cooperative Research Activities in Manufacturing Technologies	10/7/2016	10/7/2021	Reimbursable	-----	LaRC	SAA1-23938
853	23936	Cellco Partnership d/b/a Verizon Wireless	Inbuilding Radio Distribution Agreement	10/26/2016	10/26/2021	Non-Reimbursable	\$0	LaRC	SAA1-1148, MOD 1
854	23883	The Boeing Company	Annex 5 to ENVIRONMENTALLY RESPONSIBLE AIR VEHICLE CONCEPT RESEARCH	11/15/2016	11/15/2020	Non-Reimbursable	\$10,442	LaRC	SAA1-21157, Annex 5
855	23832	The Boeing Company	Simulation Based Airframe Noise Prediction for Large Civil Transports	2/3/2017	6/3/2019	Non-Reimbursable	\$1,287,198	LaRC	SAA1-23831, Annex 1
856	23831	The Boeing Company	Aerospace Research Development	2/3/2017	2/3/2022	Non-Reimbursable	\$0	LaRC	SAA1-23831
857	23827	Tech Center LLC	Cooperative Research Activities in Manufacturing Technologies	7/5/2017	7/5/2022	Non-Reimbursable	\$0	LaRC	SAA1-23827

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858	23647	Psionic, LLC	Space Technology Commercialization for Measurement and Materials Applications	12/16/2016	12/16/2021	Reimbursable	-----	LaRC	SAA1-23647
859	23579	GenEdge Alliance	Cooperative Research Activities in Manufacturing Technologies	2/23/2017	2/23/2022	Non-Reimbursable	\$0	LaRC	SAA1-23579
860	23461	University of Florida	Collaborative Research, Development,, and Testing	12/12/2016	12/12/2021	Non-Reimbursable	\$0	LaRC	SAA1-23461
861	23399	North Carolina State University	High-Fidelity Model Development for Scramjet Combustor Flowpaths	6/20/2017	6/20/2019	Non-Reimbursable	\$59,299	LaRC	SAA1-23398, Annex 1
862	23398	North Carolina State University	COLLABORATIVE AEROSPACE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	6/20/2017	6/20/2022	Non-Reimbursable	\$0	LaRC	SAA1-23398
863	23392	Virginia Polytechnic Institute and State University	Collaborative Research, Development, and Testing Opportunities	11/16/2016	11/16/2021	Non-Reimbursable	\$0	LaRC	SAA1-23392



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864	23378	Old Dominion University	Augmented Reality: Computer Generated Modeling of NASA's High Value Critical Equipment	8/24/2016	12/7/2019	Non-Reimbursable	\$34,960	LaRC	SAA1-19659, Annex 5
865	23274	The Governor`s School for Science & Technology	STEM Education Collaboration	6/23/2016	6/23/2019	Non-Reimbursable	\$50,075	LaRC	SAA1-23274
866	23227	Materials Research and Design, Inc. MR&D	HIGH TEMPERATURE MATERIALS TECHNICAL SUPPORT	1/4/2017	9/30/2019	Reimbursable	-----	LaRC	SAA1-23227
867	23219	TEXAS A&M ENGINEERING EXPERIMENT STATION	PARTICIPATION IN COOPERATIVE RESEARCH AND DEVELOPMENT PROJECTS	10/31/2016	10/31/2021	Non-Reimbursable	\$70,317	LaRC	SAA1-23219
868	22925	Sierra Nevada Corporation	Engineering Services, Analysis and Testing in support of SNCs Vehicle/Technology Development	9/1/2016	9/1/2021	Reimbursable	-----	LaRC	SAA1-22925
869	22749	Raytheon Corporation	Sensor Risk Reduction Tests	12/21/2016	9/30/2019	Reimbursable	-----	LaRC	SAA1-22746, Annex 1

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870	22747	Dominion Virginia Power	UAV Autonomous Inspection of Transmission Lines	5/31/2016	5/31/2021	Non-Reimbursable	\$0	LaRC	SAA1-22747
871	22746	Raytheon Corporation	Optical Remote Sensing for Space Applications in Robotics and Surveillance	12/21/2016	12/21/2021	Reimbursable	-----	LaRC	SAA1-22746
872	22628	Southern Company	UAV Autonomous Inspection of Transmission Lines	5/2/2017	5/2/2022	Reimbursable	-----	LaRC	SAA1-22628
873	22625	idoodledu	Support Of The Cubes In Space Initiative	7/22/2016	7/22/2021	Non-Reimbursable	\$30,014	LaRC	SAA1-22625
874	22217	Infrasonix-Inc	Infrasonix Stethoscope Evaluation Over Human Subjects	11/28/2017	11/28/2022	Reimbursable	-----	LaRC	SAA1-22217
875	22064	Huntington Ingalls Incorporated	Manufacturing, Research and Development Activities	10/31/2016	10/31/2021	Reimbursable	-----	LaRC	SAA1-22064

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876	21962	Brookhaven Science Associates, LLC	User Agreement for Brookhaven National Laboratory	12/30/2015	12/30/2020	Non-Reimbursable	\$0	LaRC	SAA1-21962
877	21824	North Carolina Agricultural and Technical University	Collaborative Research, Development, and Testing Opportunities	4/21/2016	4/21/2021	Non-Reimbursable	\$0	LaRC	SAA1-21824
878	21741	Oklahoma State University	COLLABORATIVE AEROSPACE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	2/4/2016	2/4/2021	Non-Reimbursable	\$0	LaRC	SAA1-21741
879	21619	The Boeing Company	AEROSPACE RESEARCH AND DEVELOPMENT	11/20/2015	11/20/2020	Reimbursable	-----	LaRC	SAA1-21619
880	21608	University of Michigan	Umbrella Agreement	4/19/2016	4/19/2021	Non-Reimbursable	\$0	LaRC	SAA1-21608
881	21601	American Airlines, Inc.	Flight Deck Systems and Operations Research	5/20/2016	5/20/2021	Non-Reimbursable	\$183,201	LaRC	SAA1-21601

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882	21594	National Institute of Aerospace	RESEARCH, EDUCATIONAL OUTREACH, AND TESTING ACTIVITIES	11/17/2015	7/1/2019	Reimbursable	-----	LaRC	SAA1-21594
883	21586	Hexcel Corporation	Multiple Degree of Freedom Acoustic Liners	1/5/2016	1/5/2021	Non-Reimbursable	\$0	LaRC	SAA1-21586
884	21560	Carnegie Mellon University	Carnegie Mellon University with NASA Langley Research Center	2/2/2016	2/2/2021	Non-Reimbursable	\$0	LaRC	SAA1-21560
885	21157	The Boeing Company	ENVIRONMENTALLY RESPONSIBLE AIR VEHICLE CONCEPT RESEARCH	12/22/2015	12/22/2020	Non-Reimbursable	\$0	LaRC	SAA1-21157
886	20805	Johns Hopkins University	Collaboration to Identify Technical Areas of Mutual Interest	12/16/2015	12/16/2020	Non-Reimbursable	\$0	LaRC	SAA1-20805
887	20689	Mississippi State University	COLLABORATIVE AEROSPACE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	9/17/2015	9/17/2020	Non-Reimbursable	\$0	LaRC	SAA1-20689

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888	20618	Arx Pax	Research and Development of Magnetic Architectures and Other Technologies	7/30/2015	7/30/2020	Non-Reimbursable	\$0	LaRC	SAA1-20618
889	20442	Spectral Energies, LLC	High-Speed, Noninvasive, Multi-Parameter Laser Diagnostics for Transonic Flows	8/5/2015	6/30/2019	Non-Reimbursable	\$58,376	LaRC	SAA1-20442
890	20407	Opto-Knowledge Systems, Inc.	Optical Remote Sensing and Sensor Directed Flight of NASA Related Activities	5/27/2015	5/27/2020	Reimbursable	-----	LaRC	SAA1-20407
891	20096	iQ4 Limited Liability Corporation	Development of Science, Technology, Engineering, and Mathematics Capable Workforce	5/5/2015	5/5/2020	Non-Reimbursable	\$149,444	LaRC	SAA1-20096
892	19829	Northrop Grumman Systems Corporation	U.S. Government-Related Aerospace Technology Development	5/5/2015	5/5/2020	Reimbursable	-----	LaRC	SAA1-19829
893	19693	The Virginia Air and Space Center and City of Hampton	A Joint Public Lecture Series Entitled The Sigma Series	4/14/2015	4/14/2020	Non-Reimbursable	\$106,069	LaRC	SAA1-19693

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894	19659	Old Dominion University	COLLABORATIVE RESEARCH, DEVELOPMENT, AND TESTING	8/5/2015	8/5/2020	Non-Reimbursable	\$0	LaRC	SAA1-19659
895	19466	Virginia Department of Environmental Quality	Air Quality Monitoring Site	4/9/2015	4/9/2020	Non-Reimbursable	\$30,209	LaRC	IA1-19466
896	19401	Wake County Public School System	High School Students United with NASA to Create Hardware (HUNCH) Program	3/16/2015	3/16/2020	Non-Reimbursable	\$0	LaRC	SAA1-19401
897	19395	Poquoson City School District	High School Students United with NASA to Create Hardware (HUNCH) Program	1/15/2015	1/15/2020	Non-Reimbursable	\$0	LaRC	SAA1-19395
898	19388	Jimmie Johnson Racing II, Inc,	Support of The NASA Educator Professional Development	5/6/2015	5/6/2020	Non-Reimbursable	\$43,244	LaRC	SAA1-19388
899	18750	Space Exploration Technologies Corp.	SpaceX Ground Winds Load (GWL) Data Set for Incorporation and Improving NASA GWL Computations	6/5/2015	10/1/2019	Non-Reimbursable	\$75,987	LaRC	SAA1-18750

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900	18617	United Technologies Corporation	Aerospace Research and Development	8/6/2015	8/6/2020	Reimbursable	-----	LaRC	SAA1-18617
901	18124	University of South Carolina	RESEARCH REGARDING ADVANCED STRUCTURES AND MATERIALS	6/27/2014	6/26/2019	Non-Reimbursable	\$0	LaRC	SAA1-18124
902	17903	Dragonfly Pictures, Inc.	Unmanned Aircraft System Certification Study	5/29/2014	5/29/2019	Non-Reimbursable	\$2,308,590	LaRC	SAA1-17902, Annex 1
903	17902	Dragonfly Pictures, Inc.	Research and Development of Aerospace Technologies for Unmanned Aircraft	5/29/2014	5/29/2019	Non-Reimbursable	\$0	LaRC	SAA1-17902
904	17877	UNIVERSITY OF NORTH DAKOTA	NEW RESEARCH AND DEVELOPMENT OF AEROSPACE TECHNOLOGIES for UAS	7/2/2014	7/2/2019	Non-Reimbursable	\$0	LaRC	SAA1-17877
905	17745	National Institute of Aerospace	Continuity of Operations Support	7/2/2014	7/2/2019	Non-Reimbursable	\$0	LaRC	SAA1-17745

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906	17595	Virgin Galactic Corporation	Launch Vehicle and Space System Support	6/17/2014	6/16/2019	Reimbursable	-----	LaRC	SAA1-17595
907	17058	College of William and Mary	Dissemination of NASA Technologies for Business and Commercialization Studies	7/8/2014	7/8/2019	Non-Reimbursable	\$42,766	LaRC	SAA1-1409
908	15634	Jacobs Technology, Incorporated	Marketing of Langley Research Center Wind Tunnel Testing Capability	7/27/2015	7/27/2020	Reimbursable	-----	LaRC	SAA1-15634
909	11342	BNNT LLC	Development and Optimization of Boron Nitride Nanotubes	8/6/2014	8/6/2019	Non-Reimbursable	\$65,818	LaRC	SAA1-1194, Annex 1
910	11341	BNNT LLC	Development and optimization of Boron Nitride Nanotubes	8/6/2014	8/6/2019	Non-Reimbursable	\$0	LaRC	SAA1-1194
911	7086	Virginia State Historic Preservation Office	Management of facilities, infrastructure, and site at NASA LaRC	1/15/2010	1/15/2020	Non-Reimbursable	-----	LaRC	SAA1-1030



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912	30005	AEROJET ROCKETDYNE, INC	Provide propulsion hardware to Colorado Springs for display at conference	3/28/2019	3/28/2020	Reimbursable	-----	MSFC	SAA8-1725910.5
913	29460	RUAG Space USA, Inc	Ruag Enginnering Services	1/24/2019	1/24/2020	Reimbursable	-----	MSFC	SAA8-1829459.1
914	29459	RUAG Space USA, Inc	Raug Engineering Services	1/24/2019	1/24/2024	Reimbursable	-----	MSFC	SAA8-1829459
915	29285	Martin Bencher USA LLC	Martin Bencher USA LLC	1/1/2019	9/30/2019	Reimbursable	-----	MSFC	SAA8-1929285
916	29279	Manned Space Flight Education Foundation Inc.	The Centennial Challenges Space Robotics Challenge	3/5/2019	3/5/2022	Non-Reimbursable	\$451,413	MSFC	SAA8-1829279
917	29040	BLUE ORIGIN, LLC	Blue Origin LLE TCA	3/6/2019	3/6/2020	Reimbursable	-----	MSFC	SAA8-1829040

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918	28987	Merrimack College	COLLABORATION WITH MERRIMACK COLLEGE	2/5/2019	2/5/2020	Non-Reimbursable	\$22,413	MSFC	SAA8-1828987
919	28843	U.S. Space & Rocket Center	2019 NASA Human Exploration Rover Challenge	2/26/2019	2/26/2020	Reimbursable	-----	MSFC	SAA8-1828843
920	28578	BLUE ORIGIN, LLC	Hydrogen Embrittlement Testing	11/7/2018	11/7/2020	Reimbursable	-----	MSFC	SAA8-1725986.11
921	28565	BLUE ORIGIN, LLC	annex to Exchange of Technical Expertise for commercial space transportation	10/29/2018	10/29/2020	Reimbursable	-----	MSFC	SAA8-1725986.10
922	28522	PARSONS GOVERNMENT SERVICES, INC	PRESSURE CHAMBER TESTS	12/20/2018	12/20/2019	Reimbursable	-----	MSFC	SAA8-1828522
923	28500	OBERLIN COLLEGE	Fireball Network Station at Oberlin College	8/7/2018	8/7/2023	Non-Reimbursable	\$2,268	MSFC	SAA8-1828500

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924	28308	ADVANCED CUTTING SOLUTIONS, LLC	ADVANCED CUTTING SOLUTIONS L.L.C.	7/12/2018	9/30/2022	Reimbursable	-----	MSFC	SAA8-1828308
925	28305	Virgin Orbit, LLC	Testing Support for LOX/RP Chambers	8/7/2018	8/7/2020	Reimbursable	-----	MSFC	SAA8-1725209.3
926	28276	St. Bernard Sheriffs Department	St Bernard Sheriffs Department	7/12/2018	7/12/2023	Non-Reimbursable	\$2,932	MSFC	SAA8-1828276
927	28081	Haigh-Farr, Inc.	Haigh-Farr UHF Blade TPS Testing @ HGF	7/16/2018	7/16/2019	Reimbursable	-----	MSFC	SAA8-1828081
928	28065	BLUE ORIGIN, LLC	Specialized Engineering Services	7/18/2018	7/18/2020	Reimbursable	-----	MSFC	SAA8-1725986.9
929	28013	CITY OF NEW ORLEANS, LA	City of New Orleans, LA Temporary Emergency Shelter for City Employees at MAF	3/28/2019	3/28/2024	Non-Reimbursable	\$137,705	MSFC	SAA8-1828013

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930	27992	DYNETICS, INC	Advanced Manufacturing of Liquid Rocket Engines	7/3/2018	7/3/2019	Non-Reimbursable	\$18,553	MSFC	SAA8-1827992
931	27934	UNIVERSITY OF PITTSBURGH	Fireball Network Station at Allegheny Observatory	10/4/2018	10/4/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827934
932	27828	DYNETICS, INC	Small, Affordable, High Performance Liquid Propellant Rocket Engine Development	5/11/2018	5/11/2021	Reimbursable	-----	MSFC	SAA8-1827828
933	27809	BLUE ORIGIN, LLC	Blue Origin Hot Gas Testing of Materials @ Hot Gas Test Facility	6/19/2018	6/19/2019	Reimbursable	-----	MSFC	SAA8-1725986.8
934	27805	The University of Alabama	annex to Synergistic Technologies Support	5/25/2018	5/25/2019	Non-Reimbursable	\$8,499	MSFC	SAA8-1519292.4
935	27801	Hands-On Science Center	Fireball Network Station	5/31/2018	5/31/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827801

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936	27799	HIRAM COLLEGE	Fireball Network Station at Hiram College	5/25/2018	5/25/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827799
937	27793	AEROJET ROCKETDYNE, INC	Engine System Material in Collaboration with the AR-22 Project	5/23/2018	5/23/2023	Non-Reimbursable	\$75,162	MSFC	SAA8-1827793
938	27713	AEROJET ROCKETDYNE, INC	Annex No. 2 under SAA8-1725910 for Facility Usage for AR-22 Software Development	3/28/2018	3/28/2021	Reimbursable	-----	MSFC	SAA8-1725910.2
939	27702	LOCKHEED MARTIN	WIND TUNNEL TESTING	5/22/2018	5/22/2023	Reimbursable	-----	MSFC	SAA8-1827702
940	27665	Orbital Sciences Corporation, a wholly owned subsidiary of Orbital ATK	Annex 5 under Space Act Umbrella Agreement No. SAA8-1726082 for demand services at the Michoud Assembly Facility	2/14/2019	6/30/2019	Reimbursable	-----	MSFC	SAA8-1726082.5
941	27664	Orbital Sciences Corporation, a wholly owned subsidiary of Orbital ATK	SAA8-1726082 Annex 4 Facilities for personnel during development of NGL Liquid Upper Stage tanks.	3/20/2018	3/2/2023	Reimbursable	-----	MSFC	SAA8-1726082.4

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942	27659	Laboratory Testing Inc.	Testing and Evaluation of Material Properties in Extreme Environments	10/29/2018	10/29/2021	Reimbursable	-----	MSFC	SAA8-1827658.1
943	27658	Laboratory Testing Inc.	Testing and Evaluation of Material Properties in Extreme Environments	10/29/2018	10/29/2021	Reimbursable	-----	MSFC	SAA8-1827658
944	27597	BLUE ORIGIN, LLC	Annex 4 to Exchange of Technical Expertise for commercial space transportation	10/29/2018	10/29/2019	Reimbursable	-----	MSFC	SAA8-1725986.4
945	27478	Northeast Arkansas Career and Technical Center	Northeast Arkansas Career and Technical Center / High Schools United with NASA to Create Hardware (HUNCH) Program.	2/27/2018	2/27/2023	Non-Reimbursable	\$70,471	MSFC	SAA8-1827478
946	27416	U.S. Space & Rocket Center	2018 NASA Human Exploration Rover Challenge	4/5/2018	4/5/2019	Reimbursable	-----	MSFC	SAA8-1827416
947	27307	Raytheon Missile Systems	Raytheon Wind Tunnel Testing	2/21/2018	2/21/2020	Reimbursable	-----	MSFC	SAA8-1725553.2

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948	27244	United Launch Alliance	ULA Vulcan Upper Stage Test	2/21/2018	2/21/2021	Reimbursable	-----	MSFC	SAA8-1726580.3
949	27195	Cimarron Composites	Cimarron Composites for Developing Advanced Technology For Engine Components	3/14/2018	3/14/2020	Reimbursable	-----	MSFC	SAA8-1827194.1
950	27194	Cimarron Composites	Cimarron Composites for Developing Advanced Technology For Engine Components	3/14/2018	3/14/2023	Reimbursable	-----	MSFC	SAA8-1827194
951	26988	Charles Stark Draper Laboratory, Inc.	Commercial Satellite Operations Center Development	6/12/2018	6/12/2023	Reimbursable	-----	MSFC	SAA8-1726988
952	26940	LOCKHEED MARTIN	Lockheed Martin Corporation Commercial	2/1/2018	9/30/2022	Reimbursable	-----	MSFC	SAA8-1826940
953	26939	United Launch Alliance	Annex 2 under SAA8-1726580 for Launch Vehicle Manufacturing and Test Support	12/19/2017	12/19/2019	Reimbursable	-----	MSFC	SAA8-1726580.2

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954	26916	UNITED LAUNCH ALLIANCE	Hydrogen venting hazard analysis for the ULA Vulcan vehicle during operation	1/4/2018	1/4/2020	Reimbursable	-----	MSFC	SAA8-1726915.1
955	26915	UNITED LAUNCH ALLIANCE	Aeroscience analysis of Vulcan vehicle operations	1/4/2018	1/4/2023	Reimbursable	-----	MSFC	SAA8-1726915
956	26820	The MITRE Corporation	Collaboration on Software Tool for Proposal Evaluation	12/19/2017	6/19/2019	Non-Reimbursable	\$351,763	MSFC	SAA8-1726820
957	26805	DECATUR CITY SCHOOLS	Wide-field Meteor Network Station at Ben Davis Magnet Elementary School	1/19/2018	1/19/2023	Non-Reimbursable	\$11,295	MSFC	SAA8-1726805
958	26732	STRATOLAUNCH FEDERAL, INC	Annex 4 under SAA8-1416753 for Independent Technical Assessments	2/5/2019	5/1/2019	Reimbursable	-----	MSFC	SAA8-1416753.4
959	26675	University of Louisiana at Lafayette	Thermophysical Property Testing in the Electrostatic Levitation Facility	2/7/2018	8/7/2019	Reimbursable	-----	MSFC	SAA8-1726675



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960	26657	AUBURN UNIVERSITY	Conceptual Design for Human Support Systems	11/8/2017	11/8/2019	Non-Reimbursable	\$39,150	MSFC	SAA8-1726656.1
961	26656	AUBURN UNIVERSITY	SPACE EXPLORATION TECHNOLOGY DEVELOPMENT	11/8/2017	11/8/2022	Non-Reimbursable	\$0	MSFC	SAA8-1726656
962	26604	Garland Independent School District	Annex 1 to High Schools United with NASA to Create Hardware (HUNCH) Collaboration - Garland Independent School District	11/27/2017	11/27/2022	Non-Reimbursable	\$64,786	MSFC	SAA8-1726603.1
963	26603	Garland Independent School District	High Schools United with NASA to Create Hardware (HUNCH) Collaboration - Garland Independent School District	11/27/2017	11/27/2022	Non-Reimbursable	\$0	MSFC	SAA8-1726603
964	26581	United Launch Alliance	Annex 1 under SAA8-1726580 for Friction Stir Welding Simulators	10/31/2017	10/31/2019	Reimbursable	-----	MSFC	SAA8-1726580.1
965	26580	United Launch Alliance	Launch Vehicle Manufacturing and Test Support	10/31/2017	10/31/2022	Reimbursable	-----	MSFC	SAA8-1726580

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966	26535	Raytheon Missile Systems	Annex 3 to SAA8-1725438 Raytheon testing of weather impact on materials	11/29/2017	11/29/2019	Reimbursable	-----	MSFC	SAA8-1725438.3
967	26328	Orbital ATK, Inc.	Radiation and Atomic Oxygen Exposures of Materials	8/25/2017	8/25/2019	Reimbursable	-----	MSFC	SAA8-1726328
968	26231	THE BOEING COMPANY	Additive Manufacturing Demonstrator Engine (AMDE) Line & Duct Development	1/30/2018	9/30/2019	Non-Reimbursable	\$142,816	MSFC	SAA8-1726231
969	26213	RAYTHEON COMPANY	Annex 2 to SAA8-1725438 with Raytheon; Impact Testign Facility: Micro Ballistic Powder Gun	9/27/2017	9/27/2019	Reimbursable	-----	MSFC	SAA8-1725438.2
970	26149	Morgan County Schools	annex to High Schools United with NASA to Create Hardware (HUNCH) Collaboration - Morgan County Schools	8/9/2017	8/9/2022	Non-Reimbursable	\$61,065	MSFC	SAA8-1726148.1
971	26148	Morgan County Schools	High Schools United with NASA to Create Hardware (HUNCH) Collaboration - Morgan County Schools	8/9/2017	8/9/2022	Non-Reimbursable	\$0	MSFC	SAA8-1726148

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972	26083	Orbital Sciences Corporation, a wholly owned subsidiary of Orbital ATK	Cryogenic System Design and Manufacturing consultation	3/2/2018	3/2/2020	Reimbursable	-----	MSFC	SAA8-1726082.1
973	26082	Orbital Sciences Corporation, a wholly owned subsidiary of Orbital ATK	Cryogenically - Fueled Upper Stage Technologies	3/2/2018	3/2/2023	Reimbursable	-----	MSFC	SAA8-1726082
974	26057	Mt. Pleasant High Schools	Mt. Pleasant High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program.	7/25/2017	7/25/2022	Non-Reimbursable	\$61,065	MSFC	SAA8-1726057
975	26018	Alabama A&M University	Collaborative Agreement for Synergistic Technologies with Alabama A&M University	7/19/2017	7/19/2022	Non-Reimbursable	\$0	MSFC	SAA8-1726018
976	25986	BLUE ORIGIN, LLC	Exchange of Technical Expertise for commercial space transportation	8/30/2017	8/30/2022	Reimbursable	-----	MSFC	SAA8-1725986
977	25911	AEROJET ROCKETDYNE, INC	Annex 1 under SAA8-1725910 for Integration Support	10/3/2017	10/3/2019	Reimbursable	-----	MSFC	SAA8-1725910.1

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978	25910	AEROJET ROCKETDYNE, INC	Space Systems Technology Development and Demonstration	9/29/2017	9/29/2022	Reimbursable	-----	MSFC	SAA8-1725910
979	25627	Vivace Corporation	Vivace Corporation	7/1/2017	6/30/2020	Reimbursable	-----	MSFC	SAA8-1725627
980	25569	Orbital Telemetry, Inc	Telemetry Licensed Test and Modification Activities	7/31/2017	7/31/2022	Reimbursable	-----	MSFC	SAA8-1725569
981	25553	Raytheon Missile Systems	Raytheon Wind Tunnel Testing	6/16/2017	6/16/2022	Reimbursable	-----	MSFC	SAA8-1725553
982	25496	Space Systems Loral, LLC	Annex 9 to Space Environmental Effects Testing Umbrella	5/31/2017	4/17/2019	Reimbursable	-----	MSFC	SAA8-1416293.9
983	25439	Raytheon Missile Systems	SAA8-1725438 Annex 1 for Impact Testing	6/28/2017	6/28/2019	Reimbursable	-----	MSFC	SAA8-1725438.1

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984	25438	Raytheon Missile Systems	Engineering Collaboration	6/28/2017	6/28/2022	Reimbursable	-----	MSFC	SAA8-1725438
985	25325	United Technologies Corp	NASA MSFC requests Loan of Flight Qual Unit - CO2 Compressor and Controller	3/1/2018	3/1/2023	Non-Reimbursable	\$125	MSFC	SAA8-1725325
986	25237	Huntsville City Schools	Annex 4 to NASA-UNIQUE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) ENGAGEMENT ACTIVITIES FOR STUDENTS	6/16/2017	2/6/2020	Non-Reimbursable	\$61,065	MSFC	SAA8-1418954.4
987	25209	Virgin Orbit, LLC	Exchange of Technical Expertise for commercial space transportation	6/9/2017	6/9/2022	Reimbursable	-----	MSFC	SAA8-1725209
988	25202	Dodge County School	Dodge County School - Georgia / High Schools United with NASA to Create Hardware (HUNCH) Program	4/11/2017	4/11/2022	Non-Reimbursable	\$61,065	MSFC	SAA8-1725202
989	25201	Decatur City Schools	Annex 2 to Decatur City Schools HUNCH umbrella - Decatur / High Schools United with NASA to Create Hardware (HUNCH) Program	3/24/2017	1/15/2021	Non-Reimbursable	\$61,065	MSFC	SAA8-1521292.2

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990	25200	Jonesboro High School	Jonesboro High School - Arkansas / High Schools United with NASA to Create Hardware (HUNCH) Program	4/11/2017	4/11/2022	Non-Reimbursable	\$50,610	MSFC	SAA8-1725200
991	25199	Charles Henderson High School	Charles Henderson High School Troy, Alabama / High Schools United with NASA to Create Hardware (HUNCH) Program	4/24/2017	4/24/2022	Non-Reimbursable	\$61,065	MSFC	SAA8-1725199
992	25198	Alan Thornton Career Technical Center	Alan Thornton Career Technical Center Alabama / High Schools United with NASA to Create Hardware (HUNCH) Program	3/24/2017	3/24/2022	Non-Reimbursable	\$61,065	MSFC	SAA8-1725198
993	25168	SPACE SYSTEMS LORAL, LLC	Annex 8 to Space Environmental Effects Testing Umbrella	7/27/2017	4/18/2019	Reimbursable	-----	MSFC	SAA8-1416293.8
994	25152	University of Central Florida	Fireball Network Station at UCF	7/31/2017	7/31/2022	Non-Reimbursable	\$2,555	MSFC	SAA8-1725152
995	25118	Walker County School District by and through the Walker County Board of Education	Fireball Network Station at Smith Planetarium	4/28/2017	4/28/2022	Non-Reimbursable	\$1,420	MSFC	SAA8-1725118

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996	25117	Association of Universities for Research in Astronomy	Fireball Network Station at KPNO	3/30/2017	3/30/2022	Non-Reimbursable	\$2,045	MSFC	SAA8-1725117
997	25108	Oak Ridge Board of Education	Oak Ridge Board of Education for Robertsville Middle School - NASA-UNIQUE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) ENGAGEMENT ACTIVITIES FOR STUDENTS	7/20/2017	7/20/2022	Non-Reimbursable	\$44,516	MSFC	SAA8-1725108
998	25059	Embry-Riddle Aeronautical University	Fireball Network Station at ERAU	7/31/2017	7/31/2022	Non-Reimbursable	\$2,420	MSFC	SAA8-1725059
999	25049	Calhoun Community College	annex to Collaborative Agreement for Synergistic Technologies	5/5/2017	5/21/2020	Non-Reimbursable	\$4,658	MSFC	SAA8-1518413.2
1000	24979	Magnet Cove High School	Magnet Cove High School Arkansas / High Schools United with NASA to Create Hardware (HUNCH) Program	5/1/2017	5/1/2022	Non-Reimbursable	\$61,065	MSFC	SAA8-1724979
1001	24760	The Boeing Company	Aerospace Hardware Testing, Evaluatioin, and related engineering services	3/22/2017	3/22/2022	Reimbursable	-----	MSFC	SAA8-1724760

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1002	24581	Blue Origin, LLC	Blue Origin, LLC Use of the National Center for Advanced Manufacturing (NCAM) at MAF.	1/13/2017	9/30/2021	Reimbursable	-----	MSFC	SAA8-1724581
1003	24525	The Boeing Company	Simulated Rain Impact Testing for Evaluation of a Ceramic Material	4/12/2017	4/12/2019	Reimbursable	-----	MSFC	SAA8-1724525
1004	24271	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	Annex 1 under SAA8-1724270 for Development of High Resolution X-Ray Mandrel	7/25/2017	7/25/2019	Reimbursable	-----	MSFC	SAA8-1724270.1
1005	24270	Lawrence Livermore National Security, LLC	High Resolution X-Ray Optics Support	7/25/2017	7/25/2022	Reimbursable	-----	MSFC	SAA8-1724270
1006	24245	The Museum of Flight	F-1 Engine Loan for Apollo 12 Exhibit	1/13/2017	1/13/2021	Reimbursable	-----	MSFC	SAA8-1624245
1007	24191	Dynamic Concepts, Inc.	Engineering and Test Facility Support	2/8/2017	2/8/2020	Reimbursable	-----	MSFC	SAA8-1624191



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1008	24164	Bradley University	Centennial Challenges 3D Printed Habitat Challenge	9/23/2016	12/31/2019	Non-Reimbursable	\$285,647	MSFC	SAA8-1624164
1009	24134	University of North Alabama	COLLABORATION WITH UNIVERSITY OF NORTH ALABAMA'S COLLEGE OF BUSINESS AND THE COLLEGE OF ARTS AND SCIENCES	2/7/2017	2/7/2020	Non-Reimbursable	\$20,638	MSFC	SAA8-1624134
1010	23999	Florida Turbine Technologies, Inc.	Propulsion System Elements Development and Analysis	10/20/2016	10/20/2021	Reimbursable	-----	MSFC	SAA8-1623999
1011	23799	Arizona Board of Regents, On Behalf of University of Arizona	Fireball Network Station at MMTO	10/27/2016	10/27/2021	Non-Reimbursable	\$2,045	MSFC	SAA8-1623799
1012	23798	Arizona Board of Regents on behalf of The University of Arizona	Fireball Network Station at MLO	10/27/2016	10/27/2021	Non-Reimbursable	\$2,045	MSFC	SAA8-1623798
1013	23538	ARCTIC SLOPE	Artic Slope Technical Services - Annex 2	8/4/2016	4/30/2019	Reimbursable	-----	MSFC	SAA8-1521965.2

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1014	23444	Auburn University	COLLABORATIVE AGREEMENT FOR SYNERGISTIC TECHNOLOGIES	10/21/2016	10/21/2021	Non-Reimbursable	\$0	MSFC	SAA8-1623444
1015	22999	Teledyne Brown Engineering, Inc. Space Systems	Launch Vehicle Stage Adapter Manufacturing Support	8/2/2016	8/1/2021	Reimbursable	-----	MSFC	SAA8-1622999
1016	22825	Dynetics Corporation	Small, Affordable, High Performance Liquid Propellant Rocket Engine Development	7/19/2016	7/16/2019	Non-Reimbursable	\$480,812	MSFC	SAA8-1622825
1017	22752	Marshall Child Development Center Inc.	Marshall Child Development Center	7/14/2016	7/14/2021	Non-Reimbursable	\$819,115	MSFC	SAA8-1622752
1018	22716	New Mexico State University	Fireball Network Station	7/14/2016	7/14/2021	Non-Reimbursable	\$1,495	MSFC	SAA8-1622716
1019	22662	Space Exploration Technologies Corp.	SpaceX Commercial Crew Transportation Capability (CCtCap) Task Plan 2	4/28/2016	9/30/2020	Reimbursable	-----	MSFC	CCtCap8-1622662

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1020	22641	Exquadrum, Inc	Exquadrum Risk-Reduction testing of the dual expander short-length aerospike upper stage engine	4/22/2016	4/22/2019	Non-Reimbursable	\$1,497,526	MSFC	SAA8-1622641
1021	22603	UP Aerospace	Nanosatellite and Suborbital Reusable Launch System Development	5/31/2016	5/31/2019	Non-Reimbursable	\$1,000,000	MSFC	SAA8-1622603
1022	22487	Blade Dynamics, LLP	Blade Dynamics, LLP Occupancy and Demand Services	8/31/2016	8/31/2021	Reimbursable	-----	MSFC	SAA8-1622487
1023	21965	Arctic Slope Technical Services, Inc.	Launch vehicle propulsion technology development	4/25/2016	4/25/2021	Reimbursable	-----	MSFC	SAA8-1521965
1024	21725	Alabama A & M University	Collaboration with Alabama A & M UniversityMBA Program	5/15/2016	5/15/2019	Non-Reimbursable	\$20,639	MSFC	SAA8-1521725
1025	21667	ATK Launch Systems Inc.	Annex No. 5 under SAA8-1520521 for Developing Advanced Technology for Engine Components Support	12/21/2015	7/31/2020	Reimbursable	-----	MSFC	SAA8-1520521.5

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1026	21657	Lawrence Livermore National Security, LLC	HIGH RESOLUTION FOCUSING OPTICS FOR ADVANCED PLASMA DIAGNOSTICS	4/14/2016	4/14/2021	Reimbursable	-----	MSFC	SAA8-1521657
1027	21631	Tellus Science Museum	Fireball Network Station	12/21/2015	12/21/2020	Non-Reimbursable	\$2,053	MSFC	SAA8-1521631
1028	21591	Limestone County Schools	Limestone County Career Technical Center annex 1 - Limestone County Schools / High Schools United with NASA to Create Hardware (HUNCH) Program	2/3/2017	2/3/2022	Non-Reimbursable	\$27,777	MSFC	SAA8-1521590.1
1029	21590	Limestone County Schools	Limestone County Schools / High Schools United with NASA to Create Hardware (HUNCH) Program umbrella	2/3/2017	2/3/2022	Non-Reimbursable	\$0	MSFC	SAA8-1521590
1030	21529	Laurell High School	Laurell High School - Montana / High Schools United with NASA to Create Hardware (HUNCH) Program	11/13/2015	11/13/2020	Non-Reimbursable	\$27,777	MSFC	SAA8-1521529
1031	21524	Breckinridge County Area Technology Center	Breckinridge County Area Technology Center - Kentucky / High Schools United with NASA to Create Hardware (HUNCH) Program	2/29/2016	2/28/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521524

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1032	21522	Lincoln County High School	Lincoln County High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program	11/19/2015	11/19/2020	Non-Reimbursable	\$27,777	MSFC	SAA8-1521522
1033	21435	Hazel Green High School	annex2 Hazel Green High School - Madison County Schools / High Schools United with NASA to Create Hardware (HUNCH) Program	1/13/2016	1/13/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521294.2
1034	21380	Methuselah Foundation	Centennial Challenges for The Tissue Engineering Challenge	2/17/2016	12/31/2019	Non-Reimbursable	\$30,000	MSFC	SAA8-1521380
1035	21356	Gulfport High School - Mississippi	Gulfport High School - Mississippi / High Schools United with NASA to Create Hardware (HUNCH) Program	11/16/2015	11/16/2020	Non-Reimbursable	\$27,777	MSFC	SAA8-1521356
1036	21355	East Central High School - Mississippi	East Central High School - Mississippi / High Schools United with NASA to Create Hardware (HUNCH) Program	6/2/2016	6/2/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521355
1037	21348	Hancock County Career Technical Center	Hancock County Career Technical Center - Mississippi / High Schools United with NASA to Create Hardware (HUNCH) Program	4/18/2016	4/18/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521348

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1038	21298	Madison City Schools	Annex 2 James Clemens High School - Madison City Schools / High Schools United with NASA to Create Hardware (HUNCH) Program	2/29/2016	2/28/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521296.2
1039	21297	Madison City Schools	Annex 1 Bob Jones High School - Madison City School (HUNCH) High Schools United with NASA to Create Hardware program	2/29/2016	2/28/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521296.1
1040	21296	Madison City Schools	Madison City Schools HUNCH umbrella / High Schools United with NASA to Create Hardware (HUNCH) Program	2/29/2016	2/28/2021	Non-Reimbursable	\$0	MSFC	SAA8-1521296
1041	21295	Madison County Schools	annex1 Sparkman High School - Madison County Schools / High Schools United with NASA to Create Hardware (HUNCH) Program	1/13/2016	1/13/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521294.1
1042	21294	Madison County Schools	Madison County Schools HUNCH umbrella / High Schools United with NASA to Create Hardware (HUNCH) Program	1/13/2016	1/13/2021	Non-Reimbursable	\$0	MSFC	SAA8-1521294
1043	21293	Decatur City Schools	annex 1 Austin High School - Decatur City Schools / High Schools United with NASA to Create Hardware (HUNCH) Program	1/15/2016	1/15/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521292.1

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1044	21292	Decatur City Schools	Decatur City Schools HUNCH umbrella / High Schools United with NASA to Create Hardware (HUNCH) Program	1/15/2016	1/15/2021	Non-Reimbursable	\$0	MSFC	SAA8-1521292
1045	21290	Hewitt-Trussville High School	Hewitt-Trussville High School / High Schools United with NASA to Create Hardware (HUNCH) Program	1/13/2016	1/13/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521290
1046	21289	Lusher Charter High School	Lusher Charter High School / High Schools United with NASA to Create Hardware (HUNCH) Program	6/2/2016	6/2/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521289
1047	21288	McGavock High School	McGavock High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program	11/2/2015	11/2/2020	Non-Reimbursable	\$27,777	MSFC	SAA8-1521288
1048	21276	Jackson County Schools	Earnest Pruet Center of Technology annex 1 - Jackson County School / High Schools United with NASA to Create Hardware (HUNCH) Program	12/5/2015	12/5/2020	Non-Reimbursable	\$27,777	MSFC	SAA8-1521275.1
1049	21275	Jackson County Schools	Jackson County School Hunch Umbrella / High Schools United with NASA to Create Hardware (HUNCH) Program	12/5/2015	12/5/2020	Non-Reimbursable	\$0	MSFC	SAA8-1521275

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1050	21263	Huntsville Center for Technology	Huntsville Center for Technology Annex 3 - Huntsville City Schools HUNCH	1/25/2016	1/25/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1418954.3
1051	21066	South Dakota State University	Synergistic Technologies Support	3/28/2016	3/28/2021	Non-Reimbursable	\$0	MSFC	SAA8-1521066
1052	21057	Lockheed Martin Corporation	annex to Lockheed Martin Corporation Orion Project	10/1/2015	10/1/2020	Reimbursable	-----	MSFC	SAA8-1620107.1
1053	21051	Beau Chene High School	Beau Chene High School - Louisiana / High Schools United with NASA to Create Hardware (HUNCH) Program	1/16/2016	1/16/2021	Non-Reimbursable	\$27,777	MSFC	SAA8-1521051
1054	20961	BK Manufacturing, Inc.	BK Manufacturing, Inc. for facility space and standard institutional support services at MAF	9/15/2015	9/15/2020	Reimbursable	-----	MSFC	SAA8-1620961
1055	20906	Lockheed Martin Corporation	Lockheed Martin Corporation Annex 3 for support services	10/1/2015	10/1/2020	Reimbursable	-----	MSFC	SAA8-1620107.3



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1056	20901	Lockheed Martin Corporation	Lockheed Martin Corporation Annex 2 for support services Orion Tooling Installation	10/1/2015	10/1/2020	Reimbursable	-----	MSFC	SAA8-1620107.2
1057	20799	ATK Launch Systems Inc.	DESLA Aerospike Engine Design and Analysis for Additive Manufacturing Activities	10/5/2015	7/31/2020	Reimbursable	-----	MSFC	SAA8-1520521.3
1058	20697	Auburn University	Synergistic Technologies Support	7/30/2015	7/30/2020	Reimbursable	-----	MSFC	SAA8-1520697
1059	20579	University of North Georgia	Fireball Network Station	8/17/2015	8/17/2020	Non-Reimbursable	\$1,500	MSFC	SAA8-1520579
1060	20538	HARMONIC, INC	Ultra-High Definition Channel Support	7/14/2017	7/15/2019	Non-Reimbursable	\$12,797	MSFC	SAA8-1520538
1061	20521	ATK Launch Systems Inc.	Developing Advanced Technology for Engine Components	7/31/2015	7/31/2020	Reimbursable	-----	MSFC	SAA8-1520521

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1062	20107	Lockheed Martin Corporation	Lockheed Martin Corporation Orion Project	10/1/2015	10/1/2020	Reimbursable	-----	MSFC	SAA8-1620107
1063	20023	Athens City Schools	Athens City Schools Umbrella	7/27/2015	7/27/2020	Non-Reimbursable	\$0	MSFC	SAA8-1520023
1064	19855	Quantum Machines LLC	Advanced Propulsion Theory and Experimentation	7/1/2015	7/1/2020	Reimbursable	-----	MSFC	SAA8-1519855
1065	19684	Huntsville City Schools	Grissom High School / High Schools United with NASA to Create Hardware (HUNCH) Program	6/15/2015	2/6/2020	Non-Reimbursable	\$4,956	MSFC	SAA8-1418954.2
1066	19465	Ochsner Clinic Foundation	Ochsner Clinic Foundation providing on-site medical services	11/1/2016	11/1/2021	Reimbursable	-----	MSFC	SAA8-1619465
1067	19384	Mechelen, LLC	Mechelen, LLC access to the National Center for Advanced Manufacturing (NCAM)	1/16/2015	1/16/2020	Reimbursable	-----	MSFC	SAA8-1519384

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1068	19375	United Technologies Aerospace Systems	Environmental Control and Life Support Technology Development	12/21/2015	12/21/2020	Non-Reimbursable	\$0	MSFC	SAA8-1519375
1069	19300	Stratasys Direct Manufacturing	Engineering and Material Test Services	1/20/2015	1/20/2020	Reimbursable	-----	MSFC	SAA8-1519300
1070	19295	Valcor Engineering	Engineering Services	12/12/2014	12/12/2019	Reimbursable	-----	MSFC	SAA8-1419295
1071	19292	The University of Alabama	Synergistic Technologies Support	7/8/2015	7/8/2020	Non-Reimbursable	\$0	MSFC	SAA8-1519292
1072	19253	U.S Space and Rocket Center	SHARED EXHIBIT EFFORTS	6/23/2016	6/23/2021	Reimbursable	-----	MSFC	SAA8-1519253
1073	19100	Teledyne Brown Engineering, Inc.	Environmental Testing	11/6/2014	11/6/2019	Reimbursable	-----	MSFC	SAA8-1419100

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1074	19055	ATK Aerospace Group	Developing Advanced Technology for Engine Components	11/20/2014	11/20/2019	Reimbursable	-----	MSFC	SAA8-1419055
1075	18955	Huntsville City Schools	Annex 1 under SAA8-1418954 for Educational Professional Development	2/10/2015	2/6/2020	Non-Reimbursable	\$1,235	MSFC	SAA8-1418954.1
1076	18954	Huntsville City Schools	NASA-Unique Science, Technology, Engineering, and Mathematics (STEM) Engagement Activities for Students	2/6/2015	2/6/2020	Non-Reimbursable	\$0	MSFC	SAA8-1418954
1077	18751	Bangham Engineering Incorporated	Analysis and Testing for Launch Vehicles and Related Systems	10/12/2014	10/12/2019	Reimbursable	-----	MSFC	SAA8-1418751
1078	18640	Cellco Partnership d/b/a Verizon Wireless	Operation of Telecommunications Antenna	11/19/2014	11/19/2019	Reimbursable	-----	MSFC	SAA8-1418640
1079	18537	Firefly Space Systems	Launch Vehicle Support and Analysis	9/9/2014	9/9/2019	Reimbursable	-----	MSFC	SAA8-1418537

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1080	18413	Calhoun Community College	Collaborative Agreement for Synergistic Technologies	5/21/2015	5/21/2020	Non-Reimbursable	\$0	MSFC	SAA8-1518413
1081	17703	The Planetary Society	Annex 1 under SAA8-1417702 for Solar Sail Support	10/21/2014	10/21/2019	Non-Reimbursable	\$69,090	MSFC	SAA8-1417702.1
1082	17702	The Planetary Society	Solar Sail Support	10/21/2014	10/21/2019	Non-Reimbursable	\$0	MSFC	SAA8-1417702
1083	17574	Teledyne Brown Engineering, Inc.	Testing and Manufacturing Support	7/21/2014	7/21/2019	Reimbursable	-----	MSFC	SAA8-1417574
1084	17447	Inter American University of Puerto Rico-Bayamon Campus	For Collaborative Agreement for Synergistic Technologies	6/25/2014	6/25/2019	Non-Reimbursable	\$0	MSFC	SAA8-1417447
1085	17408	Destination Imagination, Inc.	Space Act Agreement Between Destination Imagination, Inc. and NASA	6/7/2014	6/7/2019	Non-Reimbursable	\$0	MSFC	SAA8-1417408

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1086	17403	UNIVERSITY OF ALABAMA IN HUNTSVILLE	Collaborative Agreement for Synergistic Technologies	8/6/2014	8/6/2019	Non-Reimbursable	\$16,488	MSFC	SAA8-1417402.1
1087	17402	UNIVERSITY OF ALABAMA IN HUNTSVILLE	Collaborative Agreement for Synergistic Technologies	8/6/2014	8/6/2019	Non-Reimbursable	\$0	MSFC	SAA8-1417402
1088	17373	Space Exploration Technologies Corp.	Launch Vehicle Development Support	4/3/2015	4/3/2020	Reimbursable	-----	MSFC	SAA8-1517373
1089	16753	STRATOLAUNCH FEDERAL, INC.	Engineering Support	2/5/2019	5/1/2019	Reimbursable	-----	MSFC	SAA8-1416753
1090	16330	Textron Marine and Land Systems	Textron Marine and Land Systems for facility space and demand services from NASA at the Michoud Assembly Facility.	1/15/2014	6/30/2019	Reimbursable	-----	MSFC	SAA8-1416330
1091	16293	Space Systems Loral, LLC	Space Environmental Effects Testing Umbrella	4/18/2014	4/18/2019	Reimbursable	-----	MSFC	SAA8-1416293

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1092	15267	New Cingular Wireless PCS, LLC a Del LLC, d/b/a cingular Wireless by Merger to Tritel Comm, LLC	Placement of Telecommunications Antenna on Building 4476	4/1/2014	4/1/2019	Reimbursable	-----	MSFC	SAA8-1315267
1093	14517	Westmoreland Mechanical Testing and Research, Incorporated	Testing and Evaluation of Material Properties in Extreme Environments	11/5/2014	11/5/2019	Reimbursable	-----	MSFC	SAA8-1414157
1094	4165	University of New Orleans Research and Technology Foundation, Inc.	Cooperative Endeavor Agreement University of New Orleans Research & Technology Foundation, Inc.	12/18/2007	12/18/2037	Non-Reimbursable	-----	MSFC	SAA8-074165
1095	29056	Aerojet Rocketdyne of DE, Inc.	Annex Eleven to Reimbursable Space Act Umbrella to provide testing and related support services to AR to support development of future launch systems.	9/14/2018	3/22/2021	Reimbursable	-----	SSC	SSAA-1053-0156
1096	28335	BLUE ORIGIN, LLC	Blue Origin Annex One Propulsion Related Engineering Support Services and Assessments	6/29/2018	6/29/2020	Reimbursable	-----	SSC	SSAA-1053-0155
1097	28334	BLUE ORIGIN, LLC	Blue Origin Umbrella Rocket Propulsion Testing and Related Services	6/29/2018	6/29/2023	Reimbursable	-----	SSC	SSAA-1053-0154

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1098	27897	STRATOLAUNCH SYSTEMS CORP	Annex Two to Reimbursable Space Act Umbrella Agreement Between The National Aeronautics and Space Administration John C. Stennis Space Center and Stratolaunch Systems Corporation for Propulsion Testing Support	5/11/2018	5/11/2022	Reimbursable	-----	SSC	SSAA-1053-0153
1099	27669	THE BOEING COMPANY	Annex Two Provide Use of the A-1 Test Stand and related support systems/facilities to support Boeing's Experimental Spaceplane (XSP) program and associated AR22 Engine Propulsion System	3/30/2018	3/30/2020	Reimbursable	-----	SSC	SSAA-1053-0151
1100	27516	STATE OF MISSISSIPPI	Use of NASA facilities and services in support of the Mississippi Technology Transfer Office	4/9/2018	4/19/2023	Reimbursable	-----	SSC	SSAA-1051-0077
1101	27334	THE BOEING COMPANY	Annex One to Reimbursable Agreement for Engineering Support and Planning Assessments	3/21/2018	3/21/2020	Reimbursable	-----	SSC	SSAA-1053-0150
1102	27333	THE BOEING COMPANY	Reimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration, John C. Stennis Space Center and the Boeing Company for engineering, propulsion test and related services	3/21/2018	3/21/2023	Reimbursable	-----	SSC	SSAA-1053-0149
1103	27264	SPACE EXPLORATION TECHNOLOGIES CORP	Annex Seven to Reimbursable Umbrella Space Act Agreement for Launch Vehicle and Space System Support	1/8/2018	12/2/2019	Reimbursable	-----	SSC	SSAA-1053-0147



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1104	27181	AEROJET ROCKETDYNE, INC	Annex Ten to Reimbursable Space Act Umbrella to provide testing and related support services to AR to support development of future launch systems.	12/19/2017	3/22/2021	Reimbursable		----- SSC	SSAA-1053-0146
1105	27180	AEROJET ROCKETDYNE, INC	Annex Nine to Reimbursable Space Act Umbrella to provide testing and related support services to AR to support development of future launch systems.	12/19/2017	3/22/2021	Reimbursable		----- SSC	SSAA-1053-0145
1106	27179	AEROJET ROCKETDYNE, INC	Annex Eight to Reimbursable Space Act Umbrella to provide testing and related support services to AR to support development of future launch systems.	12/19/2017	3/22/2021	Reimbursable		----- SSC	SSAA-1053-0144
1107	27078	Mississippi State Univerisity	Use of Restricted Airspace R-4403B for Unmanned Aircraft Systems Test and Evaluation	3/15/2018	3/15/2020	Non-Reimbursable	\$14,298	SSC	SSAA-1051-0074
1108	26997	Geosyntec Consultants, Inc.	For an environmental remediation demonstration project	1/30/2018	1/30/2021	Non-Reimbursable	\$48,000	SSC	SSAA-1053-0143
1109	26831	RELATIVITY SPACE, INC	Annex Two RSI Services and support at SSC	5/25/2018	5/25/2020	Reimbursable		----- SSC	SSAA-1053-0152

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1110	26815	THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY	CONSOLIDATION OF REMEDIATION ACTIVITIES AT THE JOHN C. STENNIS SPACE CENTER	1/2/2018	1/2/2023	Non-Reimbursable	\$75,000	SSC	SSAA-1051-0073
1111	26430	Hancock County Mississippi	For Hancock County EOC Continuity Site	3/19/2018	3/19/2023	Non-Reimbursable	\$0	SSC	SSAA-1051-0068
1112	26276	STRATOLAUNCH SYSTEMS CORP	Annex One Between the National Aeronautics and Space Administration John C. Stennis Space Center and Stratolaunch Systems, Corporation Under Space Act Umbrella Agreement No. SSAA-1053-0139 for Initial Propulsion Test Project	9/13/2017	9/13/2019	Reimbursable	-----	SSC	SSAA-1053-0140
1113	26275	STRATOLAUNCH SYSTEMS CORP	Reimbursable Space Act Umbrella Agreement Between The National Aeronautics and Space Administration John C. Stennis Space Center and Stratolaunch Systems Corporation for Propulsion Testing Support	9/13/2017	9/13/2022	Reimbursable	-----	SSC	SSAA-1053-0139
1114	26147	Aerojet Rocketdyne of DE, Inc.	Support AR hardware and logistic activites related to the XSP program	3/22/2016	3/22/2021	Reimbursable	-----	SSC	SSAA-1053-0133
1115	25760	The Board of Trustees of Mississippi Institutions of Higher Learning	THE CENTER OF HIGHER LEARNING AND RELATED UNIVERSITY ACTIVITIES	11/29/2017	11/29/2022	Reimbursable	-----	SSC	SSAA-1051-0066

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1116	25723	Aerojet Rocketdyne, Inc.	Support Services for RS-25 Engine Assembly and Test	6/5/2017	5/22/2020	Reimbursable	-----	SSC	SSAA-1053-0129
1117	25252	Innovative Imaging and Research Corporation	Reimbursable Space Act Agreement Between National Aeronautics and Space Administration for Utilization of Satellite Calibration Target at SSC Center Landfill and Controlled Airspace	3/16/2017	3/6/2022	Reimbursable	-----	SSC	SSAA-1053-0128
1118	25029	Aerojet Rocketdyne of DE, Inc.	Annex Six to Reimbursable Space Act Umbrella to provide testing and related support services to AR to support development of future launch systems.	1/27/2017	1/27/2020	Reimbursable	-----	SSC	SSAA-1053-0126
1119	24781	AEROJET ROCKETDYNE, INC	Annex Three to Reimbursable Space Act Umbrella to provide testing and related support services to AR to support development of future launch systems.	12/19/2017	12/19/2020	Reimbursable	-----	SSC	SSAA-1053-0122
1120	23654	Aerojet Rocketdyne of DE, Inc.	Annex Two to Reimbursable Space Act Umbrella to provide testing and related support services to AR to support development of future launch systems.	8/3/2016	8/3/2019	Reimbursable	-----	SSC	SSAA-1053-0119
1121	23377	Relativity Space, Incorporated	Annex One Relativity Space Aeon 1 Engine Start Test Project	8/23/2016	3/31/2020	Reimbursable	-----	SSC	SSAA-1053-0118

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1122	23376	Relativity Space, Incorporated	Reimbursable Space Act Umbrella Agreement Relativity Space Incorporated Aeon 1 Launch Systems Development	8/23/2016	8/23/2020	Reimbursable	-----	SSC	SSAA-1053-0117
1123	23222	Honeywell Internationl Incorporation	Cross-Center Umbrella Agreement to Support NASA Science Technology Engineering and Mathematics (STEM) Education and Outreach	10/7/2016	10/7/2021	Non-Reimbursable	\$0	SSC	SSAA-1053-0114
1124	22554	SPACE EXPLORATION TECHNOLOGIES CORPORATION	Annex Six to Launch Vehicle and Space System Support Umbrella for facility preparation, testing, and related support services.	3/8/2016	12/2/2019	Reimbursable	-----	SSC	SSAA-1053-0110
1125	22308	AEROJET ROCKETDYNE OF DE, INC	Occupancy of Facilities	6/13/2016	6/13/2021	Reimbursable	-----	SSC	SSAA-1053-0112
1126	21866	Louisiana Technology Transfer Office	Louisiana Technology Transfer Office for Occupancy of SSC facilities.	3/17/2016	3/17/2021	Reimbursable	-----	SSC	SSAA-1051-0062
1127	21406	SPACE EXPLORATION TECHNOLOGIES CORPORATION	Annex Five to Reimbursable Umbrella Space Act Agreement for Launch Vehicle and Space System Support	11/6/2015	12/2/2019	Reimbursable	-----	SSC	SSAA-1053-0106

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1128	21278	Aerojet Rocketdyne of DE, Inc.	Annex One Testing and Related Support Services for Preliminary Engineering, Engineering Design, Long-lead Procurement Identification and Initiation of Procurement of Long-Lead Materials	3/22/2016	9/29/2019	Reimbursable	-----	SSC	SSAA-1053-0108
1129	21277	Aerojet Rocketdyne of DE, Inc.	Reimbursable Space Act Umbrella to provide testing and related support services to AR to support development of future launch systems.	3/22/2016	3/22/2021	Reimbursable	-----	SSC	SSAA-1053-0107
1130	20968	Loyola University New Orleans	Nonreimbursable Space Act Agreement for market analysis methodologies for SSC Developed Technologies	11/9/2015	11/9/2020	Non-Reimbursable	\$8,247	SSC	SSAA-1051-0060
1131	18253	Lockheed Martin Corporation	Domestic Reimbursable Space Act Agreement (With Amendments) Between NASA SSC and Lockheed Martin Corporation for Its Division, Lockheed Martin Space Systems Company Concerning Support to the Propulsion, Thermal, and Metrology Center	1/30/2001	1/30/2051	Reimbursable	-----	SSC	SSC/PRI-01-002-06
1132	17996	Power Dynamics, LLC	Fully Reimbursable Space Act Agreement Between NASA SSC and Power Dynamics, LLC for Occupancy of Facilities	6/13/2011	6/13/2019	Reimbursable	-----	SSC	SSAA-1053-0054
1133	16044	SPACE EXPLORATION TECHNOLOGIES CORPORATION	Reimbursable Umbrella Space Act Agreement for Launch Vehicle and Space System Support	12/2/2013	12/2/2019	Reimbursable	-----	SSC	SSAA-1053-0096

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1134	11567	Infinity Science Center, Inc.	Nonreimbursable Space Act Agreement Between for Operation of Infinity at Stennis Space Center	1/10/2012	1/10/2032	Non-Reimbursable	-----	SSC	SSAA-1053-0044
1135	4864	Mississippi State University	Reimbursable Space Act Agreement Between National Aeronautics and Space Administration John C. Stennis Space Center and Mississippi State University and Mississippi State University Research & Technology Corporation for the Northern Gulf Institute	1/22/2009	1/22/2024	Reimbursable	-----	SSC	SSAA-1051-0034
1136	3110	Rolls-Royce North America, Inc.	Domestic Reimbursable Space Act Agreement Between NASA SSC and Rolls-Royce North America, Inc. for Testing at the H1 Complex by Rolls-Royce North America, Inc.	6/13/2005	6/13/2020	Reimbursable	-----	SSC	SSAA-1053-0015
1137	3094	Aerojet Rocketdyne of DE, Inc.	Reimbursable Space Act Agreement RS-68 Engine Test Program (includes ADDENDUMS) at B-1	5/18/1998	5/16/2023	Reimbursable	-----	SSC	SSC/PRI-98-005-03
1138	2566	Aerojet Rocketdyne of DE, Inc.	Operation of E-6 Government-Owned Engine Test Facility in Florida	6/29/2007	6/16/2022	Non-Reimbursable	-----	SSC	SSAA-1053-0033
1139	29416	Virginia commercial Space Flight Authority	Individual Support Annex GSFC-97-1966-B020 for Northrup Grumman 12	2/7/2019	8/6/2020	Reimbursable	-----	WFF	GSFC-97-1966

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1140	28716	Virginia commercial Space Flight Authority	Individual Support Annex GSFC-97-1966-B018 for Northrup Grumman 11	9/28/2018	3/28/2020	Reimbursable	-----	WFF	GSFC-97-1966-B018
1141	28618	Vector Launch, Inc.	Flight Safety Analysis for Launch Vehicle	11/13/2018	11/13/2021	Reimbursable	-----	WFF	
1142	25827	University of Massachusetts, Lowell	Further Development of Technology to Support the CubeSat Arcsecond Pointing System (CAPS)	10/26/2017	10/26/2019	Non-Reimbursable	\$15,000	WFF	GSFC-17-25827
1143	25541	V A COMMERCIAL SPACE FLIGHT AUTHORITY	Operations and Activities for the Unmanned Aerial System Runway	1/9/2018	1/9/2023	Reimbursable	-----	WFF	
1144	25526	VIRGINIA SPACE FLIGHT ACADEMY	Outreach Activities	6/7/2017	6/6/2022	Non-Reimbursable	\$4,083	WFF	GSFC-17-25526
1145	25089	Cornell University	CISLUNAR Explorer Orbit Confirmation	6/7/2017	6/7/2021	Reimbursable	-----	WFF	GSFC-17-25089

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1146	25048	GULFSTREAM AEROSPACE CORP	Water Ingestion Testing	4/13/2017	4/13/2022	Reimbursable	-----	WFF	GSFC-17-25048
1147	21941	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Microsized Microwave Atmospheric Satellite 2 (MICROMAS-2) CubeSat Groundstation Services	4/15/2016	4/15/2020	Reimbursable	-----	WFF	GSFC-15-21941
1148	9404	Accomack County Department of Public Safety	Joint Emergency Planning, Response, and Management Activities at the Wallops Flight Facility	10/20/2011	10/13/2021	Reimbursable	-----	WFF	
1149	3219	Accomack County, Virginia	Wallops Research Park	5/6/2009	5/6/2069	Reimbursable	-----	WFF	3219
1150	1961	Virginia commercial Space Flight Authority	Facility Use Annex Pad 0A	4/7/2007	4/22/2022	Reimbursable	-----	WFF	GSFC-97-1961
1151	29610	AS and D, LLC	NASA's Composite Overwrapped Pressure Vessel (COPV) Damage Detection Course (DDC)	2/4/2019	2/4/2024	Reimbursable	-----	WSTF	SAA-RA-19-29610



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1152	29119	WHA INTERNATIONAL, INC	annex to Testing, Analysis Activities, and Exchange of Technical Expertse	10/29/2018	10/29/2019	Reimbursable	-----	WSTF	SAA-RA-17-25227
1153	28205	THE BOEING COMPANY	Inspect, Functional Test, and Leak Test R40b Thrusters	9/13/2018	9/12/2020	Reimbursable	-----	WSTF	SAA-RA-18-28204-01
1154	28204	THE BOEING COMPANY	Perform R40b thruster testing and provide test data results.	9/13/2018	9/12/2023	Reimbursable	-----	WSTF	SAA-RA-18-28204
1155	27720	Florida Turbine Technologies, Inc.	Annex 4 to Propulsion System Elements Development and Analysis	4/26/2018	4/26/2019	Reimbursable	-----	WSTF	SAA8-1623999-04
1156	27522	Virgin Orbit, LLC	Annex to Exchange Technical Expertise for commercial space transportation	9/27/2018	9/27/2020	Reimbursable	-----	WSTF	SAA8-1725209
1157	26448	WHA INTERNATIONAL, INC	Annex to Testing, Analysis Activities, and Exchange of Technical Expertse for COPV Training	9/7/2017	3/21/2022	Reimbursable	-----	WSTF	SAA-RA-17-25227-02

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1158	25792	THE BOEING COMPANY	BOEING MLI MICROMETEOROID ORBITAL DEBRIS (MMOD) PROTECTION	4/3/2018	4/3/2019	Reimbursable	-----	WSTF	SAA-RA-17-25792
1159	25685	SPACE EXPLORATION TECHNOLOGIES CORP.	annex to Space Exploration Corp. Testing, Analysis, and Training Activities	7/13/2017	10/19/2020	Reimbursable	-----	WSTF	SAA-RA-15-21217-04
1160	25435	Blue Origin, LLC	NASA-STD-6001 Flammability, Offgassing, Compatibility Testing, and Training	4/18/2017	4/18/2022	Reimbursable	-----	WSTF	SAA-RA-17-25434-01
1161	25434	Blue Origin, LLC	TESTING, ANALYSIS ACTIVITIES, AND EXCHANGE OF TECHNICAL EXPERTISE	4/18/2017	4/18/2022	Reimbursable	-----	WSTF	SAA-RA-17-25434
1162	25228	WHA International, Inc.	NASA-STD-6001 Flammability, Offgassing, and Compatibility Testing	3/21/2017	3/21/2022	Reimbursable	-----	WSTF	SAA-RA-17-25227
1163	25227	WHA International, Inc.	Testing, Analysis Activities, and Exchange of Technical Expertise	3/21/2017	3/21/2022	Reimbursable	-----	WSTF	SAA-RA-17-25227

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1164	22312	Honeywell	NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements and Test Procedures	10/12/2016	10/12/2021	Reimbursable	-----	WSTF	SAA-RA-16-22311-01
1165	22311	Honeywell	Honeywell NASA-STD-6001B, Vacuum Stability Testing and Training	10/12/2016	10/12/2021	Reimbursable	-----	WSTF	SAA-RA-16-22311
1166	22154	Celanese International Corporation	Celanese Chemical Division Process Enhancement Testing	11/7/2018	11/7/2021	Reimbursable	-----	WSTF	SAA-RA-18-22154
1167	22001	Space Exploration Technologies Corporation	SpaceX-WSTF-05	3/28/2016	9/15/2022	Reimbursable	-----	WSTF	SpaceX-WSTF-05
1168	21593	The Boeing Company	Boeing-WSTF-02	11/10/2015	9/15/2022	Reimbursable	-----	WSTF	Boeing-WSTF-02
1169	21451	SPACE EXPLORATION TECHNOLOGIES CORP.	Annex to Space Exploration Corp. Testing, Analysis, and Training Activities	1/7/2016	10/19/2020	Reimbursable	-----	WSTF	SAA-RA-15-21217-02

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1170	21218	SPACE EXPLORATION TECHNOLOGIES CORP.	Hypergolic Materials Testing and Support	10/19/2015	10/19/2020	Reimbursable	-----	WSTF	SAA-RA-15-21217-01
1171	21217	SPACE EXPLORATION TECHNOLOGIES CORP.	Space Exploration Corp. Testing, Analysis, and Training Activities	10/19/2015	10/19/2020	Reimbursable	-----	WSTF	SAA-RA-15-21217
1172	21178	Space Exploration Technologies Corp.	SpaceX-WSTF-04	10/13/2015	9/15/2022	Reimbursable	-----	WSTF	SpaceX-WSTF-04
1173	20891	Made In Space, Inc.	NASA-STD-6001B materials and compnents testing	7/30/2015	7/30/2020	Reimbursable	-----	WSTF	SAA-RA-15-20891
1174	20648	Blue Origin, LLC	NONREIMBURSABLE SPACE ACT AGREEMENT BETWEEN BLUE ORIGIN, LLC AND NASA FOR THE LOAN OF NASA OWNED PRESSURE VESSELS	5/8/2017	5/8/2022	Non-Reimbursable	\$17,256	WSTF	SAA-RA-17-20648
1175	20014	CARLETON TECHNOLOGIES, INC.	Carleton Technologies Inc Testing analysis and training of pressure vessel and oxygen systems.	7/1/2015	7/1/2020	Reimbursable	-----	WSTF	SAA-RA-15-20014

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1176	19018	Aerojet Rocketdyne	Aerojet Rocketdyne Testing, Analysis and Training Activites	7/8/2015	7/8/2020	Reimbursable	-----	WSTF	SAA-RA-15-19017-01
1177	19017	Aerojet Rocketdyne	Aerojet Rocketdyne Oxygen Testing and Analysis Activities	7/8/2015	7/8/2020	Reimbursable	-----	WSTF	SAA-RA-15-19017
1178	16705	Blue Origin LLC	WSTF Technical Services Support for Blue Origin Build up	4/30/2014	4/30/2019	Reimbursable	-----	WSTF	SAA-RA-14-16704-1
1179	16704	Blue Origin LLC	WSTF Technical Services Support for Blue Origin Build up	4/30/2014	4/30/2019	Reimbursable	-----	WSTF	SAA-RA-14-16704