

List of Active Space Act Agreements (as of December 31, 2020) with Domestic Commercial, State Local Government, and Non-profit Partners

	PAM ID NUMBER	PARTNER NAME	TITLE/PURPOSE	EXECUTION DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL ESTIMATED DOLLAR VALUE FOR AGREEMENT	CENTER	CENTER TRACKING NUMBER
1	33089	Bell Textron, Inc	Annex to Hybrid-Electric System Integration, Development and Testing Activities	1/15/2020	8/8/2024	Non-Reimbursable	\$789,472	AFRC	
2	33088	The Boeing Company	Grand Challenge Vehicle Provider Information Exchange Annex	2/28/2020	2/28/2025	Non-Reimbursable	\$789,472	AFRC	
3	33087	The Boeing Company	Participation in the NASA UAM Grand Challenge	2/28/2020	2/28/2025	Non-Reimbursable	\$0	AFRC	
4	33085	Zeva, Inc (dba Zeva Aero)	Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$789,472	AFRC	
5	33084	Zeva, Inc (dba Zeva Aero)	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	

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6	33081	The University of North Texas	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
7	33080	The University of North Texas	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
8	33079	Uber Technologies, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
9	33078	Uber Technologies, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
10	33076	Prodentify, LLC	Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$789,472	AFRC	
11	33075	Prodentify, LLC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	

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12	33073	OneSky Systems Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
13	33072	OneSky Systems Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
14	33065	NFT, Inc	Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$789,472	AFRC	
15	33064	NFT, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
16	33063	Metron Aviation, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
17	33062	Metron Aviation, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	

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18	33059	GeoRq	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
19	33058	GeoRq	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
20	33057	Ellis & Associates	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
21	33056	Ellis & Associates	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
22	33055	Avision, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
23	33054	Avision, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	

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24	33039	ARINC	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
25	33038	ARINC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
26	33037	ANRA TECHNOLOGIES, LLC	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
27	33036	ANRA TECHNOLOGIES, LLC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
28	33035	AiRXOS, Inc	Grand Challenge - Development Test Airspace Annex	3/2/2020	3/2/2025	Non-Reimbursable	\$678,932	AFRC	
29	33034	AiRXOS, Inc	Participation in the NASA UAM Grand Challenge	3/2/2020	3/2/3035	Non-Reimbursable	\$0	AFRC	

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30	33033	AIRMAP, INC	Participation in the NASA UAM Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932	AFRC	
31	33032	AIRMAP, INC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0	AFRC	
32	33031	JOBY AVIATION, INC	Grand Challenge - Development Test Flight Annex	2/19/2020	2/19/2025	Non-Reimbursable	\$789,472	AFRC	
33	33030	JOBY AVIATION, INC	Participation in the NASA UAM Grand Challenge	2/19/2020	2/19/2025	Non-Reimbursable	\$0	AFRC	
34	32757	AeroVironment, Inc.	Small Unmanned Aircraft System (SUAS) Testing and Training	11/10/2020	11/10/2025	Reimbursable	-----	AFRC	
35	32514	Virgin Galactic Holdings, Inc	Collaborative Ventilator Development in Response to COVID-19 Pandemic	4/22/2020	4/22/2021	Non-Reimbursable	\$190,000	AFRC	

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36	32489	Virgin Galactic Holdings	Collaborative Medical Device Development in Response to COVID-19 Pandemic	4/22/2020	4/22/2023	Non-Reimbursable	\$0	AFRC	
37	32339	Fenix Space, Inc.	Supporting Development of a Tow-glider Launch Platform through Aerodynamic Store Separation Analysis, Range Safety Studies, and Con-Ops Development	5/27/2020	5/27/2025	Reimbursable	-----	AFRC	
38	32338	Fenix Space, Inc.	Development of Tow-glider Launch Platform	5/27/2020	5/27/2025	Reimbursable	-----	AFRC	
39	31875	Stratolaunch, LLC	Annex to Support Flight Operations of the Stratolaunch Carrier Aircraft	6/18/2020	2/13/2025	Reimbursable	-----	AFRC	
40	31694	Stratolaunch, LLC	To Support Flight Operations of the Stratolaunch Carrier Aircraft	2/13/2020	2/13/2025	Reimbursable	-----	AFRC	
41	31693	Stratolaunch, LLC	To Support Flight Operations of the Stratolaunch Carrier Aircraft	2/13/2020	2/13/2025	Reimbursable	-----	AFRC	

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42	31588	Lockheed Martin	Annex to NASA ER-2 Low Power Laser Demonstrator (LPLD)	1/8/2020	11/27/2022	Reimbursable		----- AFRC	
43	31026	Northrop Grumman	Reimbursable Space Act Umbrella Agreement between Northrop Grumman Systems Corporation and the National Aeronautics and Space Administration, NASA Armstrong Flight Research Center for support of flight research related to aeroelasticity	2/6/2020	2/6/2023	Reimbursable		----- AFRC	
44	30284	General Electric Aviation	General Electric Aviation Use of NASA SOFIA B747 Flight Simulator	5/8/2019	5/8/2024	Reimbursable		----- AFRC	
45	29919	Scaled Composites	For Use of NASA SOFIA B747 Flight Simulator	3/21/2019	3/21/2022	Reimbursable		----- AFRC	
46	29252	The Boeing Company	Annex to Aerospace Research Development	4/5/2019	2/3/2022	Non-Reimbursable	\$699,161	AFRC	SAA1-23831
47	28763	Echodyne Corporation	Resilient Autonomy Collaboration	9/25/2019	11/25/2021	Non-Reimbursable	\$11,036	AFRC	



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48	28723	Sensuron, LLC	For Knowledge Transfer in support of non-Exclusive Technology License DN-1443 and continued collaborations in FOSS development	2/3/2020	2/3/2021	Reimbursable		----- AFRC	
49	28157	ZIVA CORP	M-DART Demonstration Program	8/16/2018	8/16/2021	Reimbursable		----- AFRC	
50	27967	AEROVIRONMENT, INC	Unmanned Aircraft Systems (UAS) Testing	11/14/2018	11/14/2023	Reimbursable		----- AFRC	
51	27898	Latitude Engineering, LLC	Resilient Autonomy Collaboration with Latitude Engineering	10/2/2019	1/2/2021	Non-Reimbursable	\$10,097	AFRC	
52	27413	The Spaceship Company	Consultation and Peer Review Support	10/12/2018	1/5/2021	Reimbursable		----- AFRC	
53	27347	Modern Technology Solutions, Inc.	Collaborative development of contingency management for autonomous aircraft	8/6/2018	12/6/2021	Non-Reimbursable	\$374,127	AFRC	

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54	26975	Bell Textron, Inc	Hybrid-Electric System Integration, Development and Testing Activities	8/8/2019	8/8/2022	Non-Reimbursable	\$1,519,555	AFRC	
55	26974	Bell Textron, Inc	Hybrid-Electric System Integration, Development and Testing Activities	8/8/2019	8/8/2024	Non-Reimbursable	\$0	AFRC	
56	25826	Raytheon Company	For Use of NASA SOFIA B747 Flight Simulator	6/22/2017	6/22/2022	Reimbursable	-----	AFRC	
57	25811	Lockheed Martin	NASA ER-2 Low Power Laser Demonstrator (LPLD)	11/27/2017	11/27/2022	Reimbursable	-----	AFRC	
58	25562	Safety Technology Holdings, Incorporated	Reimbursable Space Act Agreement to support the test setup and evaluation of the FOSS technology in anthropomorphic test device.	12/7/2017	12/7/2022	Reimbursable	-----	AFRC	
59	24538	TriTech Small Business Development Center	Annex to Non-Reimbursable 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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60	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	
61	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	
62	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	
63	23205	Lockheed Martin Aeronautics Company	Develop Cost Estimate of Proposed Tests	4/24/2017	4/24/2022	Reimbursable	-----	AFRC	
64	23204	Lockheed Martin Aeronautics Company	Testing Support of Lockheed Martin Test Articles	4/24/2017	4/24/2022	Reimbursable	-----	AFRC	
65	23109	Battelle Memorial Institute	Development of an Ice Prevention System	11/17/2016	11/17/2021	Reimbursable	-----	AFRC	

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66	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	
67	22279	Stratolaunch Federal Inc	Stratolaunch vehicle technical and engineering support	1/11/2017	1/11/2021	Reimbursable	-----	AFRC	
68	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	
69	21557	The Spaceship Company	FLIGHT TEST ENGINEERING AND ASSOCIATED TECHNICAL SERVICES	1/5/2016	1/5/2021	Reimbursable	-----	AFRC	
70	21370	Sands Aviation LLC	For Use of NASA SOFIA B747 Flight Simulator	9/30/2015	10/31/2021	Reimbursable	-----	AFRC	
71	33289	Rocket Lab USA	Annex One under NRUSAA between NASA ARC and Rocket Lab for Space Science, Earth Science, and Engineering Research	10/14/2020	4/14/2022	Non-Reimbursable	\$79,329	ARC	SAA2-403591-1

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72	33288	Rocket Lab USA	Non-Reimbursable Umbrella Space Act Agreement between NASA ARC and Rocket Lab for Space Science, Earth Science, and Engineering Research	10/14/2020	10/14/2025	Non-Reimbursable	\$0	ARC	SAA2-403591
73	33148	Stanford Blood Center	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Stanford Blood Center for Blood Drives	10/6/2020	10/6/2025	Non-Reimbursable	\$12,568	ARC	SAA2-403588
74	33083	Virgin Orbit	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Virgin Orbit, LLC for Analysis and Simulation of a Transport Aircraft as a Launch Platform	10/6/2020	10/6/2021	Reimbursable	-----	ARC	SAA2-403586-1
75	33082	Virgin Orbit	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Virgin Orbit, LLC for Analysis and Simulation of a Transport Aircraft as a Launch Platform	10/6/2020	10/6/2025	Reimbursable	-----	ARC	SAA2-403586
76	33061	Sentinel Healthcare Corporation	Annex One under NonReimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Sentinel Healthcare for a Data-Driven Pandemic Response Management System	9/8/2020	9/8/2022	Non-Reimbursable	\$10,816	ARC	SAA2-403585-1
77	33060	Sentinel Healthcare Corporation	NonReimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Sentinel Healthcare for a Data-Driven Pandemic Response Management System (COVID-19)	9/8/2020	9/8/2025	Non-Reimbursable	\$0	ARC	SAA2-403585

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78	32992	Purdue University	Annex One under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Purdue University for Research and Development in Aerospace, Earth Science, and Aviation Systems	12/15/2020	12/15/2025	Non-Reimbursable	\$96,476	ARC	SAA2-403581-1
79	32991	Purdue University	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Purdue University for Research and Development in Aerospace, Earth Science, and Aviation Systems	12/15/2020	12/15/2025	Non-Reimbursable	\$0	ARC	SAA2-403581
80	32859	Small Payload Ride Share Association	Non-Reimbursable Space Act Agreement between NASA ARC and Small Payload Ride Share Association for Co-hosting the 20th Annual Small Payload Ride Share Virtual Symposium	7/28/2020	7/28/2021	Non-Reimbursable	\$56,212	ARC	SAA2-403575
81	32736	NISSAN NORTH AMERICA, INC	Annex 2 under RUSAA between NASA ARC and Nissan North America for Research and Development in Robotic Technologies	6/12/2020	6/12/2022	Reimbursable	-----	ARC	SAA2-403545-2
82	32645	Virginia Commonwealth University	Nonreimbursable Space Act Agreement between NASA ARC and Virginia Commonwealth University (VCU) for High Performance Computer Modeling of COVID-19 Corona Virus, for COVID-19 support	5/12/2020	5/12/2021	Non-Reimbursable	\$111,845	ARC	SAA2-403561
83	32577	Delta Airlines	Non-Reimbursable Space Act Agreement between NASA Ames and Delta Airlines, Inc. for Human Factors Fatigue Research	11/24/2020	11/24/2025	Non-Reimbursable	\$740,892	ARC	SAA2-403566

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84	32517	MOFFETT FIELD HISTORICAL SOCIETY	Reimbursable Space Act Agreement between NASA Ames Research Center and Moffett Field Historical Society to Support the History of Moffett Field	6/29/2020	6/29/2025	Reimbursable	-----	ARC	SAA2-403562
85	32345	County of Santa Clara Office of the Sheriff	Reimbursable Space Act Agreement between NASA Ames and the County of Santa Clara Office of the Sheriff for Utilization of Moffett Field for Law Enforcement and Emergency Response Capabilities	10/1/2020	9/30/2025	Reimbursable	-----	ARC	SAA2-403555
86	32187	LOCKHEED MARTIN	Reimbursable Space Act Agreement between NASA ARC and Lockheed Martin Corporation for Enhanced Heating Sample Testing at the NASA Ames IHF-LEAF	5/1/2020	5/1/2021	Reimbursable	-----	ARC	SAA2-403549
87	32147	Exo-Atmospheric Technologies, LLC	Reimbursable Space Act Agreement between NASA ARC and Exo-Atmospheric Technologies, LLC for ARC Jet Testing of Advanced Instrumentation in Hypersonic Environments	8/20/2020	8/20/2021	Reimbursable	-----	ARC	SAA2-403547
88	32119	The Spaceship Company	Reimbursable Space Act Agreement between NASA Ames Research Center and The Spaceship Company, LLC for Simulation and Analysis of a Transport Aircraft as a Launch Platform	10/7/2020	10/7/2021	Reimbursable	-----	ARC	SAA2-403543
89	31973	NISSAN NORTH AMERICA, INC	Annex 1 between NASA ARC and Nissan North America for Distributed Robotics Technology and Integrated Systems	6/12/2020	6/12/2022	Reimbursable	-----	ARC	SAA2-403545-1

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90	31972	NISSAN NORTH AMERICA, INC	Reimbursable Umbrella Space Act Agreement between NASA ARC and Nissan North America for Research and Development in Robotic Technologies	6/12/2020	6/12/2025	Reimbursable	-----	ARC	SAA2-403545
91	31897	Arizona State University	Annex One to NRUSAA between NASA ARC and Arizona State University for Technology Transfer Academia Infusion	5/22/2020	5/21/2025	Non-Reimbursable	\$62,883	ARC	SAA2-403530-1
92	31896	Arizona State University	Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Arizona State University for Space Exploration, Science and Engineering Research, and STEM Initiatives	5/21/2020	5/21/2025	Non-Reimbursable	\$0	ARC	SAA2-403530
93	31848	SPACE SYSTEMS LORAL, LLC	Annex 1 to Nonreimbursable Umbrella Space Act Agreement between NASA ARC and Space Systems Loral for Robotic and Spacecraft Technology Research	4/16/2020	4/16/2023	Non-Reimbursable	\$62,229	ARC	SAA2-403528-1
94	31847	SPACE SYSTEMS LORAL, LLC	Reimbursable Umbrella Space Act Agreement between NASA ARC and Space Systems Loral for Robotic and Spacecraft Technology Research	4/16/2020	4/16/2025	Non-Reimbursable	\$0	ARC	SAA2-403528
95	31474	Uber Technologies Inc	Annex between the National Aeronautics and Space Administration Ames Research Center and Uber Technologies Inc under Space Act Umbrella Agreement No. 27889, SAA2-403420 (Annex Number Two)	2/3/2020	2/3/2023	Non-Reimbursable	\$1,463,871	ARC	SAA2-403420-2



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96	31447	Founder Institute, Incorporated	Nonreimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Ames Research Center and Founder Institute, Incorporated for the Fostering of Space Entrepreneurship	11/19/2019	11/19/2022	Non-Reimbursable	\$0	ARC	SAA2-403517
97	31360	Northrop Grumman Corporation	ANNEX BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION AMES RESEARCH CENTER AND NORTHROP GRUMMAN CORPORATION. UNDER SPACE ACT UMBRELLA AGREEMENT NUMBER NO.31359/SAA2-403514 FOR WIND TUNNEL TESTING (ANNEX NUMBER ONE)	1/20/2020	1/20/2021	Reimbursable	-----	ARC	SAA2-403514-1
98	31359	Northrop Grumman Corporation	REIMBURSABLE SPACE ACT UMBRELLA AGREEMENT No.31359/SAA2-403514 BETWEEN NASA ARC AND NORTHROP GRUMMAN CORPORATION FOR WIND TUNNEL TESTING	1/20/2020	1/20/2025	Reimbursable	-----	ARC	SAA2-403514
99	31234	GOOGLE, LLC	Reimbursable Space Act Agreement between NASA ARC and Google for Calibration and Noise Characterization Approaches for Quantum Processors	3/30/2020	3/30/2021	Reimbursable	-----	ARC	SAA2-403512
100	31044	NTT Research, Inc.	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and NTT Research, Inc. to Benchmark Coherent Ising Machines	11/12/2019	11/12/2024	Reimbursable	-----	ARC	SAA2-403506
101	30884	San Francisco International Airport	Reimbursable Umbrella Space Act Agreement between The National Aeronautics and Space Administration Ames Research Center and San Francisco International Airport City and County of San Francisco for Research and Technologies for Increasing Airport Surface Capacity and Airfield Efficiency.	7/2/2019	7/2/2024	Reimbursable	-----	ARC	SAA2-403426

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102	30834	Advanced Technologies Group, Inc.	Reimbursable Umbrella Space Act Agreement between NASA ARC and Advanced Technologies Group, Inc. for Wind Tunnel Testing	12/20/2019	12/20/2024	Reimbursable		----- ARC	SAA2-403500
103	30730	UNIVERSITY OF WASHINGTON	Annex between the National Aeronautics and Space Administration Ames Research Center and the University of Washington Under Space Act Umbrella Agreement Number 30729, SAA2-403496 (Annex Number One)	8/27/2019	8/27/2022	Reimbursable		----- ARC	SAA2-403496-1
104	30729	UNIVERSITY OF WASHINGTON	Reimbursable Space Act Umbrella Agreement between the National Aeronautics and Space Administration Ames Research Center and the University of Washington for Hardware Development and Testing	8/27/2019	8/27/2024	Reimbursable		----- ARC	SAA2-403496
105	30656	Orbital Sciences Corporation, a wholly owned subsidiary of Orbital ATK	Annex Seven between NASA ARC and Orbital Sciences Corporation under Space Act Umbrella Agreement No. 26082/SAA8-1726082 for Wind Tunnel Testing	6/25/2019	6/25/2021	Reimbursable		----- ARC	SAA2-403470-7
106	30601	SAN JOSE STATE UNIVERSITY	Annex One to Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and San Jose State University to Facilitate Development of Nano-Satellite Sub-Systems and Sensors	6/20/2019	6/20/2022	Non-Reimbursable	\$19,719	ARC	SAA2-403280 -1
107	30598	SAN JOSE STATE UNIVERSITY	Nonreimbursable Umbrella Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and San Jose State University for TechEdSat N Academia Infusion	6/20/2019	6/20/2022	Non-Reimbursable	\$0	ARC	SAA2-403280

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108	30453	Leland Stanford Junior University	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Leland Stanford Junior University for Aerospace Technology Research, Testing, and Development	12/16/2020	12/16/2021	Reimbursable		-----	ARC	SAA2-403497-1
109	30452	Leland Stanford Junior University	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Leland Stanford Junior University for Aerospace Technology Research, Testing, and Development	12/16/2020	12/16/2025	Reimbursable		-----	ARC	SAA2-403497
110	30437	Rockwell Collins, Inc	Nonreimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and Rockwell Collins, Inc. for Human-Autonomy Teaming Research	8/26/2019	8/26/2023	Non-Reimbursable	\$450,224		ARC	SAA2-403491
111	30402	LOCKHEED MARTIN	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research Center and Lockheed Martin for TPS Material Testing	5/21/2019	5/21/2021	Reimbursable		-----	ARC	SAA2-403458
112	30367	THE BOEING COMPANY	Annex Seven Between NASA Ames and The Boeing Company Under LaRC Umbrella for Testing Digital Communications During EcoDemonstrator Flight Testing	4/23/2019	4/23/2021	Non-Reimbursable	\$621,239		ARC	SAA2-403293-7
113	30244	GE Flight Efficiency Services, Inc.	Non-Reimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration Ames Research Center and GE Flight Efficiency Services, Inc. for Collaborative Development and Use of NASA ATM-X Testbed for Integrated ATM Research	9/12/2019	9/12/2024	Non-Reimbursable	\$0		ARC	SAA2-403486

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114	30167	Airxos	Non-Reimbursable Space Act Agreement Between Airxos and NASA Ames for Unmanned Aircraft Systems Traffic Management.	4/5/2019	4/5/2022	Non-Reimbursable	\$24,585	ARC	SAA2-403422
115	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
116	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
117	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	2/20/2021	Non-Reimbursable	\$32,675	ARC	SAA2-403455
118	29462	Voltex Technology, Inc.	Reimbursable Space Act Agreement between the National Aeronautics and Space Administration Ames Research center and Voltex Technology to Explore New Production Methods for Sensor Arrays	7/31/2019	1/31/2022	Reimbursable	-----	ARC	SAA2-403466
119	29381	The Boeing Company	Annex One to the Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and the Boeing Company for Wind Tunnel Testing	4/27/2020	4/27/2021	Reimbursable	-----	ARC	SAA2-403460-1

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120	29380	The Boeing Company	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and the Boeing Company for Wind Tunnel Testing	4/27/2020	4/27/2025	Reimbursable	-----	ARC	SAA2-403460
121	28878	SOUTHWEST AIRLINES COMPANY	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Southwest Airlines for Development and Evaluation of an Air Traffic Management System	7/12/2019	7/12/2021	Non-Reimbursable	\$225,914	ARC	SAA2-403448
122	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
123	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
124	28611	Mountain View Housing Ventures, LLC	REIMBURSABLE SPACE ACT AGREEMENT BETWEEN NASA AMES AND MOUNTAIN VIEW HOUSING VENTURES FOR DUE DILIGENCE	11/1/2018	12/31/2020	Reimbursable	-----	ARC	SAA2-403441
125	28415	Planetary Ventures, LLC	Temporary Construction License between NASA Ames and Planetary Ventures, LLC-Navigational Aids Infrastructure	5/24/2018	12/31/9999	Reimbursable	-----	ARC	SAA2-403414

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126	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
127	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
128	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
129	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 Statolaunchs Launch Architecture	4/5/2018	12/6/2021	Reimbursable		-----	ARC	SAA2-403221-4
130	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	12/6/2021	Reimbursable		-----	ARC	SAA2-403221-3
131	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	1/4/2022	Non-Reimbursable	\$604,820		ARC	SAA2-403420-1

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132	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	1/4/2022	Non-Reimbursable	\$0	ARC	SAA2-403420
133	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
134	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
135	27787	GOOGLE, LLC	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
136	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
137	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

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138	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
139	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	9/19/2022	Non-Reimbursable	\$106,091	ARC	SAA2-403249
140	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
141	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
142	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
143	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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144	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
145	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
146	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	\$1,000	ARC	SAA2-403257
147	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
148	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	\$1,000	ARC	SAA2-403253
149	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	5/11/2022	Non-Reimbursable	\$102,925	ARC	SAA2-403265

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150	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
151	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	5/17/2021	Reimbursable	-----	ARC	SAA2-403256
152	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
153	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	\$1,000	ARC	SAA2-403251
154	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	\$1,000	ARC	SAA2-403250
155	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	2/28/2021	Non-Reimbursable	\$54,977	ARC	SAA2-403167

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156	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
157	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
158	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
159	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	\$1,243,691	ARC	SAA2-403236
160	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	12/6/2021	Reimbursable	-----	ARC	SAA2-403221-1
161	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

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162	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
163	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
164	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	\$7,500	ARC	SAA2-403163
165	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
166	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
167	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

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168	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	5/24/2024	Non-Reimbursable	\$808,294	ARC	SAA2-403098-1
169	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
170	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
171	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
172	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
173	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

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174	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
175	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
176	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
177	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
178	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
179	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

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180	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
181	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
182	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
183	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
184	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
185	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

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186	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
187	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
188	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
189	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
190	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
191	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



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192	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
193	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
194	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
195	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
196	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	\$1,233,475	ARC	SAA2-402963
197	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

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198	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
199	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
200	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
201	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
202	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
203	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

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204	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
205	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
206	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	7/5/2021	Non-Reimbursable	\$587,287	ARC	SAA2-403013
207	18643	National Center for Atmospheric Research	Memorandum of Agreement with University Corporation for Atmospheric Research Acting on Behalf of National Center for Atmospheric Research (NCAR) and NASA Ames Research Center for Meteorological Product Support for Next-Generation Air Transportation System (NGATS)	8/15/2006	8/15/2021	Non-Reimbursable	----	ARC	SAA2-402003
208	17091	CITY OF SUNNYVALE	Lease Agreement - Sunnyvale Golf Course	5/24/2002	5/24/2022	Reimbursable	----	ARC	SAA2-401308
209	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

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210	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
211	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
212	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
213	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
214	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	3/31/2021	Non-Reimbursable		-----	ARC	SAA2-401816
215	33534	The Ohio State University	In-Situ 3-D Printing of Wireless Implant with The Ohio State University	12/2/2020	12/2/2022	Non-Reimbursable	\$31,189		GRC	SAA3-1670

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216	33443	ZIN TECHNOLOGIES, INC	Annex No. 03 to SAA3-1662 for Use of Thermal Vacuum Lab (TVAC) with ZIN (Reimbursable)	12/10/2020	12/10/2023	Reimbursable	-----	GRC	SAA3-1662-03
217	33024	CesiumAstro, Inc.	SmallSat Ka-band Operations User Terminal (SKOUT) Flight Experiments with CesiumAstro	12/2/2020	12/2/2025	Non-Reimbursable	\$150,568	GRC	SAA3-1664
218	32831	Ozark Integrated Circuits Inc.	Fabrication of SiC Integrated Circuits for a Multi-Chip Microprocessor for Extreme Environments	11/2/2020	11/2/2023	Reimbursable	-----	GRC	SAA3-1661
219	32535	ZIN TECHNOLOGIES, INC	Use of Unique NASA Facilities: Electromagnetic Interference Laboratory (EMI Lab) DreamChaser Task	8/12/2020	8/12/2023	Reimbursable	-----	GRC	SAA3-1662-1
220	32534	ZIN TECHNOLOGIES, INC	Use of Unique NASA Facilities (EMI Lab, SDL, TVAC)	8/11/2020	8/11/2025	Reimbursable	-----	GRC	SAA3-1662
221	32526	Emergency Products and Research, Inc.	COVID-19: Technical Expertise and Test Data Analysis for Emergency Products and Research, Inc.	4/24/2020	4/24/2022	Non-Reimbursable	\$52,368	GRC	SAA3-1654

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222	32398	University Hospitals of Cleveland	COVID-19 Sterilization of Personal Protective Equipment	4/2/2020	4/2/2022	Non-Reimbursable	\$81,654	GRC	SAA3-1653
223	32178	GENERAL ELECTRIC COMPANY	High Temperature Testing of Additive Heat Pipes	11/2/2020	11/2/2021	Non-Reimbursable	\$7,367	GRC	SAA3-1659
224	32160	Aerojet Rocketdyne, Inc.	Annex No. 2 under SAA3-1639 to Upper Stage Engine Manufacturing, Testing, and Evaluation Umbrella Agreement for Aerojet Rocketdyne, Inc.	10/16/2020	10/16/2021	Reimbursable	-----	GRC	SAA3-1639-2
225	32093	HONEYWELL INTERNATIONAL, INC	Honeywell CLEEN-II Testing in Glenn Advanced Subsonic Combustion Rig (ASCR)	12/2/2020	12/2/2025	Reimbursable	-----	GRC	SAA3-1675
226	31980	BLUE ORIGIN, LLC	Demonstration of Pre-Environmental Testing of Fairing Components at Plum Brook Station Space Environments Complex (SEC)	8/7/2020	8/7/2022	Reimbursable	-----	GRC	SAA3-1609-2
227	31604	Epic Aircraft , LLC	Ice Protection System Development Activities for Epic Aircraft	3/2/2020	3/2/2022	Reimbursable	-----	GRC	SAA3-1650

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228	31589	Southwest Research Institute	Great Horned Owl Demonstration and Validation Program with Southwest Research Institute	5/13/2020	5/13/2023	Non-Reimbursable	\$21,468	GRC	SAA3-1658
229	31584	The Charles Stark Draper Laboratory, Inc.	Collaborative Development of High Temperature SiC Electronics for The Charles Stark Draper Laboratory, Inc.	1/15/2020	1/15/2022	Reimbursable	-----	GRC	SAA3-1646
230	31550	Scott Schlessman	Farmer Lease for Agricultural Purpose Parcel K	4/15/2019	4/14/2024	Reimbursable	-----	GRC	PBS2019SS004
231	31546	Rockwell Farms LLC	Farmer Lease for Agricultural Purposes Parcel M	4/15/2019	4/14/2024	Reimbursable	-----	GRC	PBS2019RF005
232	31544	Krueger Farms, LLC	Farmer Lease for Agricultural Purposes Parcel C	4/15/2019	4/14/2024	Reimbursable	-----	GRC	PBS2019KF001
233	31542	David & Mary K. Schlessman	Farmer Lease for Agricultural Purposes Parcel J	4/15/2019	4/14/2024	Reimbursable	-----	GRC	PBS2019DM003

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234	31540	DMS Farms, Ltd	Farmer Lease for Agricultural Purposes Parcel G	4/15/2019	4/14/2024	Reimbursable	-----	GRC	PBS2019DM002
235	31423	UNIVERSITY OF PITTSBURGH	Calculation of EBC thermodynamics properties from machine learning-derived atomistic potentials	10/26/2020	10/26/2021	Non-Reimbursable	\$12,144	GRC	SAA3-1668
236	31407	OHIO DEPARTMENT OF NATURAL RESOURCES	A Series of Public Deer Hunts at Plum Brook Station	11/15/2019	11/15/2024	Non-Reimbursable	\$167,603	GRC	SAA3-1632
237	31374	GE Research	COLLABORATIVE DEVELOPMENT OF FINITE ELEMENT HPC MULTISCALE MODELING FRAMEWORK	4/30/2020	4/30/2024	Non-Reimbursable	\$157,736	GRC	SAA3-1656
238	31344	GREAT LAKES SCIENCE CENTER	The Official NASA Glenn Visitor Center	9/30/2019	9/30/2029	Non-Reimbursable	\$0	GRC	SAA3-1630
239	31247	Terves Inc.	Technical Expertise Space Act Agreement for Terves, LLC.	12/10/2019	12/10/2021	Non-Reimbursable	\$7,099	GRC	SAA3-1643



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240	31246	Applied Sciences, Inc.	Technical Expertise Space Act Agreement for Applied Sciences	11/6/2019	11/6/2021	Non-Reimbursable	\$6,960	GRC	SAA3-1638
241	31245	SafeLi Materials	Technical Expertise Space Act Agreement for SafeLi Materials	10/29/2019	10/29/2021	Non-Reimbursable	\$6,910	GRC	SAA3-1635
242	31132	Acme Express, Inc.	Technical Expertise Space Act Agreement for Acme Express, Inc.	10/19/2019	10/19/2021	Non-Reimbursable	\$7,122	GRC	SAA3-1633
243	31055	Launchspace Technologies Corporation	Aerogel Material for Orbital Debris Capture	4/30/2020	4/30/2021	Reimbursable	----	GRC	SAA3-1655
244	30756	Aerojet Rocketdyne, Inc.	Upper Stage Engine Manufacturing, Testing, and Evaluation Umbrella Agreement for Aerojet Rocketdyne, Inc.	11/18/2019	11/18/2024	Reimbursable	----	GRC	SAA3-1639
245	30422	Innoveering, LLC	High-Speed Inlet Testing in NASA's ERB-1NW Wind Tunnel	10/29/2019	8/29/2021	Reimbursable	----	GRC	SAA3-1636

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246	30403	Parker Hannifin Corporation	CAS HEATheR Motor Design	11/6/2019	2/5/2021	Non-Reimbursable	\$8,241	GRC	SAA3-1637
247	30392	Rocky River Wastershed Council	Restoring Lower Abram Creek at NASA Glenn Research Center	6/24/2019	6/24/2024	Non-Reimbursable	\$3,302	GRC	SAA3-1615
248	30296	ANSYS Inc.	Collaboration on Icing Simulation Software Development	1/27/2020	1/27/2024	Non-Reimbursable	\$114,343	GRC	SAA3-1647
249	30295	THE BOEING COMPANY	Collaborative Icing Research, Simulation Tool Development and Testing Opportunities	3/12/2020	3/12/2023	Non-Reimbursable	\$59,152	GRC	SAA3-1652
250	30288	HONEYWELL INTERNATIONAL, INC	LPT (Low Pressure Turbine) rig testing	12/18/2020	12/18/2024	Non-Reimbursable	\$1,105,621	GRC	SAA3-1644
251	30279	University of Chicago	Vaporization of CMAS	9/30/2019	3/30/2021	Non-Reimbursable	\$8,669	GRC	SAA3-1631

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252	30155	United Technologies Corporation	HEATheR Thermal Management Systems Modeling	1/13/2020	1/13/2022	Non-Reimbursable	\$8,655	GRC	SAA3-1645
253	30133	CEDAR POINT AMUSEMENT PARK	Math and Science Week Events at Cedar Point Amusement Park	5/20/2019	5/20/2022	Non-Reimbursable	\$66,429	GRC	SAA3-1611
254	29849	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.	Ice Shape Investigations for General Atomics	5/13/2019	5/13/2022	Reimbursable	-----	GRC	SAA3-1607
255	29566	A&P Technology, Inc.	Dynamic Energy Absorption in Braided Composite Materials with A and P Technology, Inc.	6/11/2019	6/1/2024	Non-Reimbursable	\$276,623	GRC	SAA3-1612
256	29559	LOCKHEED MARTIN	Combined-Cycle Engine Large-scale Inlet Mode Transition (CCE-LIMX) CFD Studies	4/2/2019	4/2/2022	Non-Reimbursable	\$17,080	GRC	SAA3-1601
257	29551	SureFly, Inc.	Acoustic Measurements on electrified Vertical Take-Off and Landing Urban Air Mobility Vehicle with SureFly, Inc.	8/16/2019	8/16/2024	Non-Reimbursable	\$354,701	GRC	SAA3-1597

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258	29266	Ohio Aerospace Institute	Strategic Technology Partnership with OAI	4/24/2019	4/24/2021	Non-Reimbursable	\$85,466	GRC	SAA3-1605
259	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
260	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
261	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
262	28651	UNIVERSITY OF CINCINNATI	HABSat-2 – Harmful Algal Bloom Satellite 2 with the University of Cincinnati	6/11/2019	6/11/2022	Non-Reimbursable	\$74,976	GRC	SAA3-1613
263	28638	GENERAL ELECTRIC COMPANY	Electrified Aircraft Propulsion (EAP) Powertrain Component Testing	9/14/2018	2/28/2022	Non-Reimbursable	\$1,963,492	GRC	SAA3-1573

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264	28235	Textron Aviation, Inc.	Ice Protection System Development Activities for Textron Aviation	2/27/2019	2/27/2022	Reimbursable	-----	GRC	SAA3-1598
265	28214	ROLLS-ROYCE CORP	Silicon Carbide Fiber High Temperature Characterization	1/14/2020	1/14/2024	Reimbursable	-----	GRC	SAA3-1606-1
266	28213	ROLLS-ROYCE CORP	Testing and Analysis of Advanced Turbine Engine Materials, Structures and Components	1/14/2020	1/14/2025	Reimbursable	-----	GRC	SAA3-1606
267	28172	BLUE ORIGIN, LLC	Environmental Testing for Fairing Deployment at Plum Brook Station	5/20/2019	5/20/2024	Reimbursable	-----	GRC	SAA3-1609-1
268	28171	BLUE ORIGIN, LLC	Environmental Testing at Plum Brook Station	5/20/2019	5/20/2024	Reimbursable	-----	GRC	SAA3-1609
269	28028	The Boeing Company	High Ice Water Content Radar II Flight Campaign Support	5/13/2019	5/13/2022	Non-Reimbursable	\$17,750	GRC	SAA3-1608

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270	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
271	27738	GENERAL ELECTRIC COMPANY	GE Aviation Low Pressure Ratio Fan and Inlet Technology Test	6/26/2019	6/26/2022	Reimbursable		-----	GRC	SAA3-1587
272	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
273	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
274	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
275	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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276	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
277	26825	ASM INTERNATIONAL	Material Data Management Consortium with ASM International	3/27/2018	3/27/2022	Reimbursable	-----	GRC	SAA3-1550
278	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
279	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
280	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
281	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

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282	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
283	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
284	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
285	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
286	24838	Global Energy Corporation	Development and Testing of a High Power Space Generator	1/7/2018	1/7/2023	Reimbursable	-----	GRC	SAA3-1529
287	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



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288	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
289	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
290	22817	Pennsylvania State University Applied Research Laboratory	High-Speed Gear Studies	11/29/2016	11/29/2021	Non-Reimbursable	\$431,929	GRC	SAA3-1495
291	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
292	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
293	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

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294	22135	Cleveland Clinic Foundation	Immersive Environment Support for Motor Imagery Training	4/25/2016	4/22/2021	Reimbursable	-----	GRC	SAA3-1468
295	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
296	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
297	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
298	21691	Hathaway Brown School	STEM Collaboration with Hathaway Brown School	4/25/2016	4/25/2021	Reimbursable	-----	GRC	SAA3-1466
299	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

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300	20864	Lewis Little Folks, Incorporated	Lewis Little Folks Space Act Agreement	7/11/2017	7/11/2022	Non-Reimbursable	\$493,128	GRC	SAA3-1494
301	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
302	33419	LightWave Logic Inc.	Collaboration on Ultra-Wide Band (UWB) Antenna-Coupled Electro-Optic Modulator (EOM)	11/16/2020	11/16/2021	Non-Reimbursable	\$165,000	GSFC	SAA5-20-4-N33419
303	33416	Maryland Technology Development Corporation	Economic Development	11/1/2020	11/1/2023	Non-Reimbursable	\$61,400	GSFC	SAA5-2020-33416
304	33198	CORNELL UNIVERSITY	Cornell University for Collaborative Exploration and Engineering for Thermal Design, Flight Dynamics and Robotic Sample	10/21/2020	10/21/2022	Non-Reimbursable	\$346,000	GSFC	
305	32879	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	AUGMENTED REALITY AND VIRTUAL REALITY DEVELOPMENT FOR NASA SCIENCE AND ENGINEERING	8/13/2010	8/13/2023	Non-Reimbursable	-----	GSFC	SAA5-20-3-N32879

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306	32802	HONEYBEE ROBOTICS, LTD	Grapple Fixture Evaluation	11/15/2020	11/14/2021	Non-Reimbursable	\$39,000	GSFC	
307	32654	Altius Space Machines, Inc	Grapple Fixture Evaluation	10/6/2020	10/5/2021	Non-Reimbursable	\$39,000	GSFC	
308	32506	First RF Corporation	Identifying Sensor Parameter with the Use of Simulations	8/14/2020	5/13/2021	Reimbursable	-----	GSFC	NASA-First RF-32506
309	32490	THE UNIVERSITY OF NORTH TEXAS	AUGMENTED REALITY AND VIRTUAL REALITY DEVELOPMENT FOR NASA SCIENCE AND ENGINEERING	6/10/2020	6/10/2023	Non-Reimbursable	\$16,800	GSFC	SAA5-20-3-N32490
310	31605	Earth Networks, Inc.	INFORMATION AND DATA EXCHANGE RELATED TO THE GLOBE PROGRAM	4/29/2020	4/29/2025	Non-Reimbursable	\$17,600	GSFC	SAA5-20-2-N31605
311	31591	UNIVERSITY OF MARYLAND COLLEGE PARK	AUGMENTED REALITY AND VIRTUAL REALITY DEVELOPMENT FOR NASA SCIENCE AND ENGINEERING	9/24/2020	9/24/2023	Non-Reimbursable	\$16,800	GSFC	SAA5-20-1-N31591

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312	31191	NORTHROP GRUMMAN	ACCESS AND USE OF GSFC ENVIRONMENTAL TEST AND INTEGRATION SYSTEMS AND FACILITIES FOR COMMERCIAL PURPOSES	6/16/2020	6/15/2025	Reimbursable	-----	GSFC	SAA5-19-4-R31191
313	31175	Walgreen Company	NASA GSFC Non-Occupational fee-based influenza clinic	11/12/2019	11/12/2024	Non-Reimbursable	\$420,000	GSFC	
314	31033	Women's National Basketball Players Association	COLLABORATION ON AWARENESS OF NASA TECHNOLOGIES FOR ENTREPRENEURIAL OPPORTUNITIES	10/3/2019	10/3/2022	Non-Reimbursable	\$112,500	GSFC	SAA5-19-4-N31033
315	30946	NORTHROP GRUMMAN	Fiber Optic Cable Testing Activities	8/18/2020	2/17/2022	Reimbursable	-----	GSFC	SAA5-2020-1-R30946
316	30569	THE JOHNS HOPKINS UNIVERSITY	Fabricating cryogenic detectors for cosmic microwave background instrument	9/18/2019	12/18/2021	Reimbursable	-----	GSFC	SAA5-19-4-R30569
317	30478	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	Development of Teaching Activities	8/29/2019	8/28/2024	Reimbursable	-----	GSFC	CU-NASA-30478

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318	29854	Ball Aerospace and Technology Corporation	HIGH ACCURACY, CRYOGENIC, REFRACTIVE INDEX MEASUREMENTS	5/16/2019	4/26/2021	Reimbursable	-----	GSFC	SAA5-2019-2-R29854
319	29833	DIGITALGLOBE, INC	CONJUNCTION ASSESSMENT SCREENING SERVICES	9/11/2019	9/11/2024	Reimbursable	-----	GSFC	SAA5-19-2-R-29833
320	29494	SPACE TELESCOPE SCIENCE INSTITUTE	Loan of Touch Screen System for Display of Science Information	2/13/2019	2/13/2023	Non-Reimbursable	\$1,000	GSFC	29494
321	29201	National Basketball Players Association	COLLABORATION ON AWARENESS OF NASA TECHNOLOGIES FOR ENTREPRENEURIAL OPPORTUNITIES	4/30/2019	4/30/2022	Non-Reimbursable	\$112,600	GSFC	SAA5-19-1-N29201
322	28411	National Basketball Retired Players Association	COLLABORATION ON AWARENESS OF NASA TECHNOLOGIES FOR ENTREPRENEURIAL OPPORTUNITIES	9/14/2018	9/14/2023	Non-Reimbursable	\$112,600	GSFC	SAA5-18-3-N28411
323	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

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324	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
325	25689	National Football League Players Association	COLLABORATION TO COMMERCIALIZE NASA TECHNOLOGIES	5/15/2018	5/13/2025	Non-Reimbursable	\$274,400	GSFC	SAA5-2017-3-N25689
326	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
327	24956	UNIVERSITY OF PITTSBURGH	ON-ORBIT RADIATION HARDENED BY SOFTWARE TECHNOLOGY RESEARCH	2/27/2018	2/27/2021	Non-Reimbursable	\$12,360	GSFC	SAA5-17-02-N24956
328	24841	Society of Photo-Optical Instrumentation Engineers (SPIE)	Editor-in-Chief for Journal of Astronomical Telescopes, Instruments and Systems	1/24/2017	1/23/2023	Non-Reimbursable	\$17,033	GSFC	600-17-24841
329	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

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330	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
331	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
332	22549	University of North Carolina Wilmington	IMPLEMENTATION AND OPERATION OF THE SUSTAINED OCEAN COLOR OBSERVATIONS WITH NANOSATELLITES (SOCO) PROJECT	6/1/2017	6/1/2022	Non-Reimbursable	\$160,000	GSFC	450-AGMT-0149
333	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	\$789,654	GSFC	600-18-22332-LLNL
334	21633	Space Exploration Technologies Corp.	Spacecraft RF Compatibility Testing	8/23/2016	8/23/2021	Reimbursable	-----	GSFC	450-AGMT-0139
335	20729	United Launch Alliance, LLC	TDRS Services for Launch Vehicles	11/13/2015	4/30/2021	Reimbursable	-----	GSFC	450-AGMT-0138



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336	18544	Virginia Commercial Space Flight Authority	Construction and Operation of Unmanned Aerial System (UAS) Runway on Wallops Island	10/1/2015	4/1/2021	Non-Reimbursable	\$1,715,150	GSFC	
337	14465	Simons Foundation	Origins of Life Studies	4/30/2013	9/30/2023	Reimbursable	-----	GSFC	SAA-13-14465
338	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
339	34004	Noggin (A subsidiary of Viacom CBS)	annex to NASA-THEMED STEM LEARNING EXPERIENCES FOR PRESCHOOL-AGED CHILDREN AND THEIR FAMILIES	12/29/2020	12/29/2021	Non-Reimbursable	\$650	HQ	
340	33818	Orbital ATK, Inc	Small Spacecraft Electric Propulsion (SSEP) System	11/6/2020	11/5/2022	Non-Reimbursable	\$998,544	HQ	STMD-SAA-ACO20-0021
341	33812	Rocket Lab USA, Inc	Proposal to the National Aeronautics and Space Administration (NASA) Space Technology Announcement of Collaborative Opportunity	11/6/2020	11/5/2022	Non-Reimbursable	\$1,246,814	HQ	STMD-SAA-ACO20-0009

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342	33811	Blue Origin, LLC	Increasing Engine Life & Thrust/Weight Through Characterization of Additively Manufactured Alloys	11/6/2020	11/5/2022	Non-Reimbursable	\$585,236	HQ	STMD-SAA-ACO20-0034
343	33810	Phase Four, Inc	Lifetime Trend Testing of the Phase Four RF Thruster for Small Spacecraft Missions	11/6/2020	11/5/2022	Non-Reimbursable	\$424,161	HQ	STMD-SAA-ACO20-0056
344	33809	STELLAR EXPLORATION, INC	Qualification Testing of Nanosatellite Propulsion System	11/6/2020	11/5/2022	Non-Reimbursable	\$2,196,914	HQ	STMD-SAA-ACO20-0041
345	33808	AEROJET ROCKETDYNE, INC	A Novel Approach to Human Exploration-Enabling Green Monopropellants for SmallSats	11/6/2020	11/5/2022	Non-Reimbursable	\$1,070,000	HQ	STMD-SAA-ACO20-0036
346	33807	CORNERSTONE RESEARCH GROUP, INC.	Additively Manufactured TPS Arc Jet Evaluation	11/6/2020	11/5/2022	Non-Reimbursable	\$1,040,658	HQ	STMD-SAA-ACO20-0038
347	33806	Elementum 3D, Inc	Reactive Additive Manufacturing for Fourth Industrial Revolution Exploration Systems (RAMFIRE)	11/6/2020	11/5/2022	Non-Reimbursable	\$1,117,904	HQ	STMD-SAA-ACO20-0026

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348	33805	SPACE EXPLORATION TECHNOLOGIES CORP	In-flight Imagery and Thermal Measurement of Starship during Orbital Reentry	11/6/2020	11/5/2022	Non-Reimbursable	\$1,195,400	HQ	STMD-SAA-ACO20-0025
349	33804	Ahmic Aerospace, LLC	Hypersonic Instrumentation and Thermal Protection System Material Characterization Test Methodology	11/6/2020	11/5/2022	Non-Reimbursable	\$786,480	HQ	STMD-SAA-ACO20-22
350	33803	Spacefactory, Inc	Design of an Additive Construction System for Lunar ISRU Application through Active Sample Testing in a Relevant Environment	11/6/2020	11/5/2022	Non-Reimbursable	\$627,355	HQ	STMD-SAA-ACO20-53
351	33802	BLUE ORIGIN, LLC	Space Robot Operating System	11/6/2020	11/5/2022	Non-Reimbursable	\$1,043,950	HQ	STMD-SAA-ACO20-32
352	33801	PH Matter, LLC	Advanced Alkaline Reversible Cell for Production of Hydrogen and Oxygen from ISRU-Generated Water	11/6/2020	11/5/2022	Non-Reimbursable	\$474,458	HQ	STMD-SAA-ACO20-0012
353	33800	SPACE SYSTEMS LORAL, LLC	Lunar Dust Mitigation on Flexible Solar Arrays	11/6/2020	11/5/2022	Non-Reimbursable	\$965,210	HQ	STMD-SAA-ACO20-0020

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354	33799	Box Elder Innovations, LLC	Enhanced Pulsed Electro-Acoustic Analysis	11/6/2020	11/5/2022	Non-Reimbursable	\$868,613	HQ	STMD-SAA-ACO20-0001
355	33798	Gloyer-Taylor Laboratories, LLC	UCDS Demonstration and Evaluation	11/6/2020	11/5/2022	Non-Reimbursable	\$93,581	HQ	STMD-SAA-ACO20-0004
356	33797	SPACE SYSTEMS LORAL, LLC	Advancing the TRL of Novel Diamond-Like-Coating for Protection of Solar Cell Interconnectors from High-Energy Electric Thruster Plume Erosion	11/6/2020	11/5/2022	Non-Reimbursable	\$268,388	HQ	STMD-SAA-ACO20-0019
357	33795	SPACE SYSTEMS LORAL, LLC	Bang-Bang Propellant Feed System for the 12 kW Hall Thruster	11/6/2020	11/5/2022	Non-Reimbursable	\$461,692	HQ	STMD-SAA-ACO20-0024
358	33794	IN Space, LLC	Rapid Development of Regeneratively Cooled RDRE Chambers for Space Engines	11/6/2020	11/5/2022	Non-Reimbursable	\$950,222	HQ	STMD-SAA-ACO20-0044
359	33772	SPACE EXPLORATION TECHNOLOGIES CORP	Space-rated FOSS Interrogator For Cryogenic Temperature Monitoring In Space	11/6/2020	11/5/2022	Non-Reimbursable	\$539,519	HQ	STMD-SAA-ACO20-0010

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360	33335	Arizona State University	Lucy in Space Grade 6-12 Contest	9/23/2020	10/16/2021	Non-Reimbursable	\$40,000	HQ	
361	33160	Oak Ridge Associated Universities, Inc.	Annex No. 1 Under Umbrella SAA for Increasing Access to STEM Engagement and STEM Education Opportunities and Experiences	12/15/2020	12/15/2025	Non-Reimbursable	\$54,375	HQ	
362	33159	Oak Ridge Associated Universities, Inc.	For Increasing Access to STEM Engagement and STEM Education Opportunities and Experiences	12/15/2020	12/15/2025	Non-Reimbursable	\$0	HQ	
363	33145	Discovery Education, Inc.	Non-Reimbursable Space Act Agreement for K-12 STEM Engagement and Education	11/10/2020	11/10/2025	Non-Reimbursable	\$75,625	HQ	33145
364	32858	Microsoft Corporation	Annex 9 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	\$35,250	HQ	SAA-AD-18-26048
365	32857	STEM Next Opportunity Fund	For the STEM Next Million Girls Moonshot Initiative	8/27/2020	8/27/2022	Non-Reimbursable	\$95,500	HQ	32856

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366	32856	STEM Next Opportunity Fund	Increasing Access to STEM Engagement and STEM Education Opportunitites and Experiences	8/27/2020	8/27/2025	Non-Reimbursable	\$95,500	HQ	32856
367	32453	Noggin (A subsidiary of Viacom CBS)	ANNEX FOR ARTEMIS-THEMED STEM LEARNING EXPERIENCES FOR PRESCHOOL-AGED CHILDREN AND THEIR FAMILIES	10/20/2020	10/20/2022	Non-Reimbursable	\$54,500	HQ	32453
368	32452	Noggin (A subsidiary of Viacom CBS)	NASA-THEMED STEM LEARNING EXPERIENCES FOR PRESCHOOL-AGED CHILDREN AND THEIR FAMILIES	10/20/2020	10/20/2022	Non-Reimbursable	\$0	HQ	32452
369	32204	LOCKHEED MARTIN	Autonomous Avionics for Risk Reduction Activities	6/1/2020	6/1/2021	Non-Reimbursable	\$141,909	HQ	
370	31562	U.S. SATELLITE LABORATORY, INC	Collaboration on the Endeavor Science Teaching Certificate Project	12/18/2019	12/18/2024	Non-Reimbursable	\$100,350	HQ	
371	31561	U.S. SATELLITE LABORATORY, INC	Collaboraton on Endeavor Science Teacher Certificate Project and STEM Engagement Activities	12/18/2019	12/18/2024	Non-Reimbursable	\$100,350	HQ	

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372	30979	Spirit AeroSystems Inc	NRSAA Between NASA and Spirit AeroSystems Inc Under the Space Technology Announcement of Competitive Opportunity 2019, Improved Durability for a Low-Cost Reusable Launch Vehicle Manufactured via Friction Stir Welding	7/29/2019	7/29/2021	Non-Reimbursable	\$1,143,287	HQ	ACO-2019-070
373	30978	Vulcan Wireless	NRSAA Between NASA and Vulcan Wireless Inc Under the Space Technology Announcement of Competitive Opportunity 2019, Resilience testing of Multi-Mode S-Band Transponder	7/29/2019	7/29/2021	Non-Reimbursable	\$850,000	HQ	ACO-2019-061
374	30977	SPACE EXPLORATION TECHNOLOGIES CORP	NRSAA Between NASA and SpaceX Under the Space Technology Announcement of Competitive Opportunity 2019, Cryogenic Fluid Transfer Technology Demonstration: Technical Assessment and Concept of Operations Definition	7/29/2019	7/29/2021	Non-Reimbursable	\$720,529	HQ	ACO-2019-058
375	30976	BLUE ORIGIN, LLC	NRSAA Between NASA and Blue Origin Under the Space Technology Announcement of Competitive Opportunity 2019, Lunar Lander Advanced Nozzle Collaboration	7/29/2019	7/29/2021	Non-Reimbursable	\$1,229,980	HQ	ACO-2019-053
376	30975	BLUE ORIGIN, LLC	NRSAA Between NASA and Blue Origin Under the Space Technology Announcement of Competitive Opportunity 2019, Precision Safe Lunar Landing System Development	7/29/2019	7/29/2021	Non-Reimbursable	\$995,580	HQ	ACO-2019-051
377	30974	BLUE ORIGIN, LLC	NRSAA Between NASA and Blue Origin Under the Space Technology Announcement of Competitive Opportunity 2019, Primary Fuel Cell Power System for Lunar Landers	7/29/2019	7/29/2021	Non-Reimbursable	\$1,095,554	HQ	ACO-2019-050

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378	30972	Colorado Power Electronics Inc.	NRSAA Between NASA and Colorado Power Electronics Inc Under the Space Technology Announcement of Competitive Opportunity 2019, Qualification and Integration Tests of the Colorado Power Electronics Prototype Development Unit Power Processing Unit with NASA and Commercial Hall Thrusters	7/29/2019	7/29/2021	Non-Reimbursable	\$1,088,855	HQ	ACO-2019-025
379	30971	SPACE EXPLORATION TECHNOLOGIES CORP	NRSAA Between NASA and Space Exploration Technologies (SpaceX) Under the Space Technology Announcement of Competitive Opportunity 2019, Development of Large Vehicle Landing Surface Interaction and In-Situ Resource Based Risk Mitigation	7/29/2019	7/29/2021	Non-Reimbursable	\$1,098,078	HQ	ACO-2019-059
380	30968	LOCKHEED MARTIN	NRSAA Between NASA and Lockheed Martin Under the Space Technology Announcement of Competitive Opportunity 2019, Integration of Autonomous Robotics for Plant-Based Systems in Deep Space	7/29/2019	7/29/2021	Non-Reimbursable	\$148,733	HQ	ACO-2019-077
381	30967	LOCKHEED MARTIN	NRSAA Between NASA and Lockheed Martin Under the Space Technology Announcement of Competitive Opportunity 2019, Advanced Lightweight Powder Metallurgy for Hot Structures	7/29/2019	7/29/2021	Non-Reimbursable	\$991,437	HQ	ACO-2019-075
382	30963	SIERRA NEVADA CORP	NRSAA Between NASA and Sierra Nevada Corporation Under the Space Technology Announcement of Competitive Opportunity 2019, Upper Stage Recovery	7/29/2019	7/29/2021	Non-Reimbursable	\$282,413	HQ	ACO-2019-063
383	30962	SIERRA NEVADA CORP	NRSAA Between NASA and Sierra Nevada Corporation Under the Space Technology Announcement of Competitive Opportunity 2019, Scientifically Calibrated In-Flight Imagery	7/29/2019	7/29/2021	Non-Reimbursable	\$1,022,908	HQ	ACO-2019-062



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384	30961	Aerogel Technologies	NRSAA Between NASA and Aerogel Technologies LLC Under the Space Technology Announcement of Competitive Opportunity 2019, Mechanically Strong Polyimide Aerogels as Multifunctional Acoustic Insulation for Aerospace Applications	7/29/2019	7/29/2021	Non-Reimbursable	\$1,031,149	HQ	ACO-2019-027
385	30960	AEROJET ROCKETDYNE, INC	NRSAA Between NASA and Aerojet Rocketdyne of DE Inc. Under the Space Technology Announcement of Competitive Opportunity 2019, Extensible Robotic Deposition Technology for Propulsion Systems	7/29/2019	7/29/2021	Non-Reimbursable	\$1,057,111	HQ	ACO-2019-024
386	30959	Bally Ribbon Mills	NRSAA Between NASA and Bally Ribbon Mills Under the Space Technology Announcement of Competitive Opportunity 2019, ADEPT Spider Weave Thermal Testing	7/29/2019	7/29/2021	Non-Reimbursable	\$1,013,567	HQ	ACO-2019-023
387	30958	Advance Space LLC	NRSAA Between NASA and Advance Space LLC Under the Space Technology Announcement of Competitive Opportunity 2019, Advancing Lunar Navigation Technologies to Enable Exploration and Commercial Development	7/29/2019	7/29/2021	Non-Reimbursable	\$576,800	HQ	ACO-2019-018
388	30933	SPACE SYSTEMS LORAL, LLC	NRSAA Between NASA and Space Systems Loral LLC Under the Space Technology Announcement of Competitive Opportunity 2019, Advancing Qualification Protocols of Ultra-lightweight 5-junction Solar Cells Applied to Flexible Solar Array Power Modules	7/29/2019	7/29/2021	Non-Reimbursable	\$1,097,521	HQ	ACO-2019-011
389	30924	SPACE SYSTEMS LORAL, LLC	NRSAA Between NASA and Space Systems Loral LLC Under the Space Technology Announcement of Competitive Opportunity 2019, Advanced Packaging Methods for Next-Generation Reflectors	7/29/2019	7/29/2021	Non-Reimbursable	\$1,235,438	HQ	ACO-2019-010

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390	30921	Anashpere Inc.	NRSAA Between NASA and Anasphere Inc, Under the Space Technology Announcement of Competetive Opportunity 2019. Ground Testing of (Hypersonic Inflatable Aerodynamic Decelerator) HIAD Hydrogen Gas Generator	7/29/2019	7/29/2021	Non-Reimbursable	\$458,520	HQ	ACO-2019-002
391	30620	Mercy Corps	Increasing Smallholder Farmer Resilience to Climate Impacts by Integrating Earth Observations into Mercy Corps' AgriFin	8/1/2019	3/29/2022	Non-Reimbursable	\$100,000	HQ	
392	30153	Battelle Education	SCIENCE ENGAGEMENT OPPORTUNITIES FOR THE MARS 2020 PROJECT	6/7/2019	2/28/2021	Non-Reimbursable	\$175,163	HQ	
393	30152	Future Engineers, LLC	SCIENCE ENGAGEMENT OPPORTUNITIES FOR THE MARS 2020 PROJECT	6/10/2019	2/28/2021	Non-Reimbursable	\$175,163	HQ	
394	29345	Mercy Corps	Utilizing Earth Observations for Humanitarian and Development Activities	3/29/2019	3/29/2022	Non-Reimbursable	\$552,379	HQ	
395	29333	Evergreen Exhibitions	Above and Beyond Touring Exhibit	3/29/2019	3/28/2024	Non-Reimbursable	\$10,109	HQ	

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396	29332	Mercy Corps	Utilizing Earth Observations for Humanitarian and Development Activities	3/29/2019	3/29/2022	Non-Reimbursable	\$0	HQ	
397	28421	Tynker Coding for Kids	First Annex Under NRSSA for Engaging Students in NASA-Themed Coding Activities	12/20/2018	12/20/2023	Non-Reimbursable	\$56,599	HQ	28421
398	28420	Neuron Fuel Inc. dba Tynker	NON-REIMBURSABLE UMBRELLA SPACE ACT AGREEMENT WITH FIRST ANNEX FOR ENGAGING STUDENTS IN NASA-THEMED CODING ACTIVITIES	12/20/2018	12/20/2023	Non-Reimbursable	\$0	HQ	28420
399	27937	American Geophysical Union	Cooperate on Planning AbSciCon 2019	6/4/2019	6/3/2021	Non-Reimbursable	\$209,070	HQ	
400	27561	CONSERVATION INTERNATIONAL	Freshwater Health Index	2/22/2018	2/22/2021	Non-Reimbursable	\$251,076	HQ	
401	27304	CONSERVATION INTERNATIONAL	Natural Capital and Ecosystem Accounting	2/22/2018	2/22/2021	Non-Reimbursable	\$618,888	HQ	

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402	27302	CONSERVATION INTERNATIONAL	Assessing Ecosystem Services and Health	2/22/2018	2/22/2021	Non-Reimbursable	\$0	HQ	
403	27229	RFC MEDIA, LLC	Continued Outreach Collaboration on Third Rock Radio	1/30/2020	1/29/2025	Non-Reimbursable	\$6,473	HQ	27229
404	26840	Google Inc	Annex 2 - Google Virtual Reality for Public Engagement	10/16/2017	10/16/2022	Non-Reimbursable	\$35,470	HQ	23261
405	26617	Breakthrough Starshot Foundation, LLC	Enceladus Flyby Mission Concept Study	9/13/2018	9/12/2023	Non-Reimbursable	\$72,834	HQ	
406	26616	Breakthrough Starshot Foundation, LLC	Collaboration on Breakthrough Search for Life	9/13/2018	9/12/2023	Non-Reimbursable	\$0	HQ	
407	24471	BoldlyGo Institute	Non-Reimbursable SAA for the SCIM Mission	2/3/2016	2/2/2021	Non-Reimbursable	\$19,848,195	HQ	24471

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408	24182	American Girl Brands, LLC	American Girl Project Collaboration	10/7/2016	10/7/2021	Non-Reimbursable	\$20,560	HQ	
409	24181	American Girl Brands, LLC	American Girl Collaboration	10/7/2016	10/7/2021	Non-Reimbursable	\$0	HQ	24181
410	23264	Google Inc	Google Expeditions Annex	9/15/2016	9/14/2021	Non-Reimbursable	\$37,221	HQ	23261-1
411	23261	Google Inc	Google Education and Public Engagement Umbrella	9/15/2016	9/14/2021	Non-Reimbursable	\$0	HQ	23261
412	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	\$22,773	HQ	22689
413	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	22689

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414	21797	Eureka Exhibits, LLC	Be The Astronaut Traveling Exhibit	4/13/2016	4/13/2021	Non-Reimbursable	\$11,343	HQ	MOB-1
415	14267	The Conrad Foundation	Conrad Foundation Umbrella	12/13/2013	12/13/2021	Non-Reimbursable	-----	HQ	SAA-AD-13-14267
416	33258	Citrus College	Pathways in STEM: Cross-Sector Partnerships, Experiential Learning, and Professional Development	12/15/2020	12/15/2025	Reimbursable	-----	JPL	
417	32753	Ball Aerospace and Technologies	Ball Operational Weather Instrument Evolution (BOWIE) Geosynchronous Earth Orbit Sounder Study	7/22/2020	5/22/2021	Reimbursable	-----	JPL	
418	32492	York Space Systems	Low Earth Orbit SounderSat Mission Concept Study	6/10/2020	3/10/2021	Reimbursable	-----	JPL	
419	32460	UNIVERSITY OF ARIZONA	Instrument Feasibility Study for Greenhouse Gas Detection	6/3/2020	6/3/2021	Reimbursable	-----	JPL	

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420	32436	Leidos	Terrestrial Weather Imager for Geosynchronous Earth Orbit Instrument Study	5/21/2020	3/21/2021	Reimbursable	-----	JPL	
421	31774	The University of Maryland	Exploitation of COSMIC-2 Data in Numerical Weather Prediction	12/8/2020	12/8/2021	Reimbursable	-----	JPL	
422	31616	ASTROBOTIC TECHNOLOGY, INC	Deep Space Network Services Support	4/15/2020	2/15/2022	Reimbursable	-----	JPL	
423	31570	PaR Systems, LLC	Piezoelectric Percussive Augmenter of Rotary Drill (PARoD) for Sampling Cores from Fuel Debris – Phase 2	1/31/2020	1/31/2023	Reimbursable	-----	JPL	
424	30629	LOUISIANA STATE UNIVERSITY	Synthetic Aperture Radar Interferometry (InSAR) Evaluation in Support of Louisiana Regional Geospatial Modeling	12/16/2019	9/30/2023	Reimbursable	-----	JPL	82-105663
425	30354	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	Augmented Reality Computer-Aided Design Visualizations	9/10/2019	1/10/2022	Reimbursable	-----	JPL	

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426	29920	Photon Spot, Inc.	Superconducting Nanowire Single Photon Detector Technology Development	3/27/2019	4/27/2022	Reimbursable	-----	JPL	
427	29811	Leidos, Inc.	Maritime Autonomy Enhancements for Sea Hunter II	1/9/2020	1/9/2022	Reimbursable	-----	JPL	
428	29799	HARRIS CORP	Navigation Technology Satellite-3 Geosynchronous Earth Orbit Experiment	4/10/2019	4/10/2023	Reimbursable	-----	JPL	
429	29565	Tendeg LLC	Cubesat-Based Polarimetric Passive Microwave Radiometer for Ocean Vector Winds Measurements	6/13/2019	6/13/2021	Reimbursable	-----	JPL	
430	28319	THE AEROSPACE CORPORATION	EMPIRICAL STUDIES OF RADIATION DAMAGE TO SPACECRAFT ELECTRONICS AND MATERIALS	5/17/2019	5/17/2024	Reimbursable	-----	JPL	
431	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	



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432	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	
433	26523	Northrop Grumman Systems Corporation	Support the Development of Advanced Ground Antennas for the US Government	3/19/2018	3/28/2021	Reimbursable	-----	JPL	
434	25621	GeoOptics, Inc.	GeoOptics for Advanced Gravity Mapping and Crosslink Occultation	7/26/2017	2/28/2022	Reimbursable	-----	JPL	
435	24877	Raytheon Vision 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	
436	23388	Placidus LLC	Production of Smart-Wire Driven by a Vibratory Piezoelectric Actuator and a Rotary Motor for Penetrating Occlusions	12/6/2016	1/31/2021	Reimbursable	-----	JPL	
437	23050	NYSEARCH / Northeast Gas Association (NGA)	DEVELOP METHANE SNIFFER FOR A SMALL UNMANNED AERIAL SYSTEM (MS-SUAV)	9/6/2016	6/28/2021	Reimbursable	-----	JPL	

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438	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	
439	22012	RKI Instruments	Methane Sniffer Commercialization	3/29/2016	2/28/2022	Reimbursable	-----	JPL	
440	20611	Direct Electron LP	BSI Development for Scientific CMOS Image Sensors	6/21/2016	1/31/2022	Reimbursable	-----	JPL	
441	20421	California Department of Water Resources	Subseasonal Prediction of Atmospheric Rivers and the Madden-Julian Oscillation for Water Management in California	6/14/2016	8/31/2021	Reimbursable	-----	JPL	
442	19471	Skull Base Institute	Development of 3D-Multi-Angle Rear-Viewing Endoscopic Tool (3D-MARVEL) - Phase 3, Clinical-Trial-Ready Prototype	1/26/2016	1/31/2021	Reimbursable	-----	JPL	
443	17868	Consolidated Edison Company of New York, Inc.	Advanced Health Monitoring of Steam Pipe Systems – Phase IIIA	7/22/2015	7/31/2021	Reimbursable	-----	JPL	

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444	13464	Space Exploration Technologies	SURFACE CHEMICAL AND MATERIALS ANALYSIS OF SPACECRAFT HARDWARE	9/26/2012	2/27/2022	Reimbursable		-----	JPL	
445	11998	The Boeing Company	Ionizing Radiation Evaluation of Materials and Semiconductor Devices	5/16/2012	4/1/2021	Reimbursable		-----	JPL	
446	33367	INTUITIVE MACHINES, LLC	Annex to Development of Lunar Lander Systems Technologies for Propellant Tanks	11/30/2020	12/31/2021	Reimbursable		-----	JSC	SAA-XA-20-33367-04
447	33026	GENERAL MOTORS, LLC	Thermal Runaway Cell Testing for Vent Gas Analysis (Annex 2)	11/20/2020	11/20/2022	Reimbursable		-----	JSC	SAA-EA-20-33026
448	32919	UNIVERSITY OF TEXAS MEDICAL BRANCH	UTMB DIETETIC STUDENT EXPERIENCE AT NASA	8/12/2020	8/12/2025	Non-Reimbursable	\$37,971		JSC	32919
449	32916	FXC Corporation/Guardian Parachute	Mechanical Parachute Reefing Release Mechanism	10/23/2020	10/23/2022	Non-Reimbursable	\$99,912		JSC	

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450	32690	ARMAND BAYOU NATURE CENTER	Environmental Education Programs	7/23/2020	7/23/2025	Non-Reimbursable	\$19,075	JSC	SAA-JA-32690
451	32623	Texas A&M Engineering Experiment Station	Reimbursable Space Act Agreement Between National Aeronautics and Space Administration and Texas A&M Engineering Experiment Station for Texas Aerospace Scholars	9/3/2020	9/3/2022	Reimbursable	-----	JSC	SAA-AD-20-32623
452	32418	UNIVERSITY OF TEXAS	Collaboration in Robotics Technology	4/10/2020	3/10/2025	Non-Reimbursable	\$130,206	JSC	SAA-EA-20-32418
453	32361	Techshot, Inc.	Techshot Commercial Resource Request	5/20/2020	5/20/2022	Reimbursable	-----	JSC	
454	32319	Adidas America, Inc	Annex One for Collaboration on Materials and Technolgies	6/16/2020	6/16/2025	Non-Reimbursable	\$10,458	JSC	SAA-OA-20-32319-01
455	32253	TECHSHOT, INC	TECHSHOT ISS RESEARCH HARDWARE	5/29/2020	5/29/2025	Non-Reimbursable	\$24,483	JSC	SAA-OZ-20-32253

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456	32239	Space Commerce Matters	TO COLLABORATE WITH NASA TO CONDUCT COMMERCIAL ACTIVITIES ON THE INTERNATIONAL SPACE STATION	5/4/2020	5/4/2022	Reimbursable	-----	JSC	SAA-OZ-20-32239
457	32236	Adidas America, Inc	COLLABORATION ON ADVANCED MATERIALS AND TECHNOLOGIES	6/16/2020	6/16/2025	Non-Reimbursable	\$0	JSC	SAA-OA-20-32236
458	32079	WOUNDED WARRIOR PROJECT	HOUSTON SOLDIER RIDE	3/31/2020	3/31/2025	Non-Reimbursable	\$7,270	JSC	SAA-JA-20-32079
459	32068	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	7/16/2020	12/31/2021	Reimbursable	-----	JSC	SAA-AD-20-32068
460	32049	JACOBS TECHNOLOGY, INC	AMENDMENT NO. 03 TO ANNEX NO. 03 FOR THE NON-GOVERNMENT USE OF THE NASA JOHNSON SPACE CENTER ENGINEERING DIRECTORATE VIBRATION, ACOUSTIC, THERMAL & VACUUM, ELECTROMAGNETIC INTERFERENCE (EMI), ANTENNA TEST, AND MANUFACTURING FACILITIES	2/11/2020	4/30/2022	Reimbursable	-----	JSC	SAA-EA-20-32049
461	32031	JOHNSON SPACE CENTER RADIO CONTROL CLUB	NON-REIMBURSABLE SPACE ACT FOR RADIO CONTROLLED AIRPLANE OPERATIONS	5/7/2020	5/7/2025	Non-Reimbursable	\$6,061	JSC	SAA-JA-20-32031

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462	31994	Collaborative Composites Solutions Corporation	Annex 2 - Development of Additive Manufacturing Techniques for Spacecraft Structures and Heat Shields	3/26/2020	3/15/2024	Non-Reimbursable	\$78,286	JSC	SAA-EA-19-29452
463	31987	Chemring Energetic Devices	Development of Next Generation Ordnance Initiating System Architecture & Design	7/20/2020	7/20/2025	Non-Reimbursable	\$201,686	JSC	SAA-EA-20-31987
464	31923	MERIDIAN HEALTH SYSTEMS	MICROWAVE TISSUE SOLDERING FOR WOUND CLOSURE	4/6/2020	4/6/2022	Reimbursable	-----	JSC	SAA-EA-20-31923
465	31791	Texas A&M Engineering Experiment Station	Collaborative Research in Hypersonic Flow Physics	2/18/2020	2/18/2022	Non-Reimbursable	\$16,371	JSC	SAA-EA-20-31791
466	31778	NANORACKS, LLC	CONDUCT COMMERCIAL ACTIVITIES ON THE INTERNATIONAL SPACE STATION: NANORACKS	12/18/2019	12/18/2021	Reimbursable	-----	JSC	31778
467	31740	BLUE ORIGIN, LLC	Advanced Development of Main Engine Igniter	2/8/2020	2/8/2021	Reimbursable	-----	JSC	SAA-XA-19-29343

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468	31734	IOWA NORTHWEST AREA EDUCATION AGENCY	Space Settlement Design Competition	7/8/2020	7/8/2023	Reimbursable	-----	JSC	SAA-XA-20-31734
469	31729	TECHNOLOGY COLLABORATION CENTER	Collaboration & Partnership Development Initiative	8/11/2020	8/11/2025	Non-Reimbursable	\$138,761	JSC	SAA-XA-20-31729
470	31717	VIRGIN GALACTIC, LLC	Vigin Galactic Private Astronaut Mission	5/15/2020	5/15/2025	Non-Reimbursable	\$27,095	JSC	SAA-OA-20-31717
471	31715	TEXAS INSTRUMENTS, INC	ISS 20th Anniversary Student Challenge	3/20/2020	3/20/2021	Non-Reimbursable	\$160,053	JSC	SAA-AD-20-31715
472	31714	TEXAS INSTRUMENTS, INC	Strategic Alliance for STEM Engagement and Outreach Activities	3/17/2020	3/17/2025	Non-Reimbursable	\$0	JSC	SAA-AD-20-31714
473	31619	Alpha Space Test and Research Alliance LLC	CONDUCT COMMERCIAL ACTIVITIES ON THE INTERNATIONAL SPACE STATION	12/18/2019	12/18/2021	Reimbursable	-----	JSC	

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474	31569	Cubic Corporation	WB-57 Support of Cubic HALO	4/29/2020	4/28/2021	Reimbursable	-----	JSC	
475	31386	UNIVERSITY OF ILLINOIS	Aero-capture and Atmospheric Entry, Descent, and Landing Guidance, Navigation, and Control (GN&C)	2/28/2020	2/28/2025	Non-Reimbursable	\$29,056	JSC	SAA-EA-20-31386
476	31322	The Proctor & Gamble Company	Laundry Detergent for Space	8/18/2020	8/18/2022	Non-Reimbursable	\$111,504	JSC	SAA-EA-20-31322
477	31321	The Proctor & Gamble Company	Cleaning in Space	8/18/2020	8/18/2025	Non-Reimbursable	\$0	JSC	SAA-EA-20-31321
478	31167	FAIRCOUNT MEDIA GROUP	International Space Station 20 Years of Continuous Human Presence in Space Magazine	2/12/2020	5/12/2021	Non-Reimbursable	\$4,504	JSC	
479	31150	UNIVERSITY OF TEXAS	Hypersonic Environment and Material Response Testing and Research	3/10/2020	3/10/2025	Non-Reimbursable	\$81,372	JSC	SAA-EA-20-31150



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480	31149	UNIVERSITY OF TEXAS	Collaborative Research, Technology Transfer, Education and Outreach Activities	3/10/2020	3/10/2025	Non-Reimbursable	\$0	JSC	SAA-EA-20-31149
481	31124	HOUSTON INDEPENDENT SCHOOL DISTRICT	Annex to existing umbrella - Collaboration for STEM Engagement, Education, and Community Outreach Activities	11/15/2019	8/27/2023	Reimbursable	-----	JSC	SAA-AD-18-27594
482	30784	WILLIAM MARSH RICE UNIVERSITY	HUMANOID ROBOTICS AND RELATED TECHNOLOGIES	3/10/2020	3/10/2025	Reimbursable	-----	JSC	SAA-EA-19-30784
483	30783	WILLIAM MARSH RICE UNIVERSITY	COLLABORATIVE TECHNOLOGY DEVELOPMENT, INNOVATION, AND RESEARCH	3/10/2020	3/10/2025	Reimbursable	-----	JSC	SAA-EA-19-30783
484	30679	NANORACKS, LLC	OPERATION OF THE NANORACKS SYSTEM ABOARD THE INTERNATIONAL SPACE STATION	7/31/2019	7/31/2024	Non-Reimbursable	\$24,597	JSC	
485	30536	Science Applications International Corporation	Annex 1 between NASA JSC and SAIC for Testing in the RITF	2/10/2020	2/10/2025	Reimbursable	-----	JSC	SAA-NA-20-30536-01

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486	30535	Science Applications International Corporation	Reimbursable Umbrella Agreement between NASA JSC and SAIC	2/10/2020	2/10/2025	Reimbursable	-----	JSC	SAA-NA-20-30535
487	30388	Katy Independent School District	MEMORANDUM OF AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND KATY INDEPENDENT SCHOOL DISTRICT FOR NASA CONTINUITY OF OPERATIONS PROGRAM	9/30/2019	9/30/2024	Non-Reimbursable	\$0	JSC	SAA-JA-20-30388
488	30163	WILLIAM MARSH RICE UNIVERSITY	Annex 9 for Collaborative Research, Education and Outreach Activities	9/4/2019	5/2/2022	Non-Reimbursable	\$43,654	JSC	SAA-EA-19-30163
489	30120	GENERAL MOTORS, LLC	Battery Analysis and Testing	1/27/2020	1/27/2021	Reimbursable	-----	JSC	SAA-EA-19-30120
490	30119	GENERAL MOTORS, LLC	Engineering Analysis and Testing for Advanced Technology Development	1/27/2020	1/27/2025	Reimbursable	-----	JSC	SAA-EA-19-30119
491	30108	Orbital Sciences Corporation, a wholly owned subsidiary of Northrup Grumman Innovation Systems	JSC/SGT Annex to Cryogenically - Fueled Upper Stage Technologies	8/28/2019	8/27/2022	Reimbursable	-----	JSC	SAA8-1726082

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492	29996	Houston Cinema Arts Society	HCAS Film Festival	10/29/2019	12/31/2020	Non-Reimbursable	\$296,952	JSC	
493	29921	Smart Information Flow Technologies	Monitoring Emergent Duress Under Long Lasting Allostasis (MEDULLA)	11/3/2019	11/3/2021	Reimbursable	-----	JSC	
494	29865	Manned Space Flight Education Foundation, Inc.	NON-REIMBURSBLE SAA WITH MANNED SPACEFLIGHT EDUCATION FOUNDATION, INC. FOR COLLABORATIVE EDUCATION AND OUTREACH ACTIVITIES	7/15/2019	7/15/2024	Non-Reimbursable	\$3,095	JSC	SAA-AD-19-29865
495	29840	Texas A&M Engineering Experiment Station	Student Projects Derived from NBL Analysis and Design Cases	6/3/2019	6/3/2021	Non-Reimbursable	\$2,763	JSC	29840
496	29824	Underwriters Laboratories Inc.	Battery Analysis and Testing	7/3/2019	7/3/2021	Reimbursable	-----	JSC	SAA-EA-19-29824
497	29823	Underwriters Laboratories Inc.	Engineering Analysis and Testing for Advanced Technology Development	7/3/2019	7/3/2024	Reimbursable	-----	JSC	SAA-EA-19-29823

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498	29812	RED.com, Inc.	RED Digital Cinema Core Camera for ISS	1/23/2020	1/23/2025	Non-Reimbursable	\$1,271,505	JSC	29812
499	29736	Harris County Sheriff's Office	Performance of Training Events for First Responders at the Neutral Buoyancy Laboratory	8/25/2020	8/31/2021	Reimbursable	-----	JSC	
500	29557	UNIVERSITY OF WASHINGTON	Mental Modes Cycles	5/29/2019	5/29/2021	Reimbursable	-----	JSC	
501	29456	Houston Exponential	Cooperative Community Outreach Activities	6/6/2019	6/6/2024	Non-Reimbursable	\$227,792	JSC	SAA-XA-19-29456
502	29452	Collaborative Composites Solutions Corporation	Collaboration for Advanced Manufacturing Techniques	3/15/2019	3/15/2024	Non-Reimbursable	\$0	JSC	SAA-EA-19-29452
503	29366	Axiom Space, Inc.	Flight Operations Directorate Axiom Training	9/23/2019	8/27/2024	Reimbursable	-----	JSC	SAA-OA-19-29366-01

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504	29365	Axiom Space, Inc.	Low-Earth Orbit Commercial Development Utilizing the ISS	8/27/2019	8/27/2024	Reimbursable	-----	JSC	SAA-19-OA-29365
505	29343	BLUE ORIGIN, LLC	Engineering Analysis and Testing	2/8/2020	2/8/2025	Reimbursable	-----	JSC	SAA-EA-20-29343
506	29150	Microsoft Corporation	ANNEX NUMBER 7 For Inquiry and Project-based Activities to Visualize Data Across STEM Subjects	6/19/2019	6/19/2021	Non-Reimbursable	\$60,488	JSC	SAA-AD-18-26048-07
507	28973	SGT, LLC	NASA JSC/SGT Vendor Partner Agreement	9/10/2019	9/10/2024	Reimbursable	-----	JSC	SAA-CA-19-28973
508	28812	UNIVERSITY OF HOUSTON	SAA with University of Houston for Collaborative Research, Technology Transfer, Education and Outreach Activities	11/5/2018	11/5/2023	Non-Reimbursable	\$0	JSC	SAA-CA-19-28812
509	28679	Ben Barber Innovation Academy	High School Students United with NASA to Create Hardware (HUNCH) Program	10/3/2018	10/2/2023	Non-Reimbursable	\$14,111	JSC	SAA-OZ-18-28679

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510	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
511	28527	N-SCIENCE, INC	Asteroid Exploration Mission Concept Development	8/20/2019	8/20/2022	Non-Reimbursable	\$15,126	JSC	SAA-XA-19-28527
512	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
513	28379	BiVACOR Inc.	Analysis of Artificial Heart System for In-Human Testing	10/1/2019	10/1/2021	Reimbursable	-----	JSC	SAA-NA-20-28379-01
514	28378	BiVACOR Inc.	SAFETY, RELIABILITY, AND ENGINEERING ANALYSES OF THE BIVACOR TOTAL ARTIFICIAL HEART	10/1/2019	10/1/2024	Reimbursable	-----	JSC	SAA-NA-20-28378
515	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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516	28307	DreamUp	Collaboration in Support of Educational Outreach	8/1/2018	7/31/2023	Non-Reimbursable	\$34,139	JSC	SAA-OZ-18-28307
517	28182	SOUTHWEST RESEARCH INSTITUTE	Commercialization of NASA's NASGRO software	11/21/2018	11/21/2023	Non-Reimbursable	\$196,654	JSC	SAA-EA-19-28182
518	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	2/12/2018	2/12/2021	Non-Reimbursable	\$14,640	JSC	SAA-AD-18-26048
519	28089	Alvin High School	For Students Collaborating with NASA to Produce Hardware or Other Useful Products under the High School Students Unified with NASA to Create Hardware (HUNCH) Program	9/20/2018	9/19/2023	Non-Reimbursable	\$57,440	JSC	SAA-OZ-18-28089
520	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	2/12/2019	2/12/2022	Non-Reimbursable	\$193,256	JSC	SAA-AD-18-28036-04
521	28012	Prairie 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

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522	27894	Space Family Education, Inc	Aaron Cohen Child Care Center	6/27/2019	6/27/2024	Non-Reimbursable	\$2,102,672	JSC	SAA-XA-18-27894
523	27827	WILLIAM MARSH RICE UNIVERSITY	Rice University Annex 6 JSC Partnership in Water Reuse Development for Human Exploration Missions	6/25/2018	5/2/2022	Non-Reimbursable	\$112,175	JSC	SAA-EA-18-27827
524	27635	University of Houston-Clear Lake	Annex 1 for Collaborative Research, Technology Transfer, and Education Activities	8/27/2019	8/27/2021	Non-Reimbursable	\$8,139	JSC	SAA-XA-19-27635
525	27634	University of Houston-Clear Lake	Umbrella for Collaborative Research, Technology Transfer, and Education Activities	8/23/2019	8/23/2024	Non-Reimbursable	\$0	JSC	SAA-XA-19-27634
526	27601	THE REGENTS OF THE UNIVERSITY OF COLORADO	Life and Microgravity Science Research Support	5/8/2019	5/7/2022	Non-Reimbursable	\$24,037	JSC	SAA-OZ-18-27601
527	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



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528	27517	Rocklin Unified School	HIGH SCHOOL STUDENTS COLLABORATING WITH NASA TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH PROGRAM	5/8/2018	5/8/2023	Non-Reimbursable	\$12,603	JSC	SAA-OZ-18-27517
529	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
530	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
531	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
532	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
533	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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534	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	1/18/2023	Non-Reimbursable	\$112,831	JSC	SAA-OZ-17-26933
535	26826	THE BOEING COMPANY	WB-57 Technology Demonstrator Platform	2/14/2018	2/13/2022	Reimbursable	-----	JSC	
536	26763	UNITED LAUNCH ALLIANCE, LLC	Commercial Space Launch Vehicle Mission Insight	2/16/2018	10/2/2021	Reimbursable	-----	JSC	SAA-UA3-17-26763
537	26762	UNITED LAUNCH ALLIANCE, LLC	Commercial Space Launch Vehicle Developments	2/5/2018	2/5/2023	Reimbursable	-----	JSC	SAA-UA3-17-26762
538	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
539	26277	NORTH CAROLINA STATE UNIVERSITY	Annex 2 to Collaborative Aerospace Research, Development, and Testing Opportunities	10/13/2017	10/13/2021	Non-Reimbursable	\$17,165	JSC	SAA-EA-17-26277

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540	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
541	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
542	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
543	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
544	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	9/30/2022	Reimbursable	-----	JSC	SAA-CA-17-26023-5
545	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	9/30/2022	Reimbursable	-----	JSC	SAA-CA-17-26021-04

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546	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	9/30/2022	Reimbursable		-----	JSC	SAA-CA-26017-03
547	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	9/30/2022	Reimbursable		-----	JSC	SAA-CA-17-26016-02
548	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	9/30/2022	Reimbursable		-----	JSC	SAA-CA-17-26007-01
549	26006	Raytheon Intelligence, Information and Services	Umbrella Agreement Authorizing Commercialization Activities Under the Neutral Buoyancy Laboratory (NBL) Operations Contract (NOC) Contract	9/27/2017	9/30/2022	Reimbursable		-----	JSC	SAA-CA-17-26006
550	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
551	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	10/26/2017	10/26/2022	Non-Reimbursable	\$40,783		JSC	SAA-OZ-17-25999

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552	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
553	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
554	25143	WILLIAM MARSH RICE UNIVERSITY	Collaborative Research, Education and Outreach Activities	5/2/2017	5/3/2022	Non-Reimbursable	\$0	JSC	SAA-XA-17-25143
555	25102	Greater Houston Partnership	Cooperative Community Outreach Activities	8/9/2017	8/9/2022	Non-Reimbursable	\$589,059	JSC	SAA-XA-17-25102
556	24920	The SME Education Foundation	SME Hunch A	3/1/2017	2/28/2022	Non-Reimbursable	\$150,502	JSC	SAA-OA-17-24920
557	24788	Shell International Exploration & Production Company	Safety, Reliability, and Engineering Analysis for Deep Water Drilling Projects	2/16/2017	5/16/2022	Reimbursable	-----	JSC	SAA-NA-17-24788

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558	24777	Bay Area Houston Advanced Technology Consortium	Failure Analysis	2/7/2017	2/7/2022	Reimbursable		----- JSC	
559	24763	Bay Area Houston Advanced Technology Consortium	NASA Safety Training Center Classes	2/7/2017	2/7/2022	Reimbursable		----- JSC	
560	24615	Bay Area Houston Advanced Technology Consortium	RITF Workmanship Training	2/7/2017	2/7/2022	Reimbursable		----- JSC	SAA-NA-17-24615-01
561	24614	Bay Area Houston Advanced Technology Consortium	Technology Partnerships	2/7/2017	2/7/2022	Reimbursable		----- JSC	
562	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
563	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	11/1/2017	11/1/2022	Non-Reimbursable	\$236,218	JSC	SAA-OZ-17-24326

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564	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
565	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
566	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
567	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
568	23270	Axiom Space, LLC	LOW-EARTH ORBIT COMMERCIAL DEVELOPMENT	8/24/2016	8/24/2021	Non-Reimbursable	\$270,725	JSC	
569	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

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570	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
571	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
572	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
573	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
574	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
575	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



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576	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
577	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
578	22103	WYLE LABORATORIES, INC.	NASA NEUTRAL BUOYANCY LABORATORY FACILITY USAGE AGREEMENT	4/10/2017	5/31/2021	Reimbursable	-----	JSC	SAA-SA-16-22103-02
579	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
580	21932	WYLE LABORATORIES, INC.	HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	5/31/2016	5/31/2021	Reimbursable	-----	JSC	SAA-SA-16-21932
581	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

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582	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
583	21367	NanoRacks, LLC	Low-Earth Orbit Commercial Services Development	5/17/2016	5/17/2021	Non-Reimbursable	\$11,002,835	JSC	SAA-OA-16-21367
584	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
585	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	2/29/2016	3/1/2021	Non-Reimbursable	\$140,684	JSC	SAA-OA-15-21130
586	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
587	20719	Carbon3D	Carbon 3D Material Printing Collaboration for Lightweight Multi-functional Structures	6/22/2016	6/22/2021	Non-Reimbursable	\$0	JSC	SAA-EA-16-20719

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588	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
589	19449	Jacobs Technology Inc.	Annex 14 to NASA JSC Non-Government Use Of Facilities Umbrella Agreement	3/12/2015	4/30/2022	Reimbursable		-----	JSC	SAA-EA-15-19449
590	19348	Jacobs Technology Inc.	annex to NASA JSC Non-Government Use Of Facilities Umbrella Agreement	3/10/2015	4/30/2022	Reimbursable		-----	JSC	SAA-EA-15-19348
591	18884	United Launch Alliance	COMMERCIAL SPACE CAPABILITIES COLLABORATION	12/18/2014	6/30/2022	Non-Reimbursable	\$72,171,186		JSC	SAA-QA-14-18884
592	18883	SpaceX	COMMERCIAL SPACE CAPABILITIES COLLABORATION	12/18/2014	3/31/2022	Non-Reimbursable	\$3,675,899		JSC	SAA-QA-14-18883
593	18881	ATK SPACE SYSTEMS INC	COMMERCIAL SPACE CAPABILITIES COLLABORATION	12/18/2014	12/31/2022	Non-Reimbursable	\$1,918,680		JSC	SAA-QA-14-18881

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594	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	4/30/2022	Reimbursable	-----	JSC	SAA-EA-14-17138
595	16682	BEMER	Prototype Countermeasure Garment for Enhancing Microcirculation	3/12/2015	3/12/2021	Non-Reimbursable	\$10,587	JSC	SAA-EA-15-16682
596	16521	The Houston Zoo	Attwater's Prairie Chicken Project	5/12/2014	5/12/2024	Non-Reimbursable	\$46,152	JSC	SAA-JA-13-16521
597	15032	Jacobs Technology Inc.	Annex 4 to NASA JSC Non-Government Use Of Facilities Umbrella Agreement - Advanced Materials, Gas Ananlysis, Material Evaluation Labs	6/28/2013	4/30/2022	Reimbursable	-----	JSC	SAA-EA-13-15032
598	14945	Jacobs Technology Inc.	Annex 3 to NASA JSC Non-Government Use Of Facilities Umbrella Agreement - Vibration, Acoustic, Tnermal, Vacuum and EMI Testing	6/28/2013	4/30/2022	Reimbursable	-----	JSC	SAA-EA-13-14945
599	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-13-14944

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600	14708	Jacobs Technology Inc.	Annex 1 to NASA JSC Non-Government Use Of Facilities Umbrella Agreement - Utilize the NASA JSC Engineering Directorate Structures Test Laboratory (STL) to perform Fracture Mechanics Properties Testing	6/11/2013	4/30/2022	Reimbursable	-----	JSC	SAA-EA-13-14708
601	14705	Jacobs Technology Inc.	NASA JSC Non-Government Use Of Facilities Umbrella Agreement	5/13/2013	4/30/2022	Reimbursable	-----	JSC	SAA-EA-13-14705
602	33893	THE BOEING COMPANY	KCA-4515-10, Annex 10 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	12/16/2020	3/31/2021	Reimbursable	-----	KSC	KCA-4515-10 Rev Basic
603	33885	ASRC Federal Data Solutions	Annex 30 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	12/18/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4559-30 Rev Basic
604	33871	ASRC Federal Data Solutions	Annex 28 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	12/17/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4559-28 Rev Basic
605	33792	ORBITAL ATK, INC	KCA-4500-11, Annex 11 to Reimbursable Umbrella SAA between KSC and Orbital Sciences Corporation for Use of Center Capabilities	12/15/2020	6/30/2021	Reimbursable	-----	KSC	KCA-4500-11 Rev Basic

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606	33736	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	Annex 8 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	11/16/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4660-8 Rev Basic
607	33726	SPACE EXPLORATION TECHNOLOGIES CORP	KCA-4513-22, Annex 22 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	11/16/2020	9/30/2022	Reimbursable	-----	KSC	KCA-4513-22 Rev Basic
608	33677	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	Annex 7 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	11/16/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4660-7 Rev Basic
609	33641	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	Annex 5 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	11/2/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4660-5 Rev Basic
610	33633	ASRC Federal Data Solutions	Annex 27 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	10/28/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4559-27 Rev Basic
611	33609	AMENTUM SERVICES, INC.	Annex 6 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	11/12/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4662-6 Rev Basic

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612	33608	AMENTUM SERVICES, INC.	Annex 5 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	11/12/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4662-5 Rev Basic
613	33607	AMENTUM SERVICES, INC.	Annex 4 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	11/12/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4662-4 Rev Basic
614	33593	AMENTUM SERVICES, INC.	Annex 3 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	11/12/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4662-3 Rev Basic
615	33592	AMENTUM SERVICES, INC.	Annex 2 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	11/12/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4662-2 Rev Basic
616	33588	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-34, Annex 34 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	10/21/2020	2/21/2023	Reimbursable	-----	KSC	KCA-4556-34 Rev Basic
617	33570	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	Annex 6 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	11/2/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4660-6 Rev Basic

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618	33564	THE BOEING COMPANY	KCA-4515-9, Annex 9 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	11/17/2020	9/30/2022	Reimbursable	-----	KSC	KCA-4515-9 Rev Basic
619	33561	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	Annex 4 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/21/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4660-4 Rev Basic
620	33551	SPACE EXPLORATION TECHNOLOGIES CORP	KCA-4513-21, Annex 21 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	10/15/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4513-21 Rev Basic
621	33540	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	Annex 3 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/16/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4660-3 Rev Basic
622	33494	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	Annex 2 to Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/7/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4660-2 Rev Basic
623	33461	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/7/2020	9/30/2022	Reimbursable	-----	KSC	KCA-4660 Rev Basic



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624	33421	AMENTUM SERVICES, INC.	Annex 1 to Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	11/2/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4662-1 Rev Basic
625	33420	AMENTUM SERVICES, INC.	Fully Reimbursable Umbrella SAA between NASA and Amentum Services, Inc. for C3PW	10/29/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4662 Rev Basic
626	33413	Jacobs Technologies Inc.	Annex 4 to Fully Reimbursable Umbrella SAA between NASA and Jacobs Technology Inc for C3PW	9/24/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4604-4 Rev Basic
627	33334	THE BOEING COMPANY	KCA-4515-8, Annex 8 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	9/15/2020	3/31/2021	Reimbursable	-----	KSC	KCA-4515-8 Rev Basic
628	33316	The Astronauts Memorial Foundation	KCA-4659, Rev. Basic, Lease Agreement for Center for Space Education (CSE) Space at the Astronauts Memorial Foundation (AMF)	9/30/2020	9/30/2022	Non-Reimbursable	\$0	KSC	KCA-4659 Rev Basic
629	33179	SPACE EXPLORATION TECHNOLOGIES CORP	KCA-4513-20, Annex 20 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	8/25/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4513-20 Rev Basic

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630	32952	SPACE FLORIDA, AN INDEPENDENT SPECIAL DISTRICT OF THE STATE OF FLORIDA	KCA-4548-10, Annex 10 to Reimbursable Space Act Agreement with Space Florida for Use of Center Capabilities	7/17/2020	3/31/2021	Reimbursable	-----	KSC	KCA-4548-10 Rev Basic
631	32784	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-33, Annex to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	6/11/2020	2/21/2023	Reimbursable	-----	KSC	KCA-4556-33 Rev Basic
632	32750	KT Engineering Corporation	KCA-4650-1, Annex No. 1 to the Fully Reimbursable Umbrella SAA Between NASA KSC and KT Engineering Corp. for Ground Systems Design Review	9/1/2020	9/1/2025	Reimbursable	-----	KSC	KCA-4650-1 Rev Basic
633	32749	KT Engineering Corporation	KCA-4650, Rev. Basic Fully Reimbursable Umbrella SAA Between NASA KSC and KT Engineering Corp. for Use of Center Capabilities	9/1/2020	9/1/2025	Reimbursable	-----	KSC	KCA-4650 Rev Basic
634	32438	Blue Origin Florida, LLC	KCA-4555-11, Annex to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	4/10/2020	9/30/2021	Reimbursable	-----	KSC	KCA-4555-11
635	32301	Blue Origin Florida, LLC	KCA-4555-9, Annex to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	3/23/2020	12/31/2020	Reimbursable	-----	KSC	KCA-4555-9 Rev Basic

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636	32262	Space Perspective, Inc.	KCA-4641-1, Annex No. 1 to the Fully Reimbursable Umbrella SAA Between NASA KSC and Space Perspective, Inc. for Historical Weather Data Analysis	4/27/2020	4/27/2025	Reimbursable	-----	KSC	KCA-4641-1 Rev Basic
637	32261	Space Perspective, Inc.	KCA-4641, Rev. Basic Fully Reimbursable Umbrella SAA Between NASA KSC and Space Perspective, Inc. for Use of Center Capabilities	4/27/2020	4/27/2025	Reimbursable	-----	KSC	KCA-4641 Rev Basic
638	32230	UNITED LAUNCH ALLIANCE, LLC	KCA-4556-31, Annex 31 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	3/13/2020	2/21/2023	Reimbursable	-----	KSC	KCA-4556-31 Rev Basic
639	32039	Blue Origin Florida, LLC	Annex 8 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	2/21/2020	12/3/2023	Reimbursable	-----	KSC	KCA-4555-8 Rev Basic
640	31983	ASRC Federal Data Solutions	Annex 21 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	2/7/2020	12/31/2020	Reimbursable	-----	KSC	KCA-4559-21 Rev Basic
641	31927	The Astronauts Memorial Foundation	KCA-4638, Revision Basic for Reimbursable Space Act Agreement Between NASA KSC and the Astronaut Memorial Foundation, Inc. for Services at the Center for Space Education	6/5/2020	6/4/2025	Reimbursable	-----	KSC	KCA-4638

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642	31878	Blue Origin Florida, LLC	Annex No. 7 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	1/27/2020	12/31/2023	Reimbursable		----- KSC	KCA-4555-7 Rev Basic
643	31744	ASRC Federal Data Solutions	Annex 20 to Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	12/18/2019	12/31/2020	Reimbursable		----- KSC	KCA-4559-20 Rev Basic
644	31537	UNITED LAUNCH ALLIANCE, LLC	Annex No. 28 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	11/14/2019	2/21/2023	Reimbursable		----- KSC	KCA-4556-28 Rev Basic
645	31382	THE BOEING COMPANY	KCA-4515-7, Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities	10/17/2019	8/21/2023	Reimbursable		----- KSC	KCA-4515-7 Rev. Basic
646	31293	UNITED LAUNCH ALLIANCE, LLC	Annex No. 27 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities	9/25/2019	2/21/2023	Reimbursable		----- KSC	KCA-4556-27 Rev Basic
647	31241	Eastern Florida State College	High Schools United with NASA to Create Hardware (HUNCH)	10/22/2019	10/22/2024	Non-Reimbursable	\$28,331	KSC	KCA-4629

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648	31127	THE BOEING COMPANY	Annex No. 3 to Reimbursable Umbrella SAA between NASA KSC and The Boeing Company for Use of Center Capabilities (KCA-4515-3)	9/13/2019	9/30/2021	Reimbursable		-----	KSC	KCA-4515-3 Rev Basic
649	31059	RUAG Space USA, Inc	Annex No. 3 to Reimbursable Umbrella SAA with RUAG SPACE USA, INC for NASA Testing Services	10/2/2019	10/2/2021	Reimbursable		-----	KSC	KCA-4544-3 Rev Basic
650	30997	SPACE EXPLORATION TECHNOLOGIES CORP	Annex No. 18 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for Use of Kennedy Space Center Capabilities	9/16/2019	9/30/2022	Reimbursable		-----	KSC	KCA-4513-18 Rev Basic
651	30833	SPACE COAST MACHINIST APPRENTICESHIP PROGRAM, INC.	KCA-4625, Nonreimbursable Space Act Agreement Between the National Aeronautics and Space Administration John F. Kennedy Space Center and Space Coast Machinist Apprenticeship Program for High Schools United with NASA to Create Hardware (HUNCH) Program	10/24/2019	10/24/2024	Non-Reimbursable	\$28,397		KSC	KCA-4625 Rev Basic
652	30770	UNITED LAUNCH ALLIANCE, LLC	Annex No. 24 to Fully Reimbursable SAA between United Launch Alliance, LLC and NASA for Use of Center Capabilities (KCA-4556-24)	7/19/2019	2/21/2023	Reimbursable		-----	KSC	KCA-4556-24 Rev Basic
653	30683	ORBITAL ATK, INC	Annex No. 6 to Reimbursable Umbrella SAA between KSC and Orbital Sciences Corporation for Use of Center Capabilities (KCA-4500-6)	7/18/2019	1/31/2021	Reimbursable		-----	KSC	KCA-4500-6 Rev Basic

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654	30673	ORBITAL ATK, INC	Annex No. 7 to Reimbursable Umbrella SAA between KSC and Orbital Sciences Corporation for Use of Center Capabilities (KCA-4500-7)	7/18/2019	1/31/2021	Reimbursable		-----	KSC	KCA-4500-7 Rev Basic
655	30659	RELATIVITY SPACE, INC	KCA-4622-1, Annex No. 1 to the Reimbursable Umbrella Space Act Agreement with Relativity Space for NASA Testing of Material Corrosion Characterization Study, Phases 1 and 2	8/13/2019	8/13/2022	Reimbursable		-----	KSC	KCA-4622-1 Rev Basic
656	30658	RELATIVITY SPACE, INC	KCA-4622, Reimbursable Umbrella Space Act Agreement between NASA KSC and Relativity Space, Inc for NASA Testing Services	8/13/2019	8/13/2024	Reimbursable		-----	KSC	KCA-4622 Rev Basic
657	30494	UNIVERSITY OF DAYTON	Annex No. 2 to Reimbursable Umbrella SAA between KSC and University of Dayton for Corrosion Testing (KCA-4550-2)	9/11/2019	12/22/2022	Reimbursable		-----	KSC	KCA-4550-2 Rev Basic
658	30480	Full Sail University	Nonreimbursable Space Act Agreement Between The National Aeronautics and Space Administration John F. Kennedy Space Center and Full Sail University for Furtherance of STEM Learning by Providing a Senior Software Design Project	12/9/2019	12/9/2021	Non-Reimbursable	\$20,058		KSC	KCA-4628 Rev Basic
659	30396	ORBITAL ATK, INC	Annex No. 5 to Reimbursable Umbrella SAA between KSC and Orbital Sciences Corporation for Use of Center Capabilities	6/5/2019	1/31/2021	Reimbursable		-----	KSC	KCA-4500-5 Rev Basic

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660	30212	Blue Origin Florida, LLC	Annex No.5 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities	4/25/2019	12/3/2023	Reimbursable		----- KSC	KCA-4555-5 Rev Basic
661	30165	Jacobs Technologies Inc.	Fully Reimbursable Umbrella SAA between NASA and Jacobs Technology Inc for C3PW	4/29/2019	9/30/2021	Reimbursable		----- KSC	KCA-4604 Rev Basic
662	30086	ORBITAL ATK, INC	Annex No. 4 to Reimbursable Umbrella SAA between KSC and Orbital Sciences Corporation for Use of Center Capabilities	4/10/2019	12/31/2020	Reimbursable		----- KSC	KCA-4500-4 Rev Basic
663	30047	Blue Origin Florida, LLC	Annex No. 4 to Fully Reimbursable Umbrella SAA Between NASA KSC and Blue Origin Florida, LLC for Use of Center Capabilities (KCA-4555-4)	4/5/2019	12/3/2023	Reimbursable		----- KSC	KCA-4555-4 Rev Basic
664	29903	ASTRONAUTS MEMORIAL FOUNDATION	Nonreimbursable SAA between NASA and the Astronaut Memorial Foundation for a NASA Exploration Station	4/5/2019	4/5/2024	Non-Reimbursable	\$1,082,832	KSC	KCA-4605 Rev Basic
665	29841	Winston-Salem State University	KSC Food Production and Winston-Salem State University	7/24/2019	7/24/2023	Non-Reimbursable	\$85,105	KSC	KCA-4611 Rev Basic

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666	29816	SIERRA LOBO, INC	Nonreimbursable SAA between Sierra LOBO INC. and NASA KSC for development, Operations, and Data Analysis for a Cryogenic Fluid Management Cubesat Mission (KCA-4600)	7/26/2019	7/26/2024	Non-Reimbursable	\$174,984	KSC	KCA-4600 Rev Basic
667	29814	Florida League of Cities	Reimbursable Umbrella SAA between NASA KSC and Florida League of Cities for Development and Demonstration of Sustainable Composites (KCA-4601)	7/1/2019	7/1/2024	Reimbursable	-----	KSC	KCA-4601 Rev Basic
668	29804	Astrotech Space Operations, LLC	KCA-4603, Nonreimbursable Space Act Agreement Between NASA KSC and Astrotech Space Operations, LLC for Reciprocal Access to Fiber Optic Communications Circuit	8/21/2019	8/21/2024	Non-Reimbursable	\$172,855	KSC	KCA-4603 Rev. Basic
669	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	12/3/2023	Reimbursable	-----	KSC	KCA-4555-3 Rev Basic
670	29729	Blazing Trails	KCA-4606, Nonreimbursable Space Act Agreement Between the National Aeronautics and Space Administration John F. Kennedy Space Center and Blazing Trails for High Schools United with NASA to Create Hardware (HUNCH) Program	5/8/2019	5/8/2024	Non-Reimbursable	\$48,432	KSC	KCA-4606 Rev Basic
671	29653	Pressure Dynamic Consultants PDC Machines Inc.	Research and Development of Hydrogen Liquid to Gas Conversion Machine	6/5/2019	12/5/2021	Reimbursable	-----	KSC	KCA-4598-1 Rev Basic



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672	29652	Pressure Dynamic Consultants PDC Machines Inc.	Reimbursable Umbrella SAA with PDC for High Pressure Hydrogen Pump Research and Testing	6/5/2019	12/5/2021	Reimbursable	-----	KSC	KCA-4598 Rev Basic
673	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
674	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	12/31/2020	Reimbursable	-----	KSC	KCA-4556-14 Rev Basic
675	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
676	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	2/21/2023	Reimbursable	-----	KSC	KCA-4556-13 Rev Basic
677	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

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678	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
679	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
680	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	12/3/2023	Reimbursable	-----	KSC	KCA-4555-1 Rev. Basic
681	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
682	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	8/21/2023	Reimbursable	-----	KSC	KCA-4515-4 Rev Basic
683	29191	Volusia County Schools	KCA-4591, Nonreimbursable SAA between NASA, KSC and Volusia County Schools for High School Students United with NASA to Create Hardware (HUNCH) Program Participation with Volusia County Schools	3/7/2019	3/7/2024	Non-Reimbursable	\$70,444	KSC	KCA-4591 Rev Basic

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684	29174	Lake Technical College	KCA-4590, Nonreimbursable SAA between NASA, KSC and Lake Technical College for 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
685	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	2/21/2023	Reimbursable	-----	KSC	KCA-4556-11 Rev Basic
686	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	9/30/2022	Reimbursable	-----	KSC	KCA-4513-11 Rev Basic
687	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
688	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	2/21/2023	Reimbursable	-----	KSC	KCA-4556-7 Rev Basic
689	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	1/31/2021	Reimbursable	-----	KSC	KCA-4500-2 Rev Basic

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690	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
691	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
692	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
693	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
694	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
695	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	2/28/2021	Reimbursable		----- KSC	KCA-4581 Rev Basic

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696	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
697	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
698	27911	University of Florida	Nonreimburseable 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
699	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
700	27641	ASRC Federal Data Solutions	Fully Reimbursable Umbrella SAA between NASA and ASRC Federal Data Solutions for C3PW	2/26/2018	9/30/2021	Reimbursable	-----	KSC	KCA-4559 Rev Basic
701	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

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702	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
703	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
704	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
705	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
706	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
707	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

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708	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
709	27356	FLORIDA INSTITUTE 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	6/29/2021	Non-Reimbursable	\$24,543	KSC	KCA-4471-4 Rev Basic
710	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
711	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
712	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
713	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

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714	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
715	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
716	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
717	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
718	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
719	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



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720	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
721	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
722	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
723	26245	PPG Industries, Inc	Reimbursable SAA between NASA and PPG Industries, Inc for PPG Coatings Agreement	12/20/2017	12/19/2021	Reimbursable		-----	KSC	KCA-4554 Rev Basic
724	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
725	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

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726	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
727	24609	SEMINOLE COUNTY PUBLIC SCHOOLS	KCA-4517, Nonreimbursable SAA between NASA KSC and the School Board of Seminole County, FL for High School Students United with NASA to Create Hardware (HUNCH) Program Participation	10/19/2017	10/19/2022	Non-Reimbursable	\$277,277	KSC	KCA-4517
728	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	6/29/2021	Non-Reimbursable	\$106,645	KSC	KCA-4471-3
729	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
730	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
731	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

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732	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 Rev Basic
733	23983	Blue Origin	Nonreimbursable SAA between NASA and Blue Origin for Commercial Space Capabilities Collaboration	4/15/2016	4/15/2021	Non-Reimbursable	\$248,453	KSC	KCA-4502 Rev. Basic
734	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
735	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
736	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
737	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

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738	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
739	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
740	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
741	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
742	20723	Space Florida	Property Agreement between NASA KSC and Space Florida for The Transfer of Operations and Management of the Shuttle Landing Facility	6/22/2015	6/22/2045	Reimbursable	-----	KSC	KCA-4412
743	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

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744	10940	Space Florida, an independent special district of the state of Florida	Real Property Use Permit between NASA KSC and Space Florida for the Use of the Orbiter Processing Facility 3, The Space Shuttle Main Engine Processing Facility, and the Processing Control Center	10/6/2011	6/1/2027	Reimbursable		----- KSC	KCA-4311
745	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
746	3798	Spaceport Florida Authority	REAL PROPERTY USE PERMIT BETWEEN NASA AND SPACEPORT FLORIDA AUTHORITY FOR DESIGN, CONSTRUCTION, AND OPERATION OF SERPL	4/5/2001	10/3/2033	Reimbursable		----- KSC	KCA-1683-BASIC
747	3786	Florida Space Authority	USE PERMIT FOR DESIGN, CONSTRUCTION & ACTIVATION OF A FLIGHT VEHICLE FACILITY AT TOWWAY SITE	11/1/1999	12/31/9999	Non-Reimbursable		----- KSC	KCA-1487-BASIC
748	33359	LOCKHEED MARTIN	Heat Pipe Cooled Forebody Demonstrator	9/24/2020	9/24/2021	Reimbursable		----- LaRC	SAA1-28174, Annex 2
749	33329	Hexcel Corporation	Investigation of Novel Usage of Embedded High Resistance Caps	9/15/2020	6/15/2022	Non-Reimbursable	\$18,976	LaRC	SAA1-33328, Annex 1

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750	33328	Hexcel Corporation	Investigation of Manufacturing Techniques for Novel Acoustic Liners	9/15/2020	9/15/2025	Non-Reimbursable	\$0	LaRC	SAA1-33328
751	33323	The Governors School for Science and Technology	STEM Education Collaboration	9/24/2020	9/24/2023	Non-Reimbursable	\$49,366	LaRC	SAA1-33323
752	33217	UNIVERSITY OF NOTRE DAME	Cone-Transpose Study and testing in the Langley Aerothermodynamics Laboratory	11/12/2020	9/30/2022	Non-Reimbursable	\$242,218	LaRC	SAA1-33217
753	33115	National Institute of Aerospace	LABORATORY AND FACILITY USE FOR BNNT RESEARCH	10/1/2020	9/30/2021	Reimbursable	-----	LaRC	SAA1-31764, Annex 3
754	32960	SPECTRAL ENERGIES, LLC (SE)	High-Speed, Noninvasive, Multi-Parameter Laser Diagnostics for Transonic Flows	7/22/2020	7/22/2022	Non-Reimbursable	\$66,615	LaRC	SAA1-32960
755	32909	Airflow Sciences Corporation	Acoustic Liner Design for Air Amplifier	7/15/2020	1/15/2021	Reimbursable	-----	LaRC	SAA1-32909

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756	32894	Techmer PM	Evaluation of Lunar Dust Simulant Adhesion on Advanced Commercial Materials	9/15/2020	5/15/2022	Non-Reimbursable	\$14,416	LaRC	SAA1-32894
757	32878	Psionic, LLC	Psionic Engineering Test Unit (ETU) Navigation Doppler Lidar (NDL) 2020	7/17/2020	9/30/2021	Reimbursable	-----	LaRC	SAA1-23647, Annex 5
758	32810	IKONICS Corporation	Evaluation of Facesheets with Variable Geometry	8/13/2020	2/12/2022	Non-Reimbursable	\$6,226	LaRC	SAA1-32809, Annex 1
759	32809	IKONICS Corporation	Investigation of Liner Facesheet Manufacturing Innovations	8/13/2020	8/12/2025	Non-Reimbursable	\$0	LaRC	SAA1-32809
760	32793	Radford University	NASA's Modeling and Simulation-Based Educator Professional Development (EPD) Workshop for High School Mathematics	8/3/2020	8/3/2021	Non-Reimbursable	\$23,513	LaRC	SAA1-32792, Annex 1
761	32792	Radford University	Collaboration between NASA and Radford University's Modeling and Simulation Institute	8/3/2020	8/3/2025	Non-Reimbursable	\$0	LaRC	SAA1-32792

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762	32735	National Institute of Aerospace	Transition Prediction and Control for Blunt Hypersonic Configurations with Hemispherical and Ogival Nosedtips	7/22/2020	3/31/2023	Reimbursable	-----	LaRC	SAA1-31764, ANNEX 2
763	32700	Worcester Polytechnic Institute	Research Collaboration between Worcester Polytechnic Institute and NASA Langley Research Center	7/20/2020	7/20/2025	Non-Reimbursable	\$65,084	LaRC	SAA1-32700
764	32663	Mississippi State University	Stitched/Resin-Infused Composites Material Characterization and Sub-Component Development	10/2/2020	6/20/2022	Non-Reimbursable	\$216,363	LaRC	SAA1-32662, Annex 1
765	32662	Mississippi State University	Cooperative Stitched Composite Structures Development and Characterization	10/2/2020	10/2/2025	Non-Reimbursable	\$0	LaRC	SAA1-32662
766	32651	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	Dynamic Balance Proof of Concept Study	9/3/2020	9/30/2022	Non-Reimbursable	\$270,898	LaRC	SAA1-32651
767	32644	University of California San Diego	Investigation of bulk metallic glass materials for space applications	11/17/2020	11/17/2022	Non-Reimbursable	\$9,016	LaRC	SAA1-32643-ANNEX 1



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768	32643	University of California San Diego	COLLABORATIVE AEROSPACE RESEARCH AND OUTREACH	11/17/2020	11/17/2025	Non-Reimbursable	\$0	LaRC	SAA1-32643
769	32615	STRATOLAUNCH SYSTEMS CORP	STRATOLAUNCH TESTING IN THE UNITARY PLAN WIND TUNNEL	8/21/2020	12/6/2021	Reimbursable	-----	LaRC	SAA2-403221, Annex 6
770	32602	Purdue University	Investigation of Wear-Resistant Materials for Space Applications	7/16/2020	7/16/2022	Non-Reimbursable	\$9,016	LaRC	SAA1-32601-ANNEX 1
771	32601	Purdue University	COLLABORATIVE AEROSPACE RESEARCH AND OUTREACH	7/16/2020	7/16/2025	Non-Reimbursable	\$0	LaRC	SAA1-32601
772	32576	Carnegie Mellon University	Carnegie Mellon University (CMU) Collaboration with NASA LaRC on the Research and Development of the Qualification of Additively Manufactured Parts	7/13/2020	7/13/2025	Non-Reimbursable	\$675,579	LaRC	SAA1-32576
773	32508	UNIVERSITY OF NORTH DAKOTA	Investigation of Novel Wear-Resistant Materials for Space Applications	7/24/2020	7/24/2023	Non-Reimbursable	\$39,258	LaRC	SAA1-32507

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774	32507	UNIVERSITY OF NORTH DAKOTA	Collaborative Aerospace and Resarch	7/24/2020	7/24/2025	Non-Reimbursable	\$0	LaRC	SAA1-32507
775	32502	BLUE ORIGIN, LLC	Buffet Pressure Database Development	7/9/2020	9/30/2021	Reimbursable	-----	LaRC	SAA1-32502
776	32450	L3HARRIS TECHNOLOGIES, INC.	Antenna Radar Cross Section Testing	12/15/2020	9/30/2021	Reimbursable	-----	LaRC	SAA1-32449, ANNEX 1
777	32449	L3HARRIS TECHNOLOGIES, INC.	Aerospace Research Development Testing and Evaluation Support	12/15/2020	12/15/2025	Reimbursable	-----	LaRC	SAA1-32449
778	32389	Innoveering, LLC	Mach Sensor Testing in the Arc-Heated Scramjet Test Facility	8/12/2020	9/30/2021	Non-Reimbursable	\$102,709	LaRC	SAA1-32389
779	32352	Rosemount Aerospace - Collins Aerospace	SUPPORT FOR NASA TRAFFIC AWARE STRATEGIC AIRCREW REQUEST (TASAR) SOFTWARE	8/25/2020	8/25/2021	Reimbursable	-----	LaRC	SAA1-32352

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780	32320	THE UNIVERSITY OF TEXAS AT SAN ANTONIO	Shock Wave Boundary Layer Interactions	11/19/2020	9/30/2021	Non-Reimbursable	\$328,711	LaRC	SAA1-32320
781	32298	THE VIRGINIA AIR AND SPACE CENTER AND CITY OF HAMPTON	A Joint Public Lecture Series Entitled The Sigma Series	7/30/2020	7/30/2025	Non-Reimbursable	\$105,598	LaRC	SAA1-32298
782	32252	Blue Origin, LLC	Provide Forced Oscillation Testing in Transonic Dynamics Tunnel for the Blue Origin Crew Capsule	11/4/2020	11/4/2021	Reimbursable	-----	LaRC	SAA2-403403, Annex 2
783	32177	BLUE ORIGIN, LLC	COLLABORATION ON SYSTEMS ENGINEERING PROCESSES FOR VERIFICATION AND VALIDATION OF LAUNCH VEHICLE REQUIREMENTS	4/23/2020	2/28/2021	Non-Reimbursable	\$175,117	LaRC	SAA1-32177
784	32166	VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY	Air Quality Monitoring Site	8/13/2020	8/13/2025	Non-Reimbursable	\$47,380	LaRC	IA1-32166
785	32044	National Institute for Aviation Research- Wichita State University (niar)	Composites NDE standards library and database administration	4/24/2020	4/24/2025	Non-Reimbursable	\$23,548	LaRC	SAA1-32044

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786	32037	Hermeus Corporation	High Mach Aircraft Research and Development Collaboration	11/9/2020	11/9/2021	Non-Reimbursable	\$540,705	LaRC	SAA1-32036
787	32036	Hermeus Corporation	Collaboration for Aerospace Research, Development and Testing	11/9/2020	11/9/2025	Non-Reimbursable	\$0	LaRC	SAA1-32036
788	31998	Lehigh University	Mentoring for University Technical Entrepreneurship Program	3/27/2020	3/27/2021	Non-Reimbursable	\$2,550	LaRC	SAA1-31998
789	31765	National Institute of Aerospace	Novel Concepts for Transition Delay in Hypersonic Boundary Layers Support	7/17/2020	3/31/2023	Reimbursable	-----	LaRC	SAA1-31764, Annex 1
790	31764	National Institute of Aerospace	RESEARCH, EDUCATIONAL OUTREACH, AND TESTING ACTIVITIES	7/17/2020	7/17/2025	Reimbursable	-----	LaRC	SAA1-31764
791	31665	THE SPACESHIP COMPANY	Collaboration to Commercialize High Mach Aircraft	3/20/2020	3/20/2021	Non-Reimbursable	\$523,836	LaRC	SAA1-31663, Annex 1

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792	31663	THE SPACESHIP COMPANY	Collaboration to Commercialize High Mach Aircraft	3/20/2020	3/20/2025	Non-Reimbursable	\$0	LaRC	SAA1-31663
793	31504	New York University	Machine Vision Applied to Additive Manufacturing Melt Pool Boundary Analysis	9/11/2020	3/11/2021	Non-Reimbursable	\$21,415	LaRC	SAA1-31504
794	31490	Test Resources Management Center	SKYRANGE CAPABILITY DEVELOPMENT, DEMONSTRATION AND TRANSITION TO UNITED STATES AIR FORCE	5/26/2020	4/21/2022	Reimbursable	-----	LaRC	IA1-24848, Annex 5
795	31475	The Boeing Company	Automated Fiber Placement Simulation Tool Development	4/9/2020	8/31/2021	Non-Reimbursable	\$199,503	LaRC	SAA1-31475
796	31409	ASX Composites	Co-Cure-Ply Materials Development	11/26/2019	9/30/2021	Non-Reimbursable	\$123,983	LaRC	SAA1-31409
797	31340	Lockheed Martin	Advanced Additive Manufacturing Technologies	12/10/2019	12/10/2021	Non-Reimbursable	\$11,917	LaRC	SAA1-31340

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798	31335	Massachusetts Institute of Technology Lincoln Laboratory	PoliMi 8x8 SPAD Array Module Proton Test	1/23/2020	1/23/2021	Non-Reimbursable	\$22,504	LaRC	SAA1-31335
799	31252	North Carolina State University	Wind Tunnel Testing of Pressure Sensitive Paint	11/12/2019	11/12/2021	Non-Reimbursable	\$92,816	LaRC	SAA1-23398, Annex 5
800	31141	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.	Acoustic Liner Acoustic and Drag Evaluation	10/9/2019	1/15/2021	Reimbursable	-----	LaRC	SAA1-31140, Annex 1
801	31140	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.	Evaluation of Acoustic Liners for Fan Noise Reduction	10/9/2019	10/9/2024	Reimbursable	-----	LaRC	SAA1-31140
802	31071	Genetoo, Inc.	Laser Surface Treatment and Analysis of Metal Alloys for Adhesion Mitigation	9/30/2019	12/31/2021	Non-Reimbursable	\$87,711	LaRC	SAA1-31071
803	31038	The Boeing Company	annex to AEROSPACE RESEARCH AND DEVELOPMENT	10/22/2019	3/31/2021	Reimbursable	-----	LaRC	SAA1-21619, Annex 6

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804	30948	Honda Aircraft Company LLC	Honda Aircraft Company Wind Tunnel Testing	9/5/2019	9/5/2022	Reimbursable	-----	LaRC	SAA1-30948
805	30865	Purdue University	Hypersonic Boundary Layer Cone Fin and Cone Flap Studies	3/23/2020	9/30/2021	Non-Reimbursable	\$357,283	LaRC	SAA1-25183, Annex 2
806	30776	University of Maryland	Support of Fluid-Structure Interactions Testing, Part 2, in LaRC 20-Inch Mach 6 Tunnel	12/5/2019	9/30/2021	Non-Reimbursable	\$164,703	LaRC	SAA1-25454, Annex 3
807	30706	MOOG, INC	AEROSPACE RESEARCH TECHNOLOGY AND DEVELOPMENT	1/18/2020	1/18/2025	Non-Reimbursable	\$0	LaRC	SAA1-30706
808	30638	NORTH CAROLINA STATE UNIVERSITY	HIGH-FIDELITY MODEL DEVOPMENT FOR SCRAMJET COMBUSTOR FLOWPATHS	8/12/2019	9/30/2021	Non-Reimbursable	\$75,603	LaRC	SAA1-23398, Annex 4
809	30606	BNNT, LLC	DEVELOPMENT AND OPTIMIZATION OF BORON NITRIDE NANOTUBES	8/21/2019	8/21/2024	Non-Reimbursable	\$0	LaRC	SAA1-30606

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810	30581	The Boeing Company	Unique CFD Validation Data Using the High Lift Common Research Model (CRM-HL) from the Qinetiq 5M Wind Tunnel	8/12/2019	8/12/2021	Non-Reimbursable	\$184,193	LaRC	SAA1-23831, Annex 12
811	30465	The Boeing Company	Flight Evaluation of NASA Langleys Safeguard Technology	5/4/2020	5/4/2022	Non-Reimbursable	\$46,272	LaRC	SAA1-23831, Annex 11
812	30237	HRL Laboratories, LLC	Evaluation of Aerospace Coatings for Mitigation of Environmental Contaminants	9/30/2019	9/30/2021	Reimbursable	-----	LaRC	SAA1-30237
813	30164	SIKORSKY AIRCRAFT CORP	Stroking Main Rotor Gearbox and Lower Fuselage Gun Mount Drop Test	9/17/2019	5/31/2021	Reimbursable	-----	LaRC	SAA1-30164
814	30082	AURORA FLIGHT SCIENCES CORP	High-Efficiency Electrified Aircraft Thermal Research	9/3/2019	1/3/2021	Non-Reimbursable	\$191,549	LaRC	SAA1-30082
815	29851	Exothermics, Inc.	Thermochemical Response of UHT Hypersonic Leading-Edge Candidates	3/26/2019	9/30/2021	Reimbursable	-----	LaRC	SAA1-29851



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816	29737	Florida State University	Validation of a Liner Drag Measurement/Computational Tool	3/19/2019	3/19/2021	Non-Reimbursable	\$14,020	LaRC	SAA1--29737
817	29707	Calspan-University at Buffalo Research Center	FREESTREAM MEASUREMENT TESTING	3/6/2019	9/30/2021	Non-Reimbursable	\$2,256	LaRC	SAA1-29707
818	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
819	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
820	29213	Purdue University	Deployable Composite Solar Sail Structural Research	2/21/2019	2/21/2024	Non-Reimbursable	\$0	LaRC	SAA1-29213
821	29171	Virginia Polytechnic Institute and State University	ThinSat Boom Technology Demonstration Project	12/13/2018	5/31/2021	Non-Reimbursable	\$32,727	LaRC	SAA1-23392, Annex 5

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822	28891	The Boeing Company	Evaluation of Novel Aircraft Engine Liner Concepts	11/6/2018	3/31/2021	Reimbursable	-----	LaRC	SAA1-21619, Annex 5
823	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
824	28790	Wichita State University	Investigation of Metallic Foams for Acoustic Liner Applications	10/1/2018	4/1/2021	Non-Reimbursable	\$14,970	LaRC	SAA1-28789, Annex 1
825	28789	Wichita State University	Acoustic and Aero Liner Research	10/1/2018	10/1/2023	Non-Reimbursable	\$0	LaRC	SAA1-28789
826	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
827	28193	Virginia Polytechnic Institute and State University	Flight Evaluation of NASA Langley's Safeguard Technology	5/9/2019	5/9/2021	Non-Reimbursable	\$56,987	LaRC	SAA1-23392, Annex 3

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828	28174	LOCKHEED MARTIN	Revolutionary Fabrication Methods and Materials Testing of Advanced Materials	7/17/2018	7/17/2023	Reimbursable		-----	LaRC	SAA1-28174
829	27921	Tech Center LLC	Cooperative Research Activities In Manufacturing Technologies	7/13/2018	7/13/2023	Reimbursable		-----	LaRC	SAA1-27921
830	27829	Boom Supersonic	Aerospace Research and Development	5/8/2018	5/8/2023	Reimbursable		-----	LaRC	SAA1-27829
831	27785	George Mason University	Interatomic Potential Development for Molecular Dynamics Simulations	5/31/2018	5/31/2023	Non-Reimbursable	\$278,363		LaRC	SAA1-27785
832	27533	DoD Test Resources Management Center	HALAS Technology Demonstration	2/11/2019	12/31/2020	Reimbursable		-----	LaRC	IA1-24848, Annex 4
833	27263	BLACK LABORATORIES, LLC	Materials Characterization	4/18/2018	4/18/2022	Reimbursable		-----	LaRC	SAA1-27263

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834	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	\$626,489	LaRC	SAA1-27243
835	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
836	26728	Hyperloop Transportation Technologies	Research, Development, and Testing of Aerospace Technologies	1/30/2018	1/30/2023	Reimbursable	-----	LaRC	26728
837	26688	GENERAL ELECTRIC COMPANY	Assessment of Novel Acoustic Liner Concepts	3/2/2018	12/31/2020	Non-Reimbursable	\$100,548	LaRC	SAA1-26688
838	26344	ALASKA AIRLINES	Research and Development Collaboration	9/25/2017	9/25/2022	Non-Reimbursable	\$0	LaRC	SAA1-26344
839	25839	THE BOEING COMPANY	Free Spin Test in NASA Langley 20-Foot Vertical Spin Tunnel	9/29/2017	3/31/2021	Reimbursable	-----	LaRC	SAA1-21619, Annex 4

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840	25717	PPG Industries, Inc.	Research Toward Aerospace Coatings for Mitigation of Environmental Contaminants	9/21/2017	6/30/2021	Non-Reimbursable	\$43,068	LaRC	SAA1-25717
841	25551	JOHN HOPKINS APPLIED PHYSICS LABORATORY	Multifunctional Hypersonic Materials and Coatings	5/10/2017	12/31/2021	Reimbursable	-----	LaRC	SAA1-25551
842	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
843	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
844	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
845	24848	Test Resources Management Center	Hypersonic Test and Technology Development	4/21/2017	4/21/2022	Reimbursable	-----	LaRC	IA1-24848

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846	24799	Johns Hopkins University	Discovery to Market Project	1/24/2017	6/30/2021	Non-Reimbursable	\$11,697	LaRC	SAA1-24799
847	24743	The Boeing Company	Swept Wing Natural Laminar Flow Research	12/19/2016	3/31/2021	Reimbursable	-----	LaRC	SAA1-21619, Annex 3
848	24738	Gulfstream Aerospace Corporation	Aeroacoustic Research Activities	2/3/2017	2/3/2022	Non-Reimbursable	\$0	LaRC	SAA1-24738
849	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
850	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
851	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

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852	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
853	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
854	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
855	24186	Fayetteville State University	COLLABORATIVE AEROSPACE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	12/15/2016	12/15/2021	Non-Reimbursable	\$0	LaRC	SAA1-24186
856	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
857	24034	The Boeing Company	Flight Deck Systems and Operations Research	1/20/2017	1/20/2022	Non-Reimbursable	\$816,127	LaRC	SAA1-24034

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858	24017	Textron Aviation, Inc.	Laboratory and Flight Aeronautical Research	4/5/2017	4/5/2022	Non-Reimbursable	\$0	LaRC	SAA1-24017
859	23957	Newport News Public School District	High School Students United with NASA to Create Hardware (HUNCH) Program	10/23/2016	10/23/2021	Non-Reimbursable	\$0	LaRC	SAA1-23957
860	23938	Genedge Alliance	Cooperative Research Activities in Manufacturing Technologies	10/7/2016	10/7/2021	Reimbursable	-----	LaRC	SAA1-23938
861	23831	The Boeing Company	Aerospace Research Development	2/3/2017	2/3/2022	Non-Reimbursable	\$0	LaRC	SAA1-23831
862	23827	Tech Center LLC	Cooperative Research Activities in Manufacturing Technologies	7/5/2017	7/5/2022	Non-Reimbursable	\$0	LaRC	SAA1-23827
863	23647	Psionic, LLC	Space Technology Commercialization for Measurement and Materials Applications	12/16/2016	12/16/2021	Reimbursable	-----	LaRC	SAA1-23647



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864	23579	GenEdge Alliance	Cooperative Research Activities in Manufacturing Technologies	2/23/2017	2/23/2022	Non-Reimbursable	\$0	LaRC	SAA1-23579
865	23461	University of Florida	Collaborative Research, Development,, and Testing	12/12/2016	12/12/2021	Non-Reimbursable	\$0	LaRC	SAA1-23461
866	23398	North Carolina State University	COLLABORATIVE AEROSPACE R ESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	6/20/2017	6/20/2022	Non-Reimbursable	\$0	LaRC	SAA1-23398
867	23392	Virginia Polytechnic Institute and State University	Collaborative Research, Development, and Testing Oportunities	11/16/2016	11/16/2021	Non-Reimbursable	\$0	LaRC	SAA1-23392
868	23227	Materials Research and Design, Inc. MR&D	HIGH TEMPERATURE MATERIALS TECHNICAL SUPPORT	1/4/2017	9/30/2021	Reimbursable	-----	LaRC	SAA1-23227
869	23219	TEXAS A&M ENGINEERING EXPERIMENT STATION	PARTICIPATION IN COOPERATIVE RESEARCH AND DEVELOPMENT PROJECTS	11/4/2016	11/4/2021	Non-Reimbursable	\$70,317	LaRC	SAA1-23219

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870	22925	Sierra Nevada Corporation	Engineering Services, Analysis and Testing in support of SNCs Vehicle/Technology Development	9/6/2016	9/6/2021	Reimbursable	-----	LaRC	SAA1-22925
871	22749	Raytheon Corporation	Sensor Risk Reduction Tests	12/21/2016	12/21/2021	Reimbursable	-----	LaRC	SAA1-22746, Annex 1
872	22747	Dominion Virginia Power	UAV Autonomous Inspection of Transmission Lines	6/9/2016	6/9/2021	Non-Reimbursable	\$0	LaRC	SAA1-22747
873	22746	Raytheon Corporation	Optical Remote Sensing for Space Applications in Robotics and Surveillance	12/21/2016	12/21/2021	Reimbursable	-----	LaRC	SAA1-22746
874	22628	Southern Company	UAV Autonomous Inspection of Transmission Lines	6/3/2016	6/3/2021	Reimbursable	-----	LaRC	SAA1-22628
875	22625	idoodledu	Support Of The Cubes In Space Initiative	7/22/2016	7/22/2021	Non-Reimbursable	\$30,014	LaRC	SAA1-22625

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876	22217	Infrasonix-Inc	Infrasonix Stethoscope Evaluation Over Human Subjects	11/28/2017	11/28/2022	Reimbursable	-----	LaRC	SAA1-22217
877	22064	Huntington Ingalls Incorporated	Manufacturing, Research and Development Activities	10/31/2016	10/31/2021	Reimbursable	-----	LaRC	SAA1-22064
878	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
879	21741	Oklahoma State University	COLLABORATIVE AEROSPACE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	2/4/2016	2/4/2021	Non-Reimbursable	\$0	LaRC	SAA1-21741
880	21620	The Boeing Company	SURFACE CONTAMINATION INSPECTION TECHNOLOGY DEVELOPMENT	11/20/2015	3/31/2021	Reimbursable	-----	LaRC	SAA1-21619, Annex 1
881	21619	The Boeing Company	AEROSPACE RESEARCH AND DEVELOPMENT	11/20/2015	3/31/2021	Reimbursable	-----	LaRC	SAA1-21619

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882	21608	University of Michigan	Umbrella Agreement	4/18/2016	4/18/2021	Non-Reimbursable	\$0	LaRC	SAA1-21608
883	21601	American Airlines, Inc.	Flight Deck Systems and Operations Research	5/20/2016	5/20/2021	Non-Reimbursable	\$183,201	LaRC	SAA1-21601
884	21586	Hexcel Corporation	Multiple Degree of Freedom Acoustic Liners	1/5/2016	1/5/2021	Non-Reimbursable	\$0	LaRC	SAA1-21586
885	21560	Carnegie Mellon University	Carnegie Mellon University with NASA Langley Research Center	2/2/2016	2/2/2021	Non-Reimbursable	\$0	LaRC	SAA1-21560
886	18750	Space Exploration Technologies Corp.	SpaceX Ground Winds Load (GWL) Data Set for Incorporation and Improving NASA GWL Computations	6/5/2015	6/5/2021	Non-Reimbursable	\$75,987	LaRC	SAA1-18750
887	33819	Haigh-Farr, Inc	Haigh-Farr UHF Blade TPS Testing @HGF	12/23/2020	12/23/2021	Reimbursable	-----	MSFC	SAA8-2033819

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888	33735	Textron Systems Corporation	Textron Systems Marine and Land Systems	12/8/2020	12/8/2022	Reimbursable	-----	MSFC	SAA8-2133735
889	33720	BK MANUFACTURING, INC	BK Manufacturing, Inc.	12/9/2020	12/9/2025	Reimbursable	-----	MSFC	SAA8-2133720
890	33719	KT Engineering Corporation	annex to FASTRAC Powerpack Testing and Aerospike Nozzle Analysis in Support of USAF ARISE Program	12/22/2020	12/22/2021	Reimbursable	-----	MSFC	SAA8-2031673.3
891	33697	Howe Industries LLC	Testing of Propulsion Components in MSFC Test Chamber	12/14/2020	12/14/2021	Reimbursable	-----	MSFC	SAA8-2033696.1
892	33696	Howe Industries LLC	Nuclear Thermal Propulsion System Development	12/14/2020	12/14/2025	Reimbursable	-----	MSFC	SAA8-2033696
893	33668	Maxwell High School of Technology	Maxwell High School of Technology for High Schools United with NASA to Create Hardware (HUNCH) Program	12/14/2020	12/14/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033668

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894	33667	Franklin County High School	FRANKLIN COUNTY HIGH SCHOOL FOR HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	11/5/2020	11/5/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033667
895	33666	McDonald County High School	MCDONALD COUNTY HIGH SCHOOL FOR HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	12/1/2020	12/1/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033666
896	33662	Meade County High School	MEADE COUNTY HIGH SCHOOL FOR HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	11/5/2020	11/5/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033662
897	33654	Mt. Pleasant High School	Mt. Pleasant High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program.	12/7/2020	12/7/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033654
898	33653	Dekalb County Technology Center	Dekalb County Technology Center for High Schools United with NASA to Create Hardware (HUNCH) Program	11/19/2020	11/19/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033653
899	33652	Marshall County Technical School	Marshall County Technical School for High Schools United with NASA to Create Hardware (HUNCH) Program	11/30/2020	11/30/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033652

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900	33651	Laurel High School	Laurel High School for High Schools United with NASA to Create Hardware (HUNCH) Program	12/15/2020	12/15/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033651
901	33645	LINCOLN COUNTY HIGH SCHOOL	Lincoln County High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program	11/13/2020	11/13/2025	Non-Reimbursable	\$67,643	MSFC	SAA8-2033645
902	33577	Tellus Science Museum	Fireball Network Station at Tellus Science Museum	12/7/2020	12/7/2025	Non-Reimbursable	\$1,568	MSFC	SAA8-2033577
903	33457	AST&Science, LLC	Spacecraft Deployment Testing	11/3/2020	11/3/2021	Reimbursable	-----	MSFC	SAA8-2033447.1
904	33447	AST&Science, LLC	Spacecraft Component Testing	11/3/2020	11/3/2025	Reimbursable	-----	MSFC	SAA8-2033447
905	33445	G-Space, Inc.	Thermophysical Properties Measurements of Fluoride Glass Materials	11/20/2020	11/20/2021	Reimbursable	-----	MSFC	SAA8-2033444.1

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906	33444	G-Space, Inc.	THERMOPHYSICAL PROPERTIES MEASUREMENTS USING ELECTROSTATIC LEVITATION	11/20/2020	11/20/2025	Reimbursable	-----	MSFC	SAA8-2033444
907	33440	LOCKHEED MARTIN	Lockheed Martin Spun Formed Dome Development for Lunar Habitats	11/30/2020	11/30/2021	Reimbursable	-----	MSFC	SAA8-2033440
908	33257	BLUE ORIGIN, LLC	Blue Origin BE-7 10K OX TPA	11/24/2020	11/24/2022	Reimbursable	-----	MSFC	SAA8-1725986.29
909	33230	Raytheon Missile Systems	Annex 5 to Engineering Collaboration for Impact Testing	9/10/2020	9/10/2021	Reimbursable	-----	MSFC	SAA8-1725438.5
910	33219	BLUE ORIGIN, LLC	Blue Origin BE-7 10K LH2 TPA	11/24/2020	11/24/2022	Reimbursable	-----	MSFC	SAA8-1725986.28
911	33206	BLUE ORIGIN, LLC	Annex 27 to Exchange of Technical Expertise for commercial space transportation	10/22/2020	4/22/2022	Reimbursable	-----	MSFC	SAA8-1725986.27



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912	33021	RELATIVITY SPACE, INC.	Design and manufacturing review for rocket engine components	10/14/2020	10/14/2022	Reimbursable		-----	MSFC	SAA8-2033020.1
913	33020	RELATIVITY SPACE, INC.	Rocket Engine Development and Test	10/14/2020	10/14/2025	Reimbursable		-----	MSFC	SAA8-2033020
914	32872	United Launch Alliance	ULA Booster Instrumentation	7/9/2020	7/9/2021	Reimbursable		-----	MSFC	SAA8-1726580.6
915	32718	Methuselah Foundation	The Centennial Challenges Lunar Nutrition Challenge	8/28/2020	8/28/2022	Non-Reimbursable	\$931,482		MSFC	SAA8-2032718
916	32639	Lockheed Martin Space	Lockheed Martin Test @ HGF	6/24/2020	6/24/2021	Reimbursable		-----	MSFC	SAA8-2032638.1
917	32638	Lockheed Martin Space	Exchange of Technical Expertise for commercial space transportation	6/24/2020	6/24/2025	Reimbursable		-----	MSFC	SAA8-2032638

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918	32636	MILLENNIUM SPACE SYSTEMS, INC	Evaluate Orbital Trajectory of Flight Experiment	11/19/2020	11/19/2022	Non-Reimbursable	\$31,414	MSFC	SAA8-2032636
919	32583	RUAG Space USA, Inc	RUAG Bi-Sector Modal	10/29/2020	10/29/2021	Reimbursable	-----	MSFC	SAA8-1829459.3
920	32552	ARCTIC SLOPE TECHNICAL SERVICES, INC.	demonstrating the use of artificial intelligence computer software for space flight systems	9/28/2020	9/28/2022	Non-Reimbursable	\$307,089	MSFC	SAA8-2032551.1
921	32551	ARCTIC SLOPE TECHNICAL SERVICES, INC.	artificial intelligence computer software for space flight systems	9/28/2020	9/28/2025	Non-Reimbursable	\$0	MSFC	SAA8-2032551
922	32353	Cullman Area Technology Academy	TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	9/23/2020	9/23/2025	Non-Reimbursable	\$72,338	MSFC	SAA8-2032353
923	32182	BLUE ORIGIN, LLC	Blue Origin TCA v2.0	7/7/2020	7/7/2022	Reimbursable	-----	MSFC	SAA8-1725986.25

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924	32156	Imperx, Inc.	Rugged Space Rated High Definition – Serial Data Interface (HD-SDI) Camera	5/11/2020	5/11/2022	Non-Reimbursable	\$239,458	MSFC	SAA8-2032156
925	32095	Blue Origin Florida, LLC	Production Implementation	6/11/2020	6/11/2022	Reimbursable	-----	MSFC	SAA8-2032094.1
926	32094	Blue Origin Florida, LLC	Production Implementation	6/11/2020	6/11/2025	Reimbursable	-----	MSFC	SAA8-2032094
927	32084	ATK Launch Systems	ATK Hot Gas Testing	6/4/2020	6/4/2021	Reimbursable	-----	MSFC	SAA8-1931535.2
928	32069	KT Engineering Corporation	Annex to FASTRAC Powerpack Testing and Aerospike Nozzle Analysis in Support of USAF ARISE Program	3/24/2020	3/24/2022	Reimbursable	-----	MSFC	SAA8-2031673.2
929	32023	Vivace Corporation	Amendment 2 to Vivace SAA8-1725627 to extend the Term of Agreement and update the Financial Obligations	6/9/2017	6/30/2021	Reimbursable	-----	MSFC	SAA8-1725627.A2

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930	31862	ASTROBOTIC TECHNOLOGY, INC	Provide NASA expertise in lunar cargo transportation and landing technologies	6/4/2020	6/4/2021	Reimbursable	-----	MSFC	SAA8-1930516.2
931	31832	U.S. Space & Rocket Center	2020 NASA Human Exploration Rover Challenge	3/8/2020	4/8/2021	Reimbursable	-----	MSFC	SAA8-2031832
932	31754	BLUE ORIGIN, LLC	Blue Origin Hot Gas Testing of Materials @ Hot Gas Test Facility	5/8/2020	5/8/2021	Reimbursable	-----	MSFC	SAA8-1725986.21
933	31674	KT Engineering Corporation	CFD Analysis of the Aerospike Flight Test Article (AFTA) in Support of USAF ARISE Program	2/5/2020	2/5/2021	Reimbursable	-----	MSFC	SAA8-2031673.1
934	31673	KT Engineering Corporation	FASTRAC Powerpack Testing and Aerospike Nozzle Analysis in Support of USAF ARISE Program	2/5/2020	2/5/2023	Reimbursable	-----	MSFC	SAA8-2031673
935	31655	Oceangate	Oceangate Automated Fiber Placement Development	2/4/2020	2/4/2022	Reimbursable	-----	MSFC	SAA8-2031655

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936	31654	University of Louisiana at Lafayette	SAA8-2031653.1 Thermophysical Properties Measurements of Lightweight Metal Alloys	10/19/2020	10/19/2021	Reimbursable	-----	MSFC	SAA8-2031653.1
937	31653	University of Louisiana at Lafayette	SAA8-2031653 Thermophysical Properties Testing in the Electrostatic Levitation Laboratory	10/19/2020	10/19/2025	Reimbursable	-----	MSFC	SAA8-2031653
938	31649	BLUE ORIGIN, LLC	Extreme Environment Testing and Evaluation of Material Properties	12/11/2019	12/11/2022	Reimbursable	-----	MSFC	SAA8-1931648.1
939	31648	BLUE ORIGIN, LLC	Extreme Environment Testing and Evaluation of Material Properties	12/11/2019	12/11/2024	Reimbursable	-----	MSFC	SAA8-1931648
940	31572	INTUITIVE MACHINES, LLC	CFD modeling of slosh dynamics in tank designs	3/19/2020	3/19/2021	Reimbursable	-----	MSFC	SAA8-2031571.1
941	31571	INTUITIVE MACHINES, LLC	Development of Lunar Lander Systems Technologies	3/19/2020	3/19/2025	Reimbursable	-----	MSFC	SAA8-2031571

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942	31535	ATK Launch Systems	Exchange of Technical Expertise for commercial space transportation	12/9/2019	12/9/2024	Reimbursable	-----	MSFC	SAA8-1931535
943	31492	BLUE ORIGIN, LLC	Valve testing for development of the Blue Origin engines	7/23/2020	7/23/2022	Reimbursable	-----	MSFC	SAA8-1725986.19
944	31336	Florida Institute of Technology	Vision-Based Navigation for Formation Flight onboard ISS	1/16/2020	1/16/2023	Non-Reimbursable	\$170,172	MSFC	SAA8-1931336
945	31299	Ursa Major Technologies	Support of ROCETS software	10/30/2019	10/30/2021	Reimbursable	-----	MSFC	SAA8-1931298.1
946	31298	Ursa Major Technologies	Rocket Engine Development Support	10/30/2019	10/30/2024	Reimbursable	-----	MSFC	SAA8-1931298
947	31240	Ball Aerospace	Electrostatic Discharge Testing of a Communications Antenna and Related Materials and Components (SEE)	1/27/2020	1/27/2021	Reimbursable	-----	MSFC	SAA8-1931239.1

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948	31239	Ball Aerospace & Technologies Corporation	Space Environmental Effects Testing and Material Characterization of Spacecraft Materials and Instruments	1/27/2020	1/27/2023	Reimbursable	-----	MSFC	SAA8-1931239
949	31222	BLUE ORIGIN, LLC	annex to Exchange of Technical Expertise for commercial space transportation	11/20/2019	11/20/2021	Reimbursable	-----	MSFC	SAA8-1725986.18
950	31171	BLUE ORIGIN, LLC	annex to Exchange of Technical Expertise for commercial space transportation	9/27/2019	8/30/2022	Reimbursable	-----	MSFC	SAA8-1725986.17
951	31130	SPACE SYSTEMS LORAL, LLC	Room-Temperature-Vulcanized (RTV) Adhesive Coating Material Test	10/21/2019	5/31/2021	Reimbursable	-----	MSFC	SAA8-1931129.1
952	31129	SPACE SYSTEMS LORAL, LLC	Space Environmental Effects Testing and Characterization of Material, Power, and Communication Systems	10/21/2019	10/21/2024	Reimbursable	-----	MSFC	SAA8-1931129
953	30996	PaR Systems LLC	PaR Systems LLC	1/1/2020	12/31/2024	Reimbursable	-----	MSFC	SAA8-1930996

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954	30899	RHA Materials, LLC	NEW ESL Measurements of Thermophysical Properties of Material 1	11/30/2020	11/30/2021	Reimbursable	-----	MSFC	SAA8-1930898.1
955	30898	RHA Materials, LLC	Non-contact measurements of thermophysical properties of materials	11/30/2020	11/30/2025	Reimbursable	-----	MSFC	SAA8-1930898
956	30814	FIRST RF Corporation	High Speed Particle Material Impact Testing	9/25/2019	9/25/2022	Reimbursable	-----	MSFC	SAA8-1930814
957	30520	Spirit Aero Systems	annex for weld development in Aeronautical/Aerospace Vehicle Manufacturing	9/3/2019	9/3/2021	Reimbursable	-----	MSFC	SAA8-1828434.2
958	30517	ASTROBOTIC TECHNOLOGY, INC	Provide NASA expertise in lunar cargo transportation and landing technologies	1/27/2020	1/27/2021	Reimbursable	-----	MSFC	SAA8-1930516.1
959	30516	ASTROBOTIC TECHNOLOGY, INC	Engineering Analysis and development for Commercial Lunar Lander and Payload Services	1/27/2020	1/27/2025	Reimbursable	-----	MSFC	SAA8-1930516



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960	30492	The Boeing Company	annex to Aerospace Hardware Testing, Evaluation, and related engineering services	9/13/2019	3/22/2022	Reimbursable	-----	MSFC	SAA8-1724760.3
961	30258	Amazon Web Services, Inc.	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	1/6/2020	1/6/2022	Non-Reimbursable	\$675,455	MSFC	SAA8-1929988.1
962	30239	Virgin Orbit, LLC	annex to Exchange of Technical Expertise for commercial space transportation	7/30/2019	7/30/2021	Reimbursable	-----	MSFC	SAA8-1725209.9
963	30233	BLUE ORIGIN, LLC	Blue Origin On Demand Services	7/9/2019	7/9/2022	Reimbursable	-----	MSFC	SAA8-1830232.1
964	30232	BLUE ORIGIN, LLC	DEMAND SERVICES AND GENERAL SUPPORT TO TEST STAND 4670	7/9/2019	7/9/2024	Reimbursable	-----	MSFC	SAA8-1830232
965	30143	Cellco Partnership d/b/a Verizon Wireless	FOR OPERATION OF TELECOMMUNICATIONS EQUIPMENT IN BUILDING 4476	11/26/2019	11/26/2024	Reimbursable	-----	MSFC	SAA8-1930143

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966	30136	Interstellar Technologies Corporation	Propulsion Engineering Analysis, Consultation, Feasibility Studies and Space Vehicle Development Activities	9/18/2019	9/18/2024	Reimbursable	-----	MSFC	SAA8-1930136
967	30098	NEW CINGULAR WIRELESS PCS, LLC	Placement of Telecommunications antenna on building 4476	12/18/2019	12/18/2024	Reimbursable	-----	MSFC	SAA8-1930098
968	30023	Alabama A&M University	Alabama A&M Annex 2 for Inert propellant mechanical property support	5/28/2019	7/19/2022	Non-Reimbursable	\$500	MSFC	SAA8-1726018.2
969	30011	Google LLC	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	10/21/2019	10/21/2024	Non-Reimbursable	\$0	MSFC	SAA8-1930011
970	29999	RUAG Space USA, Inc	RUAG Centaur V Structural Tests	9/10/2019	9/10/2021	Reimbursable	-----	MSFC	SAA8-1829459.2
971	29988	Amazon Web Services, Inc.	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	1/6/2020	1/6/2022	Non-Reimbursable	\$0	MSFC	SAA8-1929988

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972	29985	Massachusetts Institute of Technology	SPACE EXPLORATION TECHNOLOGY DEVELOPMENT IN MOTION MAGNIFICATION TECHNIQUES	5/28/2019	5/28/2021	Non-Reimbursable	\$67,372	MSFC	SAA8-1929985
973	29718	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	ANNEX 3 under SAA8-1521657 for HIGH RESOLUTION FOCUSING OPTICS FOR ADVANCED PLASMA DIAGNOSTICS	6/10/2019	4/14/2021	Reimbursable	-----	MSFC	SAA8-1521657.3
974	29535	United Launch Alliance	ULA Integrated Fluid System Test (IFST)	6/6/2019	6/6/2022	Reimbursable	-----	MSFC	SAA8-1726580.5
975	29459	RUAG Space USA, Inc	Raug Engineering Services	1/24/2019	1/24/2024	Reimbursable	-----	MSFC	SAA8-1829459
976	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
977	28565	BLUE ORIGIN, LLC	annex to Exchange of Technical Expertise for commercial space transportation	10/29/2018	8/30/2022	Reimbursable	-----	MSFC	SAA8-1725986.10

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978	28500	OBERLIN COLLEGE	Fireball Network Station at Oberlin College	8/7/2018	8/7/2023	Non-Reimbursable	\$2,268	MSFC	SAA8-1828500
979	28435	Spirit Aero Systems	Rivet replacement with friction stir welds	4/25/2019	4/25/2022	Reimbursable	-----	MSFC	SAA8-1828434.1
980	28434	Spirit Aero Systems	Collaboration in Aeronautical Vehicle Manufacturing	4/25/2019	4/25/2024	Reimbursable	-----	MSFC	SAA8-1828434
981	28308	ADVANCED CUTTING SOLUTIONS, LLC	ADVANCED CUTTING SOLUTIONS L.L.C.	7/12/2018	9/30/2022	Reimbursable	-----	MSFC	SAA8-1828308
982	28276	St. Bernard Sheriffs Department	St Bernard Sheriffs Department	7/12/2018	7/12/2023	Non-Reimbursable	\$2,932	MSFC	SAA8-1828276
983	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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984	27934	UNIVERSITY OF PITTSBURGH	Fireball Network Station at Allegheny Observatory	10/4/2018	10/4/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827934
985	27852	University of North Carolina at Greensboro	Particle Impact Testing of Novel Nanocomposite Space Shielding Materials (ITF)	11/13/2019	11/13/2022	Reimbursable	-----	MSFC	SAA8-1927851.1
986	27851	University of North Carolina at Greensboro	ENGINEERING COLLABORATION	11/13/2019	11/13/2022	Reimbursable	-----	MSFC	SAA8-1927851
987	27828	DYNETICS, INC	Small, Affordable, High Performance Liquid Propellant Rocket Engine Development	5/11/2018	5/11/2021	Reimbursable	-----	MSFC	SAA8-1827828
988	27801	Hands-On Science Center	Fireball Network Station	5/31/2018	5/31/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827801
989	27799	HIRAM COLLEGE	Fireball Network Station at Hiram College	5/25/2018	5/25/2023	Non-Reimbursable	\$1,701	MSFC	SAA8-1827799

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990	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
991	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
992	27702	LOCKHEED MARTIN	WIND TUNNEL TESTING	5/22/2018	5/22/2023	Reimbursable	-----	MSFC	SAA8-1827702
993	27659	Laboratory Testing Inc.	Testing and Evaluation of Material Properties in Extreme Environments	10/29/2018	10/29/2021	Reimbursable	-----	MSFC	SAA8-1827658.1
994	27658	Laboratory Testing Inc.	Testing and Evaluation of Material Properties in Extreme Environments	10/29/2018	10/29/2021	Reimbursable	-----	MSFC	SAA8-1827658
995	27541	SIERRA NEVADA CORP	Design and manufacturing review for rocket engine components	6/11/2020	6/11/2022	Reimbursable	-----	MSFC	SAA8-2027540.1

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996	27540	SIERRA NEVADA CORPORATION	Rocket Engine Development and Test	6/11/2020	6/11/2025	Reimbursable	-----	MSFC	SAA8-2027540
997	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
998	27244	United Launch Alliance	ULA Vulcan Upper Stage Test	2/21/2018	12/31/2021	Reimbursable	-----	MSFC	SAA8-1726580.3
999	27194	Cimarron Composites	Cimarron Composites for Developing Advanced Technology For Engine Components	3/14/2018	3/14/2023	Reimbursable	-----	MSFC	SAA8-1827194
1000	26940	LOCKHEED MARTIN	Lockheed Martin Corporation Commercial	2/1/2018	9/30/2022	Reimbursable	-----	MSFC	SAA8-1826940
1001	26915	UNITED LAUNCH ALLIANCE	Aeroscience analysis of Vulcan vehicle operations	1/4/2018	1/4/2023	Reimbursable	-----	MSFC	SAA8-1726915

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1002	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
1003	26656	AUBURN UNIVERSITY	SPACE EXPLORATION TECHNOLOGY DEVELOPMENT	11/8/2017	11/8/2022	Non-Reimbursable	\$0	MSFC	SAA8-1726656
1004	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
1005	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
1006	26580	United Launch Alliance	Launch Vehicle Manufacturing and Test Support	10/31/2017	10/31/2022	Reimbursable	-----	MSFC	SAA8-1726580
1007	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



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1008	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
1009	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
1010	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
1011	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
1012	25986	BLUE ORIGIN, LLC	Exchange of Technical Expertise for commercial space transportation	8/30/2017	8/30/2022	Reimbursable	-----	MSFC	SAA8-1725986
1013	25911	AEROJET ROCKETDYNE, INC	Annex 1 under SAA8-1725910 for Integration Support	10/3/2017	12/31/2021	Reimbursable	-----	MSFC	SAA8-1725910.1

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1014	25910	AEROJET ROCKETDYNE, INC	Space Systems Technology Development and Demonstration	9/29/2017	9/29/2022	Reimbursable	-----	MSFC	SAA8-1725910
1015	25627	Vivace Corporation	Vivace Corporation	7/1/2017	6/30/2021	Reimbursable	-----	MSFC	SAA8-1725627
1016	25569	Orbital Telemetry, Inc	Telemetry Licensed Test and Modification Activities	7/31/2017	7/31/2022	Reimbursable	-----	MSFC	SAA8-1725569
1017	25553	Raytheon Missile Systems	Raytheon Wind Tunnel Testing	6/16/2017	6/16/2022	Reimbursable	-----	MSFC	SAA8-1725553
1018	25438	Raytheon Missile Systems	Engineering Collaboration	6/28/2017	6/28/2022	Reimbursable	-----	MSFC	SAA8-1725438
1019	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

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1020	25209	Virgin Orbit, LLC	Exchange of Technical Expertise for commercial space transportation	6/9/2017	6/9/2022	Reimbursable	-----	MSFC	SAA8-1725209
1021	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
1022	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
1023	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
1024	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
1025	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

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1026	25152	University of Central Florida	Fireball Network Station at UCF	7/31/2017	7/31/2022	Non-Reimbursable	\$2,555	MSFC	SAA8-1725152
1027	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
1028	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
1029	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
1030	25059	Embry-Riddle Aeronautical University	Fireball Network Station at ERAU	7/31/2017	7/31/2022	Non-Reimbursable	\$2,420	MSFC	SAA8-1725059
1031	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

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1032	24760	The Boeing Company	Aerospace Hardware Testing, Evaluatioin, and related engineering services	3/22/2017	3/22/2022	Reimbursable	-----	MSFC	SAA8-1724760
1033	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
1034	24271	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	Annex 1 under SAA8-1724270 for Development of High Resolution X-Ray Mandrel	7/25/2017	12/31/2021	Reimbursable	-----	MSFC	SAA8-1724270.1
1035	24270	Lawrence Livermore National Security, LLC	High Resolution X-Ray Optics Support	7/25/2017	7/25/2022	Reimbursable	-----	MSFC	SAA8-1724270
1036	24245	The Museum of Flight	F-1 Engine Loan for Apollo 12 Exhibit	1/13/2017	1/13/2021	Reimbursable	-----	MSFC	SAA8-1624245
1037	23999	Florida Turbine Technologies, Inc.	Propulsion System Elements Development and Analysis	10/20/2016	10/20/2021	Reimbursable	-----	MSFC	SAA8-1623999

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1038	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
1039	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
1040	23444	Auburn University	COLLABORATIVE AGREEMENT FOR SYNERGISTIC TECHNOLOGIES	10/21/2016	10/21/2021	Non-Reimbursable	\$0	MSFC	SAA8-1623444
1041	22999	Teledyne Brown Engineering, Inc. Space Systems	Launch Vehicle Stage Adapter Manufacturing Support	8/2/2016	8/1/2021	Reimbursable	-----	MSFC	SAA8-1622999
1042	22752	Marshall Child Development Center Inc.	Marshall Child Development Center	7/14/2016	7/14/2021	Non-Reimbursable	\$819,115	MSFC	SAA8-1622752
1043	22716	New Mexico State University	Fireball Network Station	7/14/2016	7/14/2021	Non-Reimbursable	\$1,495	MSFC	SAA8-1622716

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1044	22603	UP Aerospace	Nanosatellite and Suborbital Reusable Launch System Development	5/31/2016	5/31/2021	Non-Reimbursable	\$1,000,000	MSFC	SAA8-1622603
1045	22487	Blade Dynamics, LLP	Blade Dynamics, LLP Occupancy and Demand Services	8/31/2016	8/31/2021	Reimbursable	-----	MSFC	SAA8-1622487
1046	21965	Arctic Slope Technical Services, Inc.	Launch vehicle propulsion technology development	4/25/2016	4/25/2021	Reimbursable	-----	MSFC	SAA8-1521965
1047	21657	Lawrence Livermore National Security, LLC	HIGH RESOLUTION FOCUSING OPTICS FOR ADVANCED PLASMA DIAGNOSTICS	4/14/2016	4/14/2021	Reimbursable	-----	MSFC	SAA8-1521657
1048	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
1049	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

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1050	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
1051	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
1052	21380	METHUSELAH FOUNDATION	Centennial Challenges for The Tissue Engineering Challenge	2/17/2016	4/30/2021	Non-Reimbursable	\$681,615	MSFC	SAA8-1521380
1053	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
1054	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
1055	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



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1056	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
1057	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
1058	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
1059	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
1060	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
1061	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

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1062	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
1063	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
1064	21246	Lockheed Martin Corporation	Lockheed Martin Corporation Annex 4	10/1/2015	9/30/2021	Reimbursable	-----	MSFC	SAA8-1620107.4
1065	21066	South Dakota State University	Synergistic Technologies Support	3/28/2016	3/28/2021	Non-Reimbursable	\$0	MSFC	SAA8-1521066
1066	21057	Lockheed Martin Corporation	annex to Lockheed Martin Corporation Orion Project	10/1/2015	9/30/2021	Reimbursable	-----	MSFC	SAA8-1620107.1
1067	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

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1068	20961	BK Manufacturing, Inc.	BK Manufacturing, Inc. for facility space and standard institutional support services at MAF	9/15/2015	12/31/2020	Reimbursable	-----	MSFC	SAA8-1620961
1069	20906	Lockheed Martin Corporation	Lockheed Martin Corporation Annex 3 for support services	10/1/2015	9/30/2021	Reimbursable	-----	MSFC	SAA8-1620107.3
1070	20901	Lockheed Martin Corporation	Lockheed Martin Corporation Annex 2 for support services Orion Tooling Installation	10/1/2015	9/30/2021	Reimbursable	-----	MSFC	SAA8-1620107.2
1071	20107	Lockheed Martin Corporation	Lockheed Martin Corporation Orion Project	10/1/2015	9/30/2021	Reimbursable	-----	MSFC	SAA8-1620107
1072	19465	Ochsner Clinic Foundation	Ochsner Clinic Foundation providing on-site medical services	11/1/2016	11/1/2021	Reimbursable	-----	MSFC	SAA8-1619465
1073	19253	U.S Space and Rocket Center	SHARED EXHIBIT EFFORTS	6/23/2016	6/23/2021	Reimbursable	-----	MSFC	SAA8-1519253

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1074	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	12/31/2020	Reimbursable	-----	MSFC	SAA8-1416330
1075	4165	Department of Economic Development	Cooperative Endeavor Agreement University of New Orleans Research & Technology Foundation, Inc.	12/18/2007	12/18/2037	Non-Reimbursable	-----	MSFC	SAA8-074165
1076	33761	Virgin Orbit	Annex Two to Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Virgin Orbit, LLC for Propulsion Test Support at SSC	11/23/2020	11/23/2022	Reimbursable	-----	SSC	SSAA-1053-0189
1077	33619	BLUE ORIGIN, LLC	Annex Six to Blue Origin Umbrella, LOX Duct Flow Testing	12/8/2020	12/8/2022	Reimbursable	-----	SSC	SSAA-1053-0179
1078	32719	AEROJET ROCKETDYNE, INC	Annex Twelve to Reimbursable Space Act Umbrella to provide support services to AR to support launch vehicle development	7/2/2020	3/22/2021	Reimbursable	-----	SSC	SSAA-1053-0177
1079	32234	INFINITY SCIENCE CENTER, INC	Annex Three to Non-Reimbursable Space Act Umbrella Agreement Infinity Science Center, Inc. for Framework on a Regional Partnership	7/7/2020	7/7/2025	Non-Reimbursable	\$37,450	SSC	SSAA-1053-0173

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1080	32233	INFINITY SCIENCE CENTER, INC	Annex Two to Non-Reimbursable Space Act Umbrella Agreement Infinity Science Center, Inc. for Framework on a Regional Partnership	7/7/2020	7/7/2025	Non-Reimbursable	\$595,711	SSC	SSAA-1053-0172
1081	32196	Launcher Space	Launcher Space Special Test Equipment Design	3/31/2020	3/31/2021	Non-Reimbursable	\$44,698	SSC	SSAA-1053-0176
1082	32181	INFINITY SCIENCE CENTER, INC	Annex One to Nonreimbursable Space Act Umbrella Agreement Between Infinity Science Center for Framework on a Regional Partnership	7/7/2020	7/7/2025	Non-Reimbursable	\$394,746	SSC	SSAA-1053-0171
1083	32180	Infinity Science Center, Inc.	Non-Reimbursable Space Act Umbrella Agreement Infinity Science Center, Inc. for Framework on a Regional Partnership	7/7/2020	7/7/2025	Non-Reimbursable	\$0	SSC	SSAA-1053-0170
1084	32137	Launcher Space	Annex One Propulsion Test Support to Launcher Space	3/31/2020	3/31/2022	Reimbursable	-----	SSC	SSAA-1053-0175
1085	32136	Launcher Space	Propulsion Test Support to Launcher Space	3/31/2020	3/31/2025	Reimbursable	-----	SSC	SSAA-1053-0174

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1086	31148	MISSISSIPPI STATE UNIVERSITY	Annex One for Use of Restricted Airspace at John C. Stennis Space Center	1/14/2020	11/20/2022	Reimbursable	-----	SSC	SSAA-1051-0082
1087	31147	MISSISSIPPI STATE UNIVERSITY	Umbrella Agreement for Restricted Airspace at John C. Stennis Space Center	1/14/2020	1/14/2025	Reimbursable	-----	SSC	SSAA-1051-0081
1088	30466	RELATIVITY SPACE, INC	Host Tenant Agreement Between National Aeronautics and Space Administration John C. Stennis Space Center and Relativity Space, Inc.	5/28/2019	5/28/2028	Reimbursable	-----	SSC	SSAA-1053-0165
1089	30455	BLUE ORIGIN, LLC	Annex Three to Blue Origin Umbrella Rocket Propulsion Testing and Related Services	9/17/2019	9/17/2021	Reimbursable	-----	SSC	SSAA-1053-0167
1090	30053	Interstellar Technologies, LLC	Annex One Between The National Aeronautics and Space Administration John C. Stennis Space Center and Interstellar Technologies Under Space Act Umbrella Agreement SSAA-1053-0162	5/6/2019	5/6/2024	Reimbursable	-----	SSC	SSAA-1053-0163
1091	30052	Interstellar Technologies, LLC	Propulsion Engineering and Testing Support	5/6/2019	5/6/2024	Reimbursable	-----	SSC	SSAA-1053-0162

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1092	29966	Relativity Space Incorporated	Reimbursable Space Act Agreement Relativity Space, Inc. for Occupancy of Facilities	5/28/2019	5/28/2028	Reimbursable	-----	SSC	SSAA-1053-0164
1093	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
1094	28381	State of Mississippi Technology Transfer Office	Use Permit Between National Aeronautics and Space Administration and State of Mississippi Technology Transfer Office	6/12/2018	4/19/2023	Reimbursable	-----	SSC	SSAA-1051-0079
1095	28380	STATE OF MISSISSIPPI Technology Transfer Office	Host Tenant Agreement Between the National Aeronautics and Space Administration John C. Stennis Space Center and State of Mississippi Technology Transfer Office	6/12/2018	4/19/2023	Reimbursable	-----	SSC	SSAA-1051-0078
1096	28334	BLUE ORIGIN, LLC	Blue Origin Umbrella Rocket Propulsion Testing and Related Services	6/29/2018	6/29/2023	Reimbursable	-----	SSC	SSAA-1053-0154
1097	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

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1098	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
1099	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
1100	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
1101	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
1102	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
1103	26831	RELATIVITY SPACE, INC	Annex Two RSI Services and support at SSC	5/25/2018	8/23/2021	Reimbursable	-----	SSC	SSAA-1053-0152



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1104	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
1105	26430	Hancock County Mississippi	For Hancock County EOC Continuity Site	3/19/2018	3/19/2023	Non-Reimbursable	\$0	SSC	SSAA-1051-0068
1106	26415	Infinity Science Center, Inc.	Land Use Permit Between National Aeronautics and Space Administration Stennis Space Center and the Infinity Science Center, Inc.	9/10/2007	9/10/2037	Reimbursable	-----	SSC	SSAA-1053-0035
1107	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
1108	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
1109	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

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1110	23377	Relativity Space, Incorporated	Annex One Relativity Space Aeon 1 Engine Start Test Project	8/23/2016	8/23/2021	Reimbursable	-----	SSC	SSAA-1053-0118
1111	23376	Relativity Space, Incorporated	Reimbursable Space Act Umbrella Agreement Relativity Space Incorporated Aeon 1 Launch Systems Development	8/23/2016	8/23/2021	Reimbursable	-----	SSC	SSAA-1053-0117
1112	23222	Honeywell International Corporation	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
1113	22308	AEROJET ROCKETDYNE OF DE, INC	Occupancy of Facilities	6/13/2016	6/13/2021	Reimbursable	-----	SSC	SSAA-1053-0112
1114	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
1115	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

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1116	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
1117	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
1118	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
1119	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	6/13/2025	Reimbursable	-----	SSC	SSAA-1053-0015
1120	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
1121	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

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1122	33131	Salisbury University	Test Weather Station MESONET system for automated weather and environmental monitoring.	11/12/2020	11/11/2025	Non-Reimbursable	\$30,000	WFF	GSFC-20-33131
1123	32318	Blue Ridge Research and Consulting, LLC	Improving Rocket Launch Acoustic Models and Interpreting Raw Acoustical Data	5/1/2020	4/30/2025	Non-Reimbursable	\$12,290	WFF	GSFC-20-32318
1124	32248	Sagrad, Inc.	Range Certification Support of NASA Autonomous Flight Terminations Systems	4/29/2020	4/29/2022	Non-Reimbursable	\$1,150,000	WFF	GSFC-20-32248
1125	30338	GULFSTREAM AEROSPACE CORP	annex to Water Ingestion Testing	4/13/2020	4/13/2022	Reimbursable	-----	WFF	GSFC-17-25048 Annex
1126	28618	Vector Launch, Inc.	Flight Safety Analysis for Launch Vehicle	11/13/2018	11/13/2021	Reimbursable	-----	WFF	GSFC-18-28618
1127	26250	Virginia Department of Health	Closed Points of Dispensing (POD) Provision of Emergency Medical Prophylaxis	7/20/2017	7/20/2022	Non-Reimbursable	\$2,000	WFF	

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1128	25827	University of Massachusetts, Lowell	Further Development of Technology to Support the CubeSat Arcsecond Pointing System (CAPS)	10/26/2017	10/27/2022	Non-Reimbursable	\$15,000	WFF	GSFC-17-25827
1129	25541	V A COMMERCIAL SPACE FLIGHT AUTHORITY	Operations and Activities for the Unmanned Aerial System Runway	1/9/2018	1/9/2023	Reimbursable	-----	WFF	GSFC-17-25541
1130	25526	VIRGINIA SPACE FLIGHT ACADEMY	Outreach Activities	6/7/2017	6/6/2022	Non-Reimbursable	\$4,038	WFF	GSFC-17-25526
1131	25089	Cornell University	CISLUNAR Explorer Orbit Confirmation	6/7/2017	6/7/2021	Reimbursable	-----	WFF	GSFC-17-25089
1132	25048	GULFSTREAM AEROSPACE CORP	Water Ingestion Testing	4/13/2017	4/13/2022	Reimbursable	-----	WFF	GSFC-17-25048
1133	12103	CELLCO/Verizon	Enhanced Use Lease Agreement/Cellco-Verizon for Greenbelt	9/21/2011	9/21/2026	Reimbursable	-----	WFF	

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1134	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	
1135	3646	Marine Science Consortium	Marine Science Consortium	2/13/2006	2/16/2022	Reimbursable	-----	WFF	SAA-GSFC-06-3646
1136	3219	Chincoteague Bay Field Station	Wallops Research Park	5/6/2009	5/6/2069	Reimbursable	-----	WFF	3219
1137	32596	WHA INTERNATIONAL, INC	annex to Testing, Analysis Activities, and Exchange of Technical Expertse	11/2/2020	11/2/2021	Reimbursable	-----	WSTF	SAA-RA-17-25227-04
1138	32278	THE BOEING COMPANY	Perform R40b thruster testing, provide test data results and ship thrusters.	7/15/2020	7/15/2022	Reimbursable	-----	WSTF	SAA-RA-18-28204-02
1139	32046	AEROJET ROCKETDYNE, INC	annex to Space Systems Technology Development and Demonstration	3/12/2020	3/12/2022	Reimbursable	-----	WSTF	SAA8-1725910-06

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1140	31924	Barber-Nichols, Inc.	Oxygen Systems Operations and Maintenance Training	2/5/2020	2/5/2021	Reimbursable	-----	WSTF	SAA-RA-20-31924
1141	31615	Invocon Inc.	Hypervelocity Testing in Support of Invocon Inc.	2/13/2020	2/13/2021	Reimbursable	-----	WSTF	SAA-RA-20-31615
1142	31581	Infinite Composites Technologies	Annex for COPV Inspection and Evaluation	5/5/2020	5/5/2025	Reimbursable	-----	WSTF	SAA-RA-20-31363-02
1143	31520	Johnson and Johnson	Testing of N2O4 per MIL-PRF-26539G	2/26/2020	2/26/2023	Reimbursable	-----	WSTF	SAA-RA-20-31520
1144	31364	Infinite Composites Technologies	NASA-STD-2007-213740 Oxygen Compatibility Assessments / NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements	5/5/2020	5/5/2025	Reimbursable	-----	WSTF	SAA-RA-20-31363-01
1145	31363	Infinite Composites Technologies	WSTF Testing, Analysis, and Technical Expertise (Materials, Fluids, Components)	5/5/2020	5/5/2025	Reimbursable	-----	WSTF	SAA-RA-20-31363

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1146	31188	Intuitive Machines, LLC	NASA Standards 6001B Testing	11/23/2020	11/23/2025	Reimbursable	-----	WSTF	SAA-RA-20-31187-01
1147	31187	Intuitive Machines, LLC	WSTF Testing, Analysis, and Technical Expertise (Materials, Fluids, Components)	11/23/2020	11/23/2025	Reimbursable	-----	WSTF	SAA-RA-20-31187
1148	30649	B/E Aerospace, d.b.a. Collins Aerospace a unit of United Technologies Corporation	NASA-STD-6001 Flammability, Offgassing, Compatibility Testing and Training	3/31/2020	3/30/2025	Reimbursable	-----	WSTF	SAA-RA-20-30648
1149	30648	B/E Aerospace, d.b.a. Collins Aerospace, a unit of United Technologies Corporation	Collins Aerospace Oxygen and COPV Testing, Analysis and Training Activities	3/31/2020	3/30/2025	Reimbursable	-----	WSTF	SAA-RA-20-30648
1150	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
1151	28204	THE BOEING COMPANY	Perform R40b thruster testing and provide test data results.	9/13/2018	9/13/2023	Reimbursable	-----	WSTF	SAA-RA-18-28204



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1152	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
1153	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
1154	25434	Blue Origin, LLC	TESTING, ANALYSIS ACTIVITIES, AND EXCHANGE OF TECHNICAL EXPERTISE	4/18/2017	4/18/2022	Reimbursable	-----	WSTF	SAA-RA-17-25434
1155	25228	WHA International, Inc.	NASA-STD-6001 Flammability, Offgassing, and Compatibility Testing	3/21/2017	3/21/2022	Reimbursable	-----	WSTF	SAA-RA-17-25227-01
1156	25227	WHA International, Inc.	Testing, Analysis Activities, and Exchange of Technical Expertse	3/21/2017	3/21/2022	Reimbursable	-----	WSTF	SAA-RA-17-25227
1157	22312	Honeywell	NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements and Test Procedures	10/11/2016	10/11/2021	Reimbursable	-----	WSTF	SAA-RA-16-22311-01

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1158	22311	Honeywell	Honeywell NASA-STD-6001B, Vacuum Stability Testing and Training	10/11/2016	10/11/2021	Reimbursable	-----	WSTF	SAA-RA-16-22311
1159	22154	Celanese International Corporation	Celanese Chemical Division Process Enhancement Testing	11/7/2018	11/7/2021	Reimbursable	-----	WSTF	SAA-RA-18-22154
1160	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