ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1	41659	Carthage College	Universal Payload Interface Challenge	10/8/2024	10/8/2025	Non-Reimbursable	\$341,700.00	AFRC	
2	41621	Ecoatoms	Universal Payload Interface Challenge	10/1/2024	10/1/2025	Non-Reimbursable	\$341,700.00	AFRC	
3	41375	Aegis Aerospace, Inc.	Universal Payload Interface Challenge	11/4/2024	11/4/2025	Non-Reimbursable	\$341,700.00	AFRC	
4	40046	Sensuron, LLC	Sensuron SAA	2/7/2024	2/7/2025	Non-Reimbursable	\$120,000.00	AFRC	
5	39883	Stratolaunch, LLC	Annex for 747 Aircraft Avionics Support	11/7/2023	2/13/2025	Reimbursable		AFRC	
6	39445	Varda Space Industries	Conformal Pica (C-Pica) Tech Transfer and Commercial Production	7/20/2023	7/20/2028	Funded	\$1,900,000.00	AFRC	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
7	39325	Psionic, LLC	Annex to Space Technology Commercialization for Measurement and Materials Applications	9/25/2023	9/25/2026	Reimbursable		AFRC	SAA1-35776
8	38928	Scaled Composites	Scaled Composites Silver Fox UAS Flight Testing	6/6/2024	6/6/2025	Reimbursable		AFRC	
9	38925	Scaled Composites	Scaled Composites Silver Fox UAS Flight Testing	5/30/2024	5/30/2025	Reimbursable		AFRC	
10	38213	Zero-Gravity Corporation	Zero Gravity Use of Subject Matter Experts and Onsite Invitees	11/17/2023	11/17/2028	Non-Reimbursable	\$19,946.00	AFRC	
11	37799	University of South Florida USF, Institute of Applied Engineering, Inc USF-IAE	Access to Space-Like Environments to Facilitate Technology Maturation Under the Flight Opportunities Program TechLeap Prize	3/27/2023	12/31/2024	Non-Reimbursable	\$692,120.00	AFRC	
12	37798	Falcon Exodynamics, Inc	Access to Space-Like Environments to Facilitate Technology Maturation Under the Flight Opportunities Program TechLeap Prize	2/21/2023	12/31/2024	Non-Reimbursable	\$692,120.00	AFRC	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
13	37770	Bronco Space Club Research Lab ICON - Cal Poly Pomona	Access to Space-Like Environments to Facilitate Technology Maturation Under the Flight Opportunities Program TechLeap Prize	3/27/2023	12/31/2024	Non-Reimbursable	\$692,120.00	AFRC	
14	37338	Saint Mary's College of California	Obstacle Detection for Autonomous UAS Collaboration	12/7/2022	12/7/2025	Non-Reimbursable	\$9,427.00	AFRC	
15	37337	Saint Mary's College of California	NASA Saint Mary's T2X Collaboration	12/7/2022	12/7/2025	Non-Reimbursable	\$0.00	AFRC	
16	36917	Supernal, LLC	Annex to Participation in the NASA Advanced Air Mobility National Campaign	5/25/2022	5/25/2027	Non-Reimbursable	\$516,544.00	AFRC	
17	36916	Supernal, LLC	Participation in the NASA Advanced Air Mobility National Campaign	5/25/2022	5/25/2027	Non-Reimbursable	\$0.00	AFRC	
18	36785	The Boeing Company	Sustainable Flight Demonstrator Development and Flight Test	1/13/2023	1/13/2030	Funded	\$607,366,596.00	AFRC	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
19	36582	Overair, Inc	Annex to For Advanced Air Mobility Technology Research And Demonstration Activities	5/25/2022	5/27/2027	Non-Reimbursable	\$516,544.00	AFRC	
20	36581	Overair, Inc	For Advanced Air Mobility Technology Research And Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$0.00	AFRC	
21	36580	Ellis & Associates	Annex to For Advanced Air Mobility Technology Research and Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$516,544.00	AFRC	
22	36579	Ellis & Associates	For Advanced Air Mobility Technology Research and Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$0.00	AFRC	
23	36578	Electra Aero, Inc	Annex to For Advanced Air Mobility Technology Research and Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$516,544.00	AFRC	
24	36577	Electra Aero, Inc	For Advanced Air Mobility Technology Research and Demonstration Activities	5/25/2022	5/25/2027	Non-Reimbursable	\$0.00	AFRC	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	E TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
25	36575	California Polytechnic State University	CPSLO NASA AFRC Collaboration	12/5/2022	12/5/2025	Non-Reimbursable	\$0.00	AFRC	
26	35005	Unmanned Experts Inc	Annex to Advanced Air Mobility Technology Research Demonstration Activities - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
27	35004	Unmanned Experts Inc	Advanced Air Mobility Technology Research Demonstration Activities	7/8/2021	7/8/2026	Non-Reimbursable	\$0.00	AFRC	
28	35003		Annex to Participate in the NASA UAM Grand Challenge	7/8/2021	7/8/2026	Non-Reimbursable	\$592,104.00	AFRC	
29	35001	Raytheon Company	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
30	35000	Raytheon Company	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
31	34999	Raytheon Company	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
32	34998	Robust Analytics	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
33	34997	Robust Analytics	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
34	34996	AURA Network Systems	Annex to Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
35	34995	AURA Network Systems	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
36	34994	University of North Texas	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
37	34993	University of North Texas	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
38	34991	ARINC Incorporated	Annex to Participation in the NASA UAM Grand Challenge - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
39	34990	SkyGrid, LLC	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Infrastructure	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
40	34989	SkyGrid, LLC	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
41	34988	SkyGrid, LLC	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
42	34987	OneSky Systems Inc	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
43	34986	OneSky Systems Inc	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
44	34985	Metron Aviation, Inc	Annex to Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
45	34984	Metron Aviation, Inc	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
46	34983	Avision, INC	Annex to Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	
47	34982	Avision, Inc	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
48	34981	ANRA Technologies, LLC	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Airspace	7/6/2021	7/6/2026	Non-Reimbursable	\$678,932.00	AFRC	

ROW	NO. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
49	34980	ANRA Technologies, LLC	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
50	34979	Wisk Aero, LLC	Annex to Participation in the NASA AAM National Campaign - Flight Annex	7/6/2021	7/6/2026	Non-Reimbursable	\$592,104.00	AFRC	
51	34978	Reliable Robotics Corporation	Annex to Advanced Air Mobility Technology Research and Demonstration Activities - Flight Annex	7/6/2021	7/6/2026	Non-Reimbursable	\$592,104.00	AFRC	
52	34977	Reliable Robotics Corporation	Advanced Air Mobility Technology Research and Demonstration Activities	7/6/2021	7/6/2026	Non-Reimbursable	\$0.00	AFRC	
53	34443	Alaka'i Technologies Corporation	Annex to Participation in the NASA AAM National Campaign	10/2/2020	10/2/2025	Non-Reimbursable	\$592,104.00	AFRC	
54	34442	Alaka'i Technologies Corporation	Participation in the NASA AAM National Campaign	10/2/2020	10/2/2025	Non-Reimbursable	\$0.00	AFRC	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
55	34439	Wisk Aero, LLC	AAM National Campaign - 1 Vehicle Provider Information Exchange Annex	10/22/2020	10/22/2025	Non-Reimbursable	\$592,104.00	AFRC	
56	34436	Wisk Aero, LLC	Participation in the NASA AAM National Campaign	10/22/2020	10/22/2025	Non-Reimbursable	\$0.00	AFRC	
57	33843	University Enterprises Corporation at California State University San Bernardino	Non-Reimbursable Space Act Agreement For Collaborative Opportunities for Technology Development	3/1/2022	3/1/2027	Non-Reimbursable	\$0.00	AFRC	
58	33088	The Boeing Company	Grand Challenge Vehicle Provider Information Exchange Annex	2/28/2020	2/28/2025	Non-Reimbursable	\$592,104.00	AFRC	
59	33087	The Boeing Company	Participation in the NASA UAM Grand Challenge	2/28/2020	2/28/2025	Non-Reimbursable	\$0.00	AFRC	
60	33085	Zeva, Inc (dba Zeva Aero)	Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$592,104.00	AFRC	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
61	33084	Zeva, Inc (dba Zeva Aero)	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
62	33081	The University of North Texas	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	
63	33080	The University of North Texas	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
64	33079	Uber Technologies, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	
65	33078	Uber Technologies, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
66	33076		Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$592,104.00	AFRC	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
67	33075	Prodentity, LLC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
68	33073	OneSky Systems Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	
69	33072	OneSky Systems Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
70	33065	NFT, Inc	Grand Challenge Vehicle Provider Information Exchange Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$592,104.00	AFRC	
71	33064	NFT, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
72	33063	Metron Aviation, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
73	33062	Metron Aviation, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
74	33059	GeoRq LLC	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	
75	33058	GeoRq LLC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
76	33057	Ellis & Associates	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	
77	33056	Ellis & Associates	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
78	33055	Avision, Inc	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
79	33054	Avision, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
80	33039	ARINC Incorporated	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	
81	33038	ARINC Incorporated	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
82	33037	ANRA Technologies, LLC	Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	
83	33036	ANRA Technologies, LLC	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
84	33035	AiRXOS, Inc	Grand Challenge - Development Test Airspace Annex	3/2/2020	3/2/2025	Non-Reimbursable	\$678,932.00	AFRC	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
85	33034	AiRXOS, Inc	Participation in the NASA UAM Grand Challenge	3/2/2020	3/2/2025	Non-Reimbursable	\$0.00	AFRC	
86	33033	Airmap, Inc	Participation in the NASA UAM Grand Challenge - Development Test Airspace Annex	2/3/2020	2/3/2025	Non-Reimbursable	\$678,932.00	AFRC	
87	33032	Airmap, Inc	Participation in the NASA UAM Grand Challenge	2/3/2020	2/3/2025	Non-Reimbursable	\$0.00	AFRC	
88	33031	Joby Aviation, Inc	Grand Challenge - Development Test Flight Annex	2/19/2020	2/19/2025	Non-Reimbursable	\$592,104.00	AFRC	
89	33030	Joby Aviation, Inc	Participation in the NASA UAM Grand Challenge	2/19/2020	2/19/2025	Non-Reimbursable	\$0.00	AFRC	
90	32757	AeroVironment, Inc.	Small Unmanned Aircraft System (SUAS)Testing and Training	11/10/2020	11/10/2025	Reimbursable		AFRC	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
91	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	
92	32338	Fenix Space, Inc.	Development of Tow-glider Launch Platform	5/27/2020	5/27/2025	Reimbursable		AFRC	
93	32161	Learjet, Inc	Business Jet Flight Test Support	5/17/2021	5/17/2026	Reimbursable		AFRC	
94	31694	Stratolaunch, LLC	To Support Flight Operations of the Stratolaunch Carrier Aircraft	2/13/2020	2/13/2025	Reimbursable		AFRC	
95	31693	Stratolaunch, LLC	To Support Flight Operations of the Stratolaunch Carrier Aircraft	2/13/2020	2/13/2025	Reimbursable		AFRC	
96	41939	The Aerospace Corporation	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and The Aerospace Corporation for Co-Hosting the Annual Adaptive Mission Assurance (AMA) Workshop	11/12/2024	11/11/2025	Non-Reimbursable	\$14,300.00	ARC	SAA2-403872

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
97	41779	LifeSource Biomedical Services, LLC	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and LifeSource Biomedical Services, LLC Use of Ames Research Center Demand Services	10/10/2024	1/31/2028	Reimbursable		ARC	SAA2-403844
98	41680	RMV Technology Group, LLC	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and RMV Technologies Group, LLC Use of Ames Research Center Demand Services	9/25/2024	12/31/2024	Reimbursable		ARC	SAA2-403835-1
99	41531	Overwatch Aero LLC	NonReimbursable Space Act Agreement between NASA ARC and Overwatch Aero LLC to Develop a New Air Traffic Management System to Integrate Remotely Piloted Aircraft into Aerial Firefighting Operation	9/27/2024	9/26/2027	Non-Reimbursable	\$987,755.60	ARC	SAA2-403856
100	41494	Raytheon	Annex One under Reimbursable Space Act Umbrella Agreement between NASA ARC and Raytheon for Thermal Protection Material Research for High Velocity Vehicles	11/25/2024	11/24/2027	Reimbursable		ARC	SAA2-403841-1
101	41493	Raytheon	Reimbursable Space Act Umbrella Agreement between NASA ARC and Raytheon for Thermal Protection Material Research for High Velocity Vehicles	11/25/2024	11/24/2029	Reimbursable		ARC	SAA2-403841
102	41433	Martina Dimoska	Annex Four under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Martina Dimoska for NASA International Space Apps Challenge	9/25/2024	9/24/2025	Non-Reimbursable	\$11,068.00	ARC	SAA2-403770-4

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
103	41402	RMV Technology Group, LLC	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and RMV Technology Group, LLC Use of Ames Research Center Demand Services	9/25/2024	9/24/2026	Reimbursable		ARC	SAA2-403835
104	41179	HEBI ROBOTICS	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and HEBI Robotics for Robotic Infrastructure Assembly Systems Development	11/4/2024	5/3/2026	Non-Reimbursable	\$79,081.00	ARC	SAA2-403827
105	41138	Science and Technology Corporation	Reimbursable Space Act Agreement between NASA Ames Research Center and Science and Technology Corporation for Mid-Air Deployment Test	7/10/2024	7/9/2025	Reimbursable		ARC	SAA2-403826
106	41074	California Polytechnic State University	Annex-Two to Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and California Polytechnic State University for Research and Development in Physics-Based Modeling and Machine-Learning	7/5/2024	7/4/2026	Non-Reimbursable	\$94,165.00	ARC	SAA2-403539
107	41025	Sceye, Inc.	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Sceye, Inc. for Collaborative Evaluation of Prototype NASA Research Upper Class E Traffic Management (ETM) System	8/26/2024	8/25/2029	Non-Reimbursable	\$1,241,345.00	ARC	SAA2-403822
108	40872	M3 ENGINEERING	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and M3 Engineering for Robotic Infrastructure Construction and Maintenance Systems Development	10/31/2024	4/30/2026	Non-Reimbursable	\$84,448.00	ARC	SAA2-403820

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
109	40857	Motiv Space Systems	NonReimbursable Space Act Agreement between NASA Ames Research Center and Motive Space Systems for Robotic Infrastructure Assembly Systems Development	10/17/2024	2/16/2026	Non-Reimbursable	\$101,470.00	ARC	SAA2-403818
110	40473	BLUE ORIGIN, LLC	Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Blue Origin, LLC for Blue Origin Entry Technology Development	5/24/2024	5/23/2029	Reimbursable		ARC	SAA2-403808
111	40233	Boston Consulting Group	Nonreimbursable Space Act Agreement between NASA ARC and Boston Consulting Group (BCG) to Explore the Short and Long-Term Benefits of New Generative Artificial Intelligence (GenAI) Technologies		3/19/2027	Non-Reimbursable	\$118,932.00	ARC	SAA2-403800
112	40169	Lawrence Livermore National Security, LLC	Annex Four under the Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Lawrence Livermore National Security, LLC for Aerospace Research and Testing Activities	3/14/2024	3/13/2025	Reimbursable		ARC	SAA2-403582
113	40156	Bay Area Environmental Research Institute	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Bay Area Environmental Research (BAER) Institute Use of Ames Research Center Demand Services	9/25/2024	9/24/2026	Reimbursable		ARC	SAA2-403798-1
114		Bay Area Environmental Research Institute	Reimbursable Umbrella Space Act Agreement between NASA ARC and Bay Area Environmental Research (BAER) Institute for Demand Services	9/25/2024	9/24/2026	Reimbursable		ARC	SAA2-403798

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
115	40154	Breakthrough Prize Foundation	Annex One under Reimbursable Umbrella Space Act Agreement between NASA ARC and Breakthrough Prize Foundation for Demand Services	9/30/2024	9/29/2025	Reimbursable		ARC	SAA2-403797-1
116	40153	Breakthrough Prize Foundation	Reimbursable Umbrella Space Act Agreement between NASA ARC and Breakthrough Prize Foundation for Demand Services	9/30/2024	9/30/2026	Reimbursable		ARC	SAA2-403797
117	39841	Lockheed Martin	Annex Four to the Reimbursable Space Act Umbrella Agreement between NASA LaRC and Lockheed Martin Corporation for Wind Tunnel Testing	1/25/2024	1/24/2025	Reimbursable		ARC	SAA2-403795-4
118	39824	University of California at Berkeley	Reimbursable Space Act Agreement between NASA Ames Research Center and UC Berkeley to Support Research and Development of Novel Computing Codes and Licensing of Shared Space for Computer Hosting	6/14/2024	6/13/2027	Reimbursable		ARC	SAA2-403792
119	39707	Bloom Energy Corporation	Annex One to Reimbursable Umbrella Space Act Agreement between NASA ARC and Bloom Energy fo Demand Services	r 10/20/2023	1/19/2025	Reimbursable		ARC	SAA2-403766-1
120	39706	Bloom Energy Corporation	Reimbursable Umbrella Space Act Agreement between NASA ARC and Bloom Energy for Demand Services	10/20/2023	1/19/2025	Reimbursable		ARC	SAA2-403766

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
121	39529	Leland Stanford Junior University	Annex Two to Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Leland Stanford Junior University for Large Scale Circuit Simulators for Quantum Biology Applications	2/12/2024	2/11/2025	Reimbursable		ARC	SAA2-403497-2
122	39333	Delphire, Inc.	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Delphire, Inc to Analyze and Collaborate on Wildfire Management Technology	9/26/2023	9/25/2025	Non-Reimbursable	\$46,825.00	ARC	SAA2-403775
123	39062	Martina Dimoska	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Martina Dimoska for Space Apps Challenge	9/5/2023	9/4/2028	Non-Reimbursable	\$0.00	ARC	SAA2-403770
124	39049	Rocket Lab USA	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Rocket Lab USA for Space Science, Earth Science, and Engineering Research	6/20/2023	8/19/2027	Non-Reimbursable	\$458,758.00	ARC	SAA2-403750
125	38728	Relativity Space, Inc.	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Relativity Space for Support of Re-Entry Capsule	8/16/2023	8/15/2026	Reimbursable		ARC	SAA2-403760-1
126	38726	Relativity Space, Inc.	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Relativity Space for Support of Re-Entry Capsule	8/16/2023	8/15/2028	Reimbursable		ARC	SAA2-403760

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
127	38577	AeroVironment, Inc.	Non-Reimbursable Space Act Agreement between NASA ARC and AeroVironment, Inc. for Collaborative Evaluation of Prototype NASA Research Upper Class E Traffic Management (ETM) System	12/6/2023	12/5/2028	Non-Reimbursable	\$1,143,525.00	ARC	SAA2-403751
128	38410	SOUTHWEST AIRLINES COMPANY	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Southwest Airlines for Digital Information Platform (DIP) Flight Operators Partnerships	3/21/2023	3/20/2028	Non-Reimbursable	\$2,502,449.00	ARC	SAA2-403745
129	38344	NISSAN NORTH AMERICA, INC	Annex Three to the Reimbursable Space Act Umbrella Agreement with Nissan North America, Inc for Development and Validation of Open-Source Software Tools for Material Informatics		6/10/2025	Reimbursable		ARC	SAA2-403545-3
130	38277	JOBY AVIATION, INC	Annex Two to Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Joby Aviation for High-Rate Composite Component Manufacturing	7/5/2023	7/4/2025	Non-Reimbursable	\$1,361,650.00	ARC	SAA2-403660
131	38192	AMERICAN AIRLINES, INC	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and American Airlines for Digital Information Platform (DIP) Flight Operators Partnership	1/31/2023	1/30/2028	Non-Reimbursable	\$2,502,449.00	ARC	SAA2-403741
132	37980	Delta Air Lines	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Delta Airlines for Digital Information Platform (DIP) Flight Operators Partnership	1/6/2023	1/5/2028	Non-Reimbursable	\$2,502,449.00	ARC	SAA2-403736

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
133	37979	JetBlue Airways	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and JetBlue Airlines for Digital Information Platform Flight Operators Partnership	1/4/2023	1/3/2028	Non-Reimbursable	\$2,502,449.00	ARC	SAA2-403734
134	37710	Aerostar International LLC	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Aerostar International, LLC for Collaborative Evaluation of Prototype NASA Research Upper Class E Traffic Management (ETM) System	4/18/2023	4/17/2028	Non-Reimbursable	\$1,242,127.00	ARC	SAA2-403727
135	37697	University of Georgia	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and University of Georgia for Robust 3D Modeling via Neural Radiance Fields	2/15/2023	8/14/2025	Non-Reimbursable	\$242,644.00	ARC	SAA2-403726
136	37684	Impulse Space	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Impulse Space for Support of Re-Entry Capsule	11/16/2022	11/15/2027	Reimbursable		ARC	SAA2-403725
137	37415	Joby Aero, Inc	Annex One under Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Joby Aero, Inc for Research, Development, Testing, and Evaluation of an Urban Air Mobility (UAM) System		12/19/2027	Non-Reimbursable	\$322,807.00	ARC	SAA2-403721-1
138	37414	Joby Aero, Inc	Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Joby Aero, Inc for Research, Development, Testing, and Evaluation of an Urban Air Mobility (UAM) System	12/20/2022	12/19/2027	Non-Reimbursable	\$0.00	ARC	SAA2-403721

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
139	37314	Xwing, Inc.	Annex One under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Xwing, Inc for Developing Processes and Procedures that Safely Enable Increasingly- Autonomous Aviation in the National Airspace	9/27/2022	9/26/2025	Non-Reimbursable	\$1,078,213.00	ARC	SAA2-403718-1
140	37306	Xwing, Inc.	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Xwing, Inc for Developing Processes and Procedures that Safely Enable Increasingly-Autonomous Aviation in the National Airspace	9/27/2022	9/26/2027	Non-Reimbursable	\$0.00	ARC	SAA2-403718
141	37253	Autonomy Association International, In	Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Autonomy c Association International for Collaborative Research in the Application of NASA Aeronautics Technologies, Facilities, and Services	9/7/2022	9/6/2027	Non-Reimbursable	\$0.00	ARC	SAA2-403715
142	37252	Raytheon Defense Systems	Reimbursable Space Act Agreement between NASA Ames Research Center and Raytheon Defense Systems for Enhanced Heating Sample Testing at the NASA Ames Interaction Heating Facility (IHF) Laser Enhanced Arc Jet Facility (LEAF)	7/14/2023	7/13/2025	Reimbursable		ARC	SAA2-403714
143	37080	Rigetti Computing	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Rigetti Computing for Assess a Gate-Based Quantum Computing Processor for Meeting Complex Computing Challenges		2/7/2028	Non-Reimbursable	\$46,464.00	ARC	SAA2-403707
144	37027	Google, LLC	Reimbursable Space Act Agreement between NASA Ames Research Center and Google, LLC for Calibration and Noise Characterization Approaches for Quantum Hardware	2/24/2023	2/23/2026	Reimbursable		ARC	SAA2-403706

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
145	36817	UNITED AIRLINES	Annex One under NonReimbursable Space Act Umbrella Agreement between NASA Ames Research Center and United Airlines for Collaborative Research to Improve Aviation Safety	4/24/2023	4/23/2028	Non-Reimbursable	\$855,519.00	ARC	SAA2-403698-1
146	36816	UNITED AIRLINES	NonReimbursable Space Act Umbrella Agreement between NASA Ames Research Center and United Airlines for Collaborative Research to Improve Aviation Safety	4/24/2023	4/23/2028	Non-Reimbursable	\$0.00	ARC	SAA2-403698
147	36780	In Orbit Aerospace	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and In Orbit Aerospace for Support of a Re-Entry Capsule	6/21/2022	6/20/2027	Reimbursable		ARC	SAA2-403697
148	36607	Ohio Department of Transportation	Annex Three under NonReimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Ohio Department of Transportation for Advanced Air Mobility Technology Research and Demonstration Activities	-	3/31/2025	Non-Reimbursable	\$418,707.00	ARC	SAA2-403693-3
149	36573	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Lawrence Livermore National Security, LLC for Small Satellite Pathfinder Technology Demonstrator Monolithic Optics Payload	7/13/2022	7/12/2025	Non-Reimbursable	\$2,160,128.00	ARC	SAA2-403692
150	36263	Ohio Department of Transportation	Non-Reimbursable Annex Two under Umbrella Agreement (No. 34682) between NASA Ames Research Center and Ohio Department of Transportation for Advanced Air Mobility Technology Research and Demonstration Activities	5/11/2022	5/11/2025	Non-Reimbursable	\$2,539,780.00	ARC	SAA2-403685-2

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
151	36226	Canopy Aerospace	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Canopy Aerospace for Thermal Protection System Technology Transfer	4/5/2022	4/5/2025	Reimbursable		ARC	SAA2-403683-1
152	36225	Canopy Aerospace	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Canopy Aerospace for Thermal Protection System Technology Transfer	4/5/2022	4/5/2027	Reimbursable		ARC	SAA2-403683
153	36212	The University of California at Berkeley	Annex One to Non-reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and University of California at Berkeley for Space Exploration, Science and Engineering Research, and STEM Initiatives	2/22/2022	2/22/2027	Non-Reimbursable	\$17,962.00	ARC	SAA2-403507-1
154	35946	AIRT, Inc.	Annex One under Non-Reimbursable Umbrella Space Act Agreement between NASA Ames and AIRT, Inc (D/B/A Droneresponders) for Developing Safety Processes and Procedures to Enable Highly- Automated Aviation for Emergency Response in the National Airspace	4/20/2022	4/20/2025	Non-Reimbursable	\$2,911,122.00	ARC	SAA2-403675-1
155	35945	AIRT, Inc.	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and AIRT, Inc (D/B/A Droneresponders) for Developing Safety Processes and Procedures to Enable Highly- Automated Aviation for Emergency Response in the National Airspace	4/20/2022	4/20/2027	Non-Reimbursable	\$0.00	ARC	SAA2-403675
156	35883	Arrow Tech Associates	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Arrow Tech Associates for Wind Tunnel Testing	3/9/2022	3/9/2027	Reimbursable		ARC	SAA2-403674

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
157	35784	Varda Space Industries	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Varda Space Industries for Support of a Re-Entry Capsule	12/28/2021	12/28/2026	Reimbursable		ARC	SAA2-403669
158	35782	Inversion Space	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Inversion Space for Support of a Re-Entry Capsule	2/25/2022	2/25/2027	Reimbursable		ARC	SAA2-403668
159		Northrop Grumman Systems Corporation	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Northrop Grumman Systems Corporation for Unmanned Aircraft Systems for Cargo Transportation	5/11/2022	5/11/2027	Non-Reimbursable	\$0.00	ARC	SAA2-403666
160	35648	JOBY AVIATION, INC	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Joby Aviation for High-Rate Composite Component Manufacturing	6/3/2022	6/2/2027	Non-Reimbursable	\$0.00	ARC	SAA2-403660
161		Lawrence Livermore National Security, LLC	Annex Three under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Lawrence Livermore National Security, LLC for Aerospace Research and Testing Activities		9/30/2025	Reimbursable		ARC	SAA2-403582-3
162	366//	LAWRENCE LIVERMORE NATIONAL LABORATORY, LLC	NonReimbursable Space Act Agreement between NASA ARC and Lawrence Livermore National Security, LLC for Supporting High Performance Computing systems	12/15/2021	12/15/2026	Non-Reimbursable	\$30,797.00	ARC	SAA2-403658

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
163	35475	Northrop Grumman Corporation	Non-Reimbursable Space Act Agreement Between NASA Ames Research Center and the Northrop Grumman Corporation for Prognostics and Health Management	1/17/2023	1/16/2025	Non-Reimbursable	\$10,332.00	ARC	SAA2-403657
164	35422	UNITED AIRLINES	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and United Airlines for Digital Information Platform (DIP) Flight Operators Partnership	1/4/2023	1/3/2028	Non-Reimbursable	\$2,502,449.00	ARC	SAA2-403735
165	35404	Radian Aerospace	Annex One under Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Radian Aerospace, Inc. for Supporting Radian Aerospace Commercial Hypersonic Vehicle Development	12/28/2021	12/28/2026	Reimbursable		ARC	SAA2-403654-1
166	35403	Radian Aerospace	Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Radian Aerospace, Inc. for Supporting Radian Aerospace Commercial Hypersonic Vehicle Development	12/28/2021	12/28/2026	Reimbursable		ARC	SAA2-403654
167	35300	Stratolaunch, Inc.	Annex One under Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Stratolaunch, LLC for Supporting Stratolaunch Commercial Hypersonic Vehicle Development	3/1/2022	3/1/2025	Reimbursable		ARC	SAA2-403646-1
168	35299	Stratolaunch, Inc.	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Stratolaunch, LLC for Supporting Stratolaunch Commercial Hypersonic Vehicle Development	3/1/2022	3/1/2027	Reimbursable		ARC	SAA2-403646

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
169	35290	The Boeing Company	Non-Reimbursable Umbrella Space Act Agreement between NASA ARC and The Boeing Company to Explore Aircraft Autonomy and Autonomous Systems	5/25/2022	5/24/2027	Non-Reimbursable	\$0.00	ARC	SAA2-403647
170	35766	Dallas/Fort Worth International Airport Board	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and Dallas/Fort Worth International Airport Board for Data Sharing for NextGen Research and Development	9/29/2021	9/29/2026	Non-Reimbursable	\$338,769.00	ARC	SAA2-403645
171	34898	DYNETICS CORP	Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and the Dynetics, Inc. for Wind Tunnel Testing	10/12/2021	10/12/2026	Reimbursable		ARC	SAA2-403636
172	34811	Skydio, Inc.	Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and the Skydic Inc. for Autonomous UAS Technology Research and Development	9/1/2021	9/1/2026	Non-Reimbursable	\$0.00	ARC	SAA2-403630
173	34677	Microsoft Corporation	Non-Reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and Microsoft Corporation for Cloud-Base Simulation Platform Prototype	7/16/2021	7/16/2026	Non-Reimbursable	\$0.00	ARC	SAA2-403624
174	34539	The Boeing Company	Non-Reimbursable Space Act Agreement between NASA ARC and Boeing Company for Computational Assessment and Wind Tunnel Data Correlation for a Low Boom Demonstrator Concept	9/27/2021	9/27/2026	Non-Reimbursable	\$161,603.00	ARC	SAA2-403620

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
175	34521	Avision, Inc.	Nonreimbursable Space Act Agreement between NASA Ames Research Center and Avision, Inc for Scalable Traffic Management for Emergency Response Operations (STEReO)	4/27/2021	4/27/2026	Non-Reimbursable	\$1,273,460.00	ARC	SAA2-403618
176	34520	AMERICAN AIRLINES, INC	Nonreimbursable Space Act Agreement between NASA ARC and American Airlines, Inc for Human Factors Research	12/28/2021	12/28/2026	Non-Reimbursable	\$2,940,419.00	ARC	SAA2-403621
177	34514	University of Minnesota	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and The University of Minnesota for Space Exploration, Science, and Engineering Research, and STEM Initiative	7/12/2022	7/11/2027	Reimbursable		ARC	SAA2-403617
178	34470	General Electric Company	Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and General Electric Company for Safety Assurance of Flight Critical Systems	5/20/2021	5/20/2026	Non-Reimbursable	\$0.00	ARC	SAA2-403615
179	34095	Chabot Space & Science Center	Annex One to Non-Reimbursable Umbrella Interagency Agreement between NASA ARC and the Chabot Space and Science Center for Framework on Regional Partnership	2/8/2021	2/8/2026	Non-Reimbursable	\$2,264,336.00	ARC	SAA2-403607-1
180	34094	Chabot Space & Science Center	Non-Reimbursable Umbrella Interagency Agreement between NASA Ames Research Center and the Chabot Space and Science Center for Framework on Regional Partnership	2/8/2021	2/8/2026	Non-Reimbursable	\$0.00	ARC	SAA2-403607

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
181	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	\$0.00	ARC	SAA2-403591
182	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	\$12,568.00	ARC	SAA2-403588
183	33082	Virgin Orbit	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Virgin Orbit, LLC for Supporting the Maturation of Virgin Orbit's Air-Launched Vehicle System	10/6/2020	10/6/2025	Reimbursable		ARC	SAA2-403586
184	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	\$0.00	ARC	SAA2-403585
185	3 7 4 4 4 4 4	Lawrence Livermore National Security, LLC	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Lawrence Livermore National Security, LLC for Aerospace Research and Testing Activities	1/13/2021	1/13/2026	Reimbursable		ARC	SAA2-403582
186	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	r	12/15/2025	Non-Reimbursable	\$96,476.00	ARC	SAA2-403581-1

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
187	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	\$0.00	ARC	SAA2-403581
188		California Department of Forestry and Fire Protection	Non-Reimbursable Space Act Agreement between NASA Ames Research Center and California Department of Forestry and Fire Protection (CAL FIRE) for Scalable Traffic Management for Emergency Response Operation (STEReO)	4/5/2021	4/5/2026	Non-Reimbursable	\$1,892,439.00	ARC	SAA2-403576
189	32699	University of Colorado Boulder	Annex 1 to the Non-Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and University of Colorado for Exploration, Development, and Testing of High Temperature Materials for Hypersonics		4/19/2026	Non-Reimbursable	\$186,242.00	ARC	SAA2-403529-1
190	1.32h 1.3	Khaled bin Sultan Living Oceans Foundation	Non-Reimbursable Space Act Agreement between NASA Ames and Khaled bin Sultan Living Oceans Foundation for Sharing Data to Improve Benthic Habitat Map	5/15/2021	5/15/2026	Non-Reimbursable	\$126,200.00	ARC	SAA2-403568
191	32577	Delta Air Lines, Inc.	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	\$740,892.00	ARC	SAA2-403566
192	32574	VERDIGRIS TECHNOLOGIES, INC	Nonreimbursable Space Act Agreement between Verdigris Technologies, Inc. and NASA Ames Research Center for Advanced Sensing and Health Management for Sustainable Habitats	1/27/2021	1/27/2026	Non-Reimbursable	\$189,758.00	ARC	SAA2-403565

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
193	32524	San Jose State University	Annex One under Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and San Jose State University for Space Exploration, Science and Engineering Research, and STEM Initiatives		2/18/2026	Non-Reimbursable	\$95,926.00	ARC	SAA2-403536-1
194	32521	Gulfstream Aerospace Corporation	Reimbursable Umbrella Space Act Agreement between NASA Ames and Gulfstream Aerospace Corporation for Wind Tunnel Testing	8/15/2021	8/15/2026	Reimbursable		ARC	SAA2-403564
195		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
196	32343	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
197	32295	American Airlines	Annex One under Nonreimbursable Umbrella Space Act Agreement between NASA Ames Research Center and American Airlines for Collaborative Research to Improve Aviation Safety	3/1/2021	3/1/2026	Non-Reimbursable	\$1,789,221.00	ARC	SAA2-403551-1
198	32294	American Airlines	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION AMES RESEARCH CENTER AND AMERICAN AIRLINES FOR COLLABORATIVE RESEARCH TO IMPROVE AVIATION SAFETY	3/1/2021	3/1/2026	Non-Reimbursable	\$0.00	ARC	SAA2-403551

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
199	32210	SAN JOSE STATE UNIVERSITY	Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and San Jose State University for Space Exploration, Science and Engineering Research, and STEM Initiatives	2/18/2021	2/17/2026	Non-Reimbursable	\$0.00	ARC	SAA2-403536
200	32209	California Polytechnic State University	Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and California Polytechnic State University for Space Exploration, Science and Engineering Research, and STEM Initiatives	6/20/2021	6/20/2026	Non-Reimbursable	\$0.00	ARC	SAA2-403539
201	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
202	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	\$62,883.00	ARC	SAA2-403530-1
203	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	\$0.00	ARC	SAA2-403530
204	31890	UNIVERSITY OF COLORADO BOULDER	Non-reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and the University of Colorado at Boulder for Space Exploration, Science and Engineering Research, and STEM Initiatives	4/19/2021	4/19/2026	Non-Reimbursable	\$0.00	ARC	SAA2-403529

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
205	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	4/16/2025	Non-Reimbursable	\$62,229.00	ARC	SAA2-403528-1
206	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	\$0.00	ARC	SAA2-403528
207	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	9/30/2025	Reimbursable		ARC	SAA2-403514
208	31057	The University of California at Berkeley	Non-reimbursable Space Act Umbrella Agreement between NASA Ames Research Center and University of California at Berkeley for Space Exploration, Science and Engineering Research, and STEM Initiatives	2/22/2022	2/22/2027	Non-Reimbursable	\$0.00	ARC	SAA2-403507
209	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
210	29398	SkyTran Inc.	Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Skytran, Inc. for Personal Rapid Transport System	7/2/2021	7/2/2026	Reimbursable		ARC	SAA2-403462

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
211	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
212	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	12/31/2025	Non-Reimbursable		ARC	SAA2-401816
213	41896	Ohio Aerospace Institute	2024 Evening with the Stars	11/4/2024	11/4/2025	Non-Reimbursable	\$182,933.00	GRC	SAA3-1844
214	41744	Texas A&M University	Experimental and Numerical Analysis of Instability in the NASA High Efficiency Centrifugal Compressor	11/25/2024	11/25/2026	Non-Reimbursable	\$135,209.00	GRC	SAA3-1845
215	41734	National Technology and Engineering Solutions of Sandia, LLC	Evaluation of Silicon Carbide Integrated Pressure/Temperature Sensors at Sandia Hypersonic Wind Tunnel	11/27/2024	11/27/2025	Non-Reimbursable	\$90,778.00	GRC	SAA3-1843
216	41460	The Regents of the University of Colorado	Annex 3 to Multi-Asteroid eXplorer (MAX) Mission Support Umbrella Agreement for the Regents of the University of Colorado	10/13/2024	12/19/2025	Reimbursable		GRC	SAA3-1753-03

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
217	41342	Redwire Space Inc.	Electric Propulsion Development Support	9/24/2024	9/24/2026	Reimbursable		GRC	SAA3-1841
218	41335	Martina Dimoska	Annex 3 under SAA2-403770 Non-Reimbursable Umbrella Space Act Agreement Space Apps Challenge	9/20/2024	9/20/2025	Non-Reimbursable	\$6,088.00	GRC	SAA2-403770-03
219	41273	Northrop Grumman	Annex No. 07 to SAA3-1724 for Electric Propulsion System Development Support	9/6/2024	9/6/2026	Reimbursable		GRC	SAA3-1724-07
220	41235	University Hospitals of Cleveland	Annex No. 2 under SAA3-1819 Nonreimbursable Umbrella Agreement with University Hospitals of Cleveland	11/8/2024	11/8/2027	Non-Reimbursable	\$40,788.00	GRC	SAA3-1819-02
221	41231	Turion Space Corp.	Thruster Hardware Testing	12/10/2024	12/10/2025	Reimbursable		GRC	SAA3-1835-01
222	41230	Turion Space Corp.	Turion Space Thruster Hardware Testing	12/10/2024	12/10/2027	Reimbursable		GRC	SAA3-1835

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
223	40863	Kent State University	Combined Experimental and Analytical Validation Study of Environmental Barrier Coating (EBC) Under Relevant Turbine Environments	8/15/2024	8/15/2025	Non-Reimbursable	\$4,937.00	GRC	SAA3-1829
224	40850	Kepler Communications US Inc.	Information Exchange Regarding Space-Relay Capability and Demonstration Opportunities	9/2/2024	9/2/2027	Non-Reimbursable	\$306,097.00	GRC	SAA3-1830
225	40809	Pratt & Whitney	Icing Inlet Test Rig	6/10/2024	6/10/2026	Reimbursable		GRC	SAA3-1828-01
226	40808	Pratt & Whitney	Wind Tunnel Testing for Pratt & Whitney	6/10/2024	6/9/2029	Reimbursable		GRC	SAA3-1828
227	40785	Parallax Advanced Research	Annex No. 1 Dissemination of Polymer Aerogels	7/9/2024	9/9/2025	Non-Reimbursable	\$8,388.00	GRC	SAA3-1826-01
228	40784	Parallax Advanced Research	Mutually Beneficial Research	7/9/2024	7/8/2029	Non-Reimbursable	\$0.00	GRC	SAA3-1826

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
229	40775	Dimensional Energy	NASA Environmental Barrier Coating (EBC) Fabrication on Silicon Carbide to Evaluate its Applicability in Energy Industry in SynGas	6/10/2024	6/10/2025	Reimbursable		GRC	SAA3-1824
230	40626	University Hospitals of Cleveland	Annex No. 1 under SAA3-1819 Nonreimbursable Umbrella Agreement	6/27/2024	6/27/2027	Non-Reimbursable	\$84,272.00	GRC	SAA3-1819-1
231	40625	University Hospitals of Cleveland	Mutually Beneficial Research	6/27/2024	6/26/2029	Non-Reimbursable	\$0.00	GRC	SAA3-1819
232	40620	Lockheed Martin	Annex to Capabilities to Support Development and Acceptance of Advanced Manufacturing	7/23/2024	7/23/2026	Non-Reimbursable	\$299,718.00	GRC	SAA1-37675-02
233	40617	Cedar Point Amusement Park	Cedar Point Physics Science and Math Week	4/22/2024	4/21/2029	Non-Reimbursable	\$103,389.00	GRC	SAA3-1823
234	40577	Castheon, Inc.	Maturing AM Technology for C-103 in Hypersonics and Space	10/24/2024	4/24/2026	Reimbursable		GRC	SAA3-1817

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
235	40569	Global Energy Corporation	Lattice Confinement Fusion (LCF) Fast Fission Fuel Rods for Conventional Reactors	6/24/2024	6/24/2026	Reimbursable		GRC	SAA3-1822-01
236	40568	Global Energy Corporation	Test and Evaluation of Hybrid Reactor Technology	6/24/2024	6/23/2029	Reimbursable		GRC	SAA3-1822
237	40532	Plus Designs, Inc.	Testing of High Temperature Seals	6/21/2024	6/21/2026	Reimbursable		GRC	SAA3-1818
238	40125	Youth Opportunities Unlimited	Annex No. 1 under SAA3-1820 High School STEM Engagement Partnership Umbrella Agreement	5/31/2024	5/31/2026	Non-Reimbursable	\$464,959.00	GRC	SAA3-1820-01
239	40124	Youth Opportunities Unlimited	High School STEM Engagement Partnership	5/31/2024	5/30/2029	Non-Reimbursable	\$0.00	GRC	SAA3-1820
240	40062	Oerlikon Metco (US) Incorporated	Plasma Spray-Physical Vapor Deposition (PS-PVD) of Novel High Entropy Oxides	8/6/2024	8/6/2025	Reimbursable		GRC	SAA3-1809

ROW NC	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
241	40029	ROLLS-ROYCE CORP	Annex No. 6 to SAA3-1606 for High-Temperature Durability Testing of EBCs	3/8/2024	3/8/2025	Reimbursable		GRC	SAA3-1606-06
242	40024	Rivotto, Inc.	Fabrication of Radiation Detectors for Elevated Temperature Applications	2/21/2024	2/21/2025	Reimbursable		GRC	SAA3-1804
243	39980	Northrop Grumman	Annex No. 06 to SAA3-1724 for Extension of Long Duration Wear Test	2/28/2024	2/28/2026	Reimbursable		GRC	SAA3-1724-06
244	39979	Greater Cleveland Partnership	Strategic Economic Development Collaboration	11/28/2023	11/27/2028	Non-Reimbursable	\$71,388.00	GRC	SAA3-1800
245	39929	Federal Reserve Bank of Cleveland	Annex to Science, Technology, Engineering and Mathematics (STEM) Outreach between NASA GRC and Cleveland Federal Reserve	1/30/2024	1/30/2025	Non-Reimbursable	\$15,289.00	GRC	SAA3-1699-02
246	39800	L3 Harris Company	Variable Tuned Inductors for Power Conversion	6/14/2024	6/14/2026	Non-Reimbursable	\$27,347.00	GRC	SAA3-1799

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
247	39764	Gulfstream Aerospace Corporation	Fan Noise Simulation and Analysis	4/7/2024	4/7/2026	Non-Reimbursable	\$107,323.00	GRC	SAA3-1788-01
248	39763	Gulfstream Aerospace Corp.	Collaborative Research for Aircraft Engine Noise Generation and Propagation	4/7/2024	4/7/2029	Non-Reimbursable	\$0.00	GRC	SAA3-1788
249	39760	Astrobotic Technology, Inc.	Universal Modular Interface Converter (UMIC) for LunaGrid-Lite	4/18/2024	4/18/2028	Reimbursable		GRC	SAA3-1811
250	39642	Zeno Power Systems	GRC Support for Zeno Harmonia Americium-241 Radioisotope Stirling Generator (RSG)	5/5/2024	5/5/2028	Reimbursable		GRC	SAA3-1792
251	39535	Physical Sciences Inc.	Testing of High Temperature Seals and Preload Devices	1/8/2024	1/8/2026	Reimbursable		GRC	SAA3-1784
252	39451	CITY OF CLEVELAND	NASA Glenn Airport Exhibit	12/14/2023	12/14/2027	Non-Reimbursable	\$421,648.00	GRC	SAA3-1777

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
253	39402	Northrop Grumman	Annex No. 05 under SAA3-1724 for Support for NGHT- 1X Qualification Thermal Vacuum Test	11/13/2023	11/13/2025	Reimbursable		GRC	SAA3-1724-05
254	39249	Zeno Power Systems	Development of Radioisotope Stirling Generator (RSG) Technology	1/21/2024	1/21/2026	Reimbursable		GRC	SAA3-1778-01
255	39248	Zeno Power Systems	Research and Testing of Technology Related to Development of a Radioisotope Stirling Generator (RSG)	1/21/2024	1/20/2029	Reimbursable		GRC	SAA3-1778
256	39187	Radian Aerospace	Annex No. 02 Under SAA3-1726 for Multilayer Aerogel Composite Hybrid (MACH) Evaluation	1/19/2024	3/19/2025	Reimbursable		GRC	SAA3-1726-02
257	39156	GENERAL ELECTRIC COMPANY	GE HYDROGEN GAS SENSOR FABRICATION	3/22/2024	3/22/2026	Reimbursable		GRC	SAA3-1774
258	38891	The Ohio State University	Aerospace Materials Research and Characterization	8/7/2023	8/7/2025	Non-Reimbursable	\$83,235.00	GRC	SAA3-1768

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
259	38871	Northrop Grumman	Annex No. 04 under SAA3-1724 for Support for Flight Cathode Heater and Thruster Acceptance Testing	8/15/2023	8/15/2025	Reimbursable		GRC	SAA3-1724-04
260	38857	MAKEL ENGINEERING, INC	MPASS Development and Testing Support	3/7/2024	3/7/2026	Reimbursable		GRC	SAA3-1780
261	38776	The Boeing Company	Annex to Aerospace Research Development	8/7/2023	8/7/2025	Non-Reimbursable	\$32,056.00	GRC	SAA1-35361-04
262	38680	gravityLab LLC	Partial-g Investigations in LEO using Microsatellites	9/6/2023	9/6/2027	Non-Reimbursable	\$376,872.00	GRC	SAA3-1766
263	38649	MicroLink Devices, Inc.	Solar Cell Temperature Dependence Measurements	4/2/2024	4/2/2025	Reimbursable		GRC	SAA3-1793
264	38404	The Boeing Company	Controlled Vortex Generator for Quiet High Lift Systems (QHLS)	11/7/2023	11/7/2027	Non-Reimbursable	\$253,799.00	GRC	SAA3-1761

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
265	38385	Miami University	The Conservation Genetic Assessment Of Smooth Greensnakes (Opheodrys vernalis) At NASA Glenn Research Center (GRC) At Neil A. Armstrong Test Facility (GRC-ATF)	6/26/2023	6/24/2028	Non-Reimbursable	\$19,610.00	GRC	SAA3-1759
266	38201	GENERAL ELECTRIC COMPANY, GE AEROSPACE	GE Aerospace CLEEN III Unducted Single Fan Test	11/26/2023	11/26/2027	Reimbursable		GRC	SAA3-1760
267	38094	LOCKHEED MARTIN	Lunar Spring Tire Testing at GRC	3/13/2023	3/13/2026	Reimbursable		GRC	SAA8-2134592-08
268		The Regents of the University of Colorado	Multi-Asteroid eXplorer (MAX) Mission Support Umbrella Agreement for the Regents of the University of Colorado	8/3/2023	8/1/2028	Reimbursable		GRC	SAA3-1753
269	37541	Lunar Resources, Inc	Developing, Implementing, and Operating Lunar In- Situ Photovoltaic Power Grids	3/15/2023	3/15/2025	Non-Reimbursable	\$479,092.00	GRC	SAA3-1756
270	37484	General Electric Company	Burner Rig Material Durability	2/26/2023	2/26/2025	Reimbursable		GRC	SAA3-1747

ROW NO). PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
271	37391	Microsoft Corporation	Lithium-Ion (Li) Battery Testing	7/16/2023	7/16/2027	Non-Reimbursable	\$643,981.00	GRC	SAA3-1745
272	37298	GENERAL ELECTRIC COMPANY	Evaluation of Alternative Fuels on Contrail Formation in the GRC Particulate Aerosol Laboratory (PAL)	4/25/2023	4/25/2025	Reimbursable		GRC	SAA3-1744
273	37141	Wright Electric, LLC	NEAT Wright Electric Motor Test	6/8/2023	6/8/2026	Non-Reimbursable	\$1,638,899.00	GRC	SAA3-1742
274	37051	Massachusetts Institute of Technology	Evaluation of Radiation Hardiness of Silicon Carbide Piezoresistive Pressure Sensors	3/15/2023	3/15/2025	Non-Reimbursable	\$10,188.00	GRC	SAA3-1746-01
275	37050	Massachusetts Institute of Technology	Evaluation of Radiation Effects on NASA GRC Silicon Carbide Microsystems and Physical Sensors	3/15/2023	3/13/2028	Non-Reimbursable	\$0.00	GRC	SAA3-1746
276	36925	The University of Akron	Graduate Traineeship on Advances in Materials Science Using Machine Learning	9/28/2022	9/27/2027	Non-Reimbursable	\$124,156.00	GRC	SAA3-1739

ROWN	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
277	36837	SolAero Technologies Corp.	Atomic Oxygen Testing of Solar Array Materials for LEO Satellite Application	8/28/2022	8/28/2025	Reimbursable		GRC	SAA3-1737
278	36568	Inmarsat Government, Inc.	Communications Services Project Funded Space Act Agreement for Inmarsat Government, Inc.	5/31/2022	5/30/2027	Funded	\$28,628,731.00	GRC	NNC2236568
279	36567	Telesat U.S. Services, LLC	Communications Services Project Funded Space Act Agreement for Telesat U.S. Services, LLC	5/31/2022	5/30/2027	Funded	\$30,654,565.00	GRC	NNC2236567
280	36565	KGS, LLC	Communications Services Project Funded Space Act Agreement for KGS, LLC.	5/31/2022	5/30/2027	Funded	\$67,000,000.00	GRC	NNC2236565
281	36564	Space Exploration Technologies, Corp.	Communications Services Project Funded Space Act Agreement for Space Exploration Technologies, Corp.	5/31/2022	5/30/2027	Funded	\$69,955,973.00	GRC	NNC2236564
282	36563	SES Government Solutions, Inc.	Communications Services Project	5/31/2022	5/30/2027	Funded	\$28,963,792.00	GRC	NNC2236563

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
283	36547	Viasat, Inc.	Communications Services Project	5/31/2022	5/30/2027	Funded	\$53,345,718.00	GRC	NNC2236547
284	36406	UNIVERSITY OF ARIZONA	Perovskite Stress Analysis for Lunar Applications	7/31/2022	7/31/2025	Non-Reimbursable	\$24,044.00	GRC	SAA3-1725
285	36355	RELATIVITY SPACE, INC.	Production of Alumina Strengthened Cu Alloy	2/20/2023	2/20/2025	Non-Reimbursable	\$46,915.00	GRC	SAA3-1723-01
286	36354	RELATIVITY SPACE, INC.	Exploration of Oxide Dispersion Strengthened Copper Alloys	2/20/2023	2/20/2027	Non-Reimbursable	\$0.00	GRC	SAA3-1723
287	36290	Radian Aerospace Incorporated	Commercial Space Transport and Aircraft Components Research and Development Activities	8/28/2022	8/27/2027	Reimbursable		GRC	SAA3-1726
288	36156	NATIONAL TECHNOLOGY AND ENGINEERING SOLUTIONS OF SANDIA, LLC	Engineering and Testing Services	1/18/2022	1/18/2026	Reimbursable		GRC	SAA3-1702

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
289	36027	Space Exploration Technologies Corp.	Annex No. 2 under SAA3-1708 to Spaceflight and Spaceflight Hardware Related Analysis, Services, Testing, and Expertise	9/4/2022	9/4/2025	Reimbursable		GRC	SAA3-1708-2
290	36020	Northrop Grumman	Electric Propulsion System Development, Fabrication, and Testing	12/19/2022	12/18/2027	Reimbursable		GRC	SAA3-1724
291	36011	Wichita State University	Development of Multi-Functional Liner Concepts for Improvement of Turbofan Engines	5/7/2023	5/7/2025	Non-Reimbursable	\$3,202.00	GRC	SAA3-1717
292	35262	Space Exploration Technologies Corp.	SPACEFLIGHT AND SPACEFLIGHT HARDWARE RELATED ANALYSIS, SERVICES, TESTING, AND EXPERTISE	9/21/2021	9/21/2026	Reimbursable		GRC	SAA3-1708
293	35235	Miami Valley Career Technical Center	NASA HUNCH (High school students United with NASA to Create Hardware)	6/9/2022	6/8/2027	Non-Reimbursable	\$114,496.00	GRC	SAA3-1707
294	35124	Federal Reserve Bank of Cleveland	SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) OUTREACH BETWEEN NASA GRC AND CLEVELAND FED	2/24/2022	2/24/2027	Non-Reimbursable	\$0.00	GRC	SAA3-1699

ROW NO	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
295	35018	AURA Network Systems	Annex 2 to Advanced Air Mobility Technology Research and Demonstration Activities with AURA Network Systems (2021 ARMD ACO Award)	7/6/2021	7/6/2026	Non-Reimbursable	\$650,975.00	GRC	GRC PAM NO 35018
296	34618	University Circle, Incorporated	University Circle Incorporated Future Connections Partnership	7/29/2022	7/28/2027	Non-Reimbursable	\$77,257.00	GRC	SAA3-1705
297	34317	UNIVERSITY OF NOTRE DAME	Collaborative Research for Fan Noise Generation and Propagation on Advanced Noise Control Fan (ANCF)	5/26/2021	5/26/2026	Non-Reimbursable	\$80,095.00	GRC	SAA3-1688
298	34260	Wright Electric, Inc.	NASA/Wright Electric Power Electronic Technologies for Electrified Aircraft Propulsion (EAP)	7/12/2022	7/12/2027	Non-Reimbursable	\$202,458.00	GRC	SAA3-1704
299	33985	ASM International	Artificial Intelligence (AI)/Machine Learning (ML) Enhanced Toolkit to Establish Processing, Structure, Property, Performance (PSPP) Relationships to Accelerate Alloy Development and Increase Performance	1/2/2022	1/2/2025	Non-Reimbursable	\$162,576.00	GRC	SAA3-1683
300	33936	JumpStart, Inc.	Commercialization of NASA GRC Technology Efforts with JumpStart, Inc.	4/1/2021	4/1/2026	Non-Reimbursable	\$43,342.00	GRC	SAA3-1678

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
301	33924	THE BOEING COMPANY	Development of Ultra-High-Performance Metallic Turbine Blades for Extreme Environments	2/13/2023	8/13/2026	Reimbursable		GRC	SAA3-1680
302	33534	The Ohio State University	In-Situ 3-D Printing of Wireless Implant with The Ohio State University	12/2/2020	12/1/2025	Non-Reimbursable	\$81,884.00	GRC	SAA3-1670
303	33049	Amazon.Com Services, LLC.	Spacecraft Electric Propulsion Component Development, Manufacturing, Testing and Evaluation	1/5/2021	1/5/2026	Reimbursable		GRC	SAA3-1663
304	33024	CesiumAstro, Inc.	SmallSat Ka-band Operations User Terminal (SKOUT) Flight Experiments with CesiumAstro	12/2/2020	12/2/2025	Non-Reimbursable	\$150,568.00	GRC	SAA3-1664
305	32927	THE BOEING COMPANY	Advanced Dispersion Coating and Consolidation Techniques for Powder Feedstock	12/22/2022	12/22/2026	Non-Reimbursable	\$222,654.00	GRC	SAA3-1687
306	32534	ZIN TECHNOLOGIES, INC	Use of Unique NASA Facilities (EMI Lab, SDL, TVAC)	8/11/2020	8/11/2025	Reimbursable		GRC	SAA3-1662

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
307	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
308	31589	Southwest Research Institute	Great Horned Owl Demonstration and Validation Program with Southwest Research Institute	5/13/2020	5/12/2025	Non-Reimbursable	\$20,647.00	GRC	SAA3-1658
309	31344	GREAT LAKES SCIENCE CENTER	The Official NASA Glenn Visitor Center	9/30/2019	9/30/2029	Non-Reimbursable	\$0.00	GRC	SAA3-1630
310	30295	THE BOEING COMPANY	Collaborative Icing Research, Simulation Tool Development and Testing Opportunities	3/12/2020	3/11/2025	Non-Reimbursable	\$59,152.00	GRC	SAA3-1652
311	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
312	27738	GENERAL ELECTRIC COMPANY	GE Aviation Low Pressure Ratio Fan and Inlet Technology Test	6/26/2019	6/26/2026	Reimbursable		GRC	SAA3-1587

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
313	27174	GENERAL ELECTRIC COMPANY	GE Low Pressure Ratio Fan Test	3/28/2019	6/28/2025	Non-Reimbursable	\$8,745,725.00	GRC	SAA3-1588
314	20864	LEWIS LITTLE FOLKS	Lewis Little Folks Space Act Agreement	7/11/2017	7/11/2027	Non-Reimbursable	\$1,000,007.00	GRC	SAA3-1494
315		The Trustees of Columbia University in the City of New York	Annex 1 for Collaborative research, education and/or technology development, workforce development, science, and engineering exchanges, applied science, and commercial/nonprofit research and technology infusion.	12/10/2024	12/10/2029	Non-Reimbursable	\$800,000.00	GSFC	
316		The Trustees of Columbia University in the City of New York	COLLABORATIVE RESEARCH, TECHNOLOGY DEVELOPMENT, AND EDUCATIONAL AND WORKFORCE DEVELOPMENT INITIATIVES	12/10/2024	12/10/2029	Non-Reimbursable	\$0.00	GSFC	
317	41446	Cornell University	COLLABORATIVE EXPLORATION AND ENGINEERING FOR THERMAL DESIGN, FLIGHT DYNAMICS AND ROBOTIC SAMPLE	10/18/2024	10/18/2029	Non-Reimbursable	\$9,220,000.00	GSFC	SAA5-24-2-N41446
318	141340	University of Colorado Board of Regents	Advancing National Heliophysics and Space Weather Capabilities	8/14/2024	8/13/2029	Non-Reimbursable	\$125,000.00	GSFC	NASA_LASP

ROW NC	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
319	40770	UNIVERSITY OF NEBRASKA AT LINCOLN	Building a Global Composite Drought Indicator (GCDI) Hot Spot Early Warning and Information System Follow-on Effort (Phase II)	8/19/2024	8/18/2025	Reimbursable		GSFC	NASA-UNL-40770
320	40555	Virginia Commercial Space Flight Authority	annex to Facility Access Support Subagreement	5/7/2024	5/6/2025	Reimbursable		GSFC	GSFC-97-1959
321	40552	Pulse Investment Partners LLC	Advancing Awareness and Creating Commercialization Opportunities for Climate Related Technology	8/19/2024	8/18/2027	Non-Reimbursable	\$78,000.00	GSFC	SAA5-2024-02-N40552
322	40365	NATIONAL SPACE CLUB AND FOUNDATION	MAXIMIZE OPPORTUNITIES FOR NASA STEM ENGAGEMENT	8/5/2024	8/5/2029	Non-Reimbursable	\$442,250.00	GSFC	SAA5-24-2-N40365
323	40286	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	DEVELOPMENT and OFFERING OF TEACHING ACTIVITIES	7/11/2024	7/10/2029	Reimbursable		GSFC	40286
324	40283	UNIVERSITY OF MASSACHUSETTS, LOWELL	COLLABORATION FOR DEVELOPMENT OF PROOF OF-CONCEPT ARTIFICIAL INTELLIGENCE ALGORITHMS FOR SATELLITE CONSTELLATION MISSIONS	7/11/2024	7/11/2025	Non-Reimbursable	\$34,400.00	GSFC	SAA5-2024-02-N40283

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
325	40253	UNITED LAUNCH ALLIANCE, LLC	Annex 21 to ULA Umbrella with Annexes for launch vehicle support	9/10/2024	9/10/2025	Reimbursable		GSFC	450-AGMT-0180
326	40252	UNITED LAUNCH ALLIANCE, LLC	Annex 20 to ULA Umbrella with Annexes for launch vehicle support	9/10/2024	9/10/2025	Reimbursable		GSFC	450-AGMT-0180
327	40251	UNITED LAUNCH ALLIANCE, LLC	Annex 19 to ULA Umbrella with Annexes for launch vehicle support	8/9/2024	8/9/2025	Reimbursable		GSFC	450-AGMT-0180
328	40245	BLUE ORIGIN, LLC	Blue Origin ESCAPADE Mission SAA	6/12/2024	6/12/2025	Reimbursable		GSFC	450-AGMT-0201
329	40244	BLUE ORIGIN, LLC	Blue Origin ESCAPADE Mission SAA and 1st Annex (EscaPADE mission)	6/12/2024	6/12/2029	Reimbursable		GSFC	450-AGMT-0201
330	40071	UNITED LAUNCH ALLIANCE, LLC	Annex 16 / Vulcan/USSF-106 Mission to the FR ULA Umbrella with Annexes for launch vehicle support	5/3/2024	5/3/2025	Reimbursable		GSFC	450-AGMT-0180

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
331	40070	UNITED LAUNCH ALLIANCE, LLC	Annex 15 to ULA Umbrella with Annexes for launch vehicle support	2/20/2024	2/20/2025	Reimbursable		GSFC	450-AGMT-0180
332	40034	UNITED LAUNCH ALLIANCE, LLC	Annex 18 to ULA Umbrella with Annexes for launch vehicle support	8/9/2024	8/9/2025	Reimbursable		GSFC	450-AGMT-0180
333	40033	UNITED LAUNCH ALLIANCE, LLC	Annex 17 / Vulcan GPS III-7 Mission to FR ULA Umbrella with Annexes for launch vehicle support	5/3/2024	5/3/2025	Reimbursable		GSFC	450-AGMT-0180
334	39969	Maxar Intelligence, INC	CONJUNCTION ASSESSMENT SCREENING SERVICES	4/8/2024	9/30/2029	Reimbursable		GSFC	SAA5-2023-39969
335		UNIVERSITY OF MARYLAND BALTIMORE COUNTY	COLLABORATION ON AUGMENTED REALITY AND VIRTUAL REALITY DEVELOPMENT FOR NASA SCIENCE AND ENGINEERING	12/2/2024	12/2/2026	Non-Reimbursable	\$18,900.00	GSFC	SAA5-23-1-N39904
336	39894	THE UNIVERSITY OF NORTH TEXAS	COLLABORATION ON AUGMENTED REALITY AND VIRTUAL REALITY DEVELOPMENT FOR NASA SCIENCE AND ENGINEERING		7/11/2026	Non-Reimbursable	\$19,000.00	GSFC	SAA5-23-1-N39894

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
337	39834	Vulcan Wireless Inc.	COLLABORATION ON ENVIRONMENTAL AND RF TESTING FOR CubeSat /Small Sat Missions	5/14/2024	5/14/2025	Non-Reimbursable	\$60,000.00	GSFC	39834
338	39749	Learn Ventures Inc.	Collaboration with Learn Ventures for Development of Artificial Intelligence Technology for Space Applications	4/8/2024	4/8/2025	Non-Reimbursable	\$34,400.00	GSFC	SAA5-2023-04-N39749
339	39699	SPACE EXPLORATION TECHNOLOGIES CORP	for the SpaceX Polaris Dawn Mission	5/3/2024	5/3/2025	Reimbursable		GSFC	450-AGMT-0199
340	39344	ARIZONA BOARD OF REGENTS FOR AND BEHALF OF ARIZONA STATE UNIVERSITY	Mars Atmospheric Infrared Data Analysis	3/18/2024	3/17/2025	Reimbursable		GSFC	NASA-ASU-39344
341	39306	INTUITIVE MACHINES, LLC	Annex to Engineering Analysis and Testing	11/14/2023	11/14/2025	Reimbursable		GSFC	SAA-XA-21-34137
342	39101	CleanConnect.ai	Miniaturized Laser Heterodyne Radiometer	4/3/2024	4/3/2027	Reimbursable		GSFC	39101

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
343	39057	Polaris MEP	LEVERAGE COLLECTIVE RESOURCES BETWEEN NASA T2X AND MEP FOR THE PURPOSE OF SUPPORTING OF US MANUFACTURERS	8/30/2023	8/30/2025	Non-Reimbursable	\$12,250.00	GSFC	
344	38//1	Described and Captioned Media Program	DESCRIBED AND CAPTIONED MEDIA PROGRAMS MEDIA EDITING FOR DISABLED STUDENTS	6/1/2023	6/1/2026	Non-Reimbursable	\$21,000.00	GSFC	
345	38634	INTEL CORP	CREATING A LEARNING COMMUNITY FOR STUDENTS	6/20/2023	6/20/2026	Non-Reimbursable	\$4,276.00	GSFC	
346	38537	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Collaboration with MIT	4/3/2024	4/3/2025	Non-Reimbursable	\$34,400.00	GSFC	SAA5-2023-02-NR38537
347		UNIVERSITY OF NORTH CAROLINA WILMINGTON	Non-Reimbursable SAA with UNCW for SOCON	4/27/2023	4/27/2028	Non-Reimbursable	\$185,000.00	GSFC	450-AGMT-0193
348	38242	UNITED LAUNCH ALLIANCE, LLC	Annex 12 to ULA Umbrella with Annexes for launch vehicle support	2/16/2023	2/16/2025	Reimbursable		GSFC	450-AGMT-0180

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
349	38232	UNIVERSITY OF NOTRE DAME	Supporting Development and Operation of the ILOCATOR Spectrometer	7/12/2023	7/11/2028	Non-Reimbursable	\$69,000.00	GSFC	NASA-UND-38232
350	38018	Horn Entrepreneurship	FOR DISSEMINATION OF NASA TECHNOLOGIES FOR ENTREPRENEURIAL OPPORTUNITIES AND TECHNOLOGY TRANSFER TO UNIVERSITY (T2U) FOR EDUCATIONAL UTILIZATION, STEM ENGAGEMENT, AND ANALYSIS	4/4/2023	4/4/2025	Non-Reimbursable	\$9,000.00	GSFC	
351	37909	Black River Innovation Campus	NONREIMBURSABLE SPACE ACT AGREEMENT FOR THE DISSEMINATION OF NASA TECHNOLOGIES FOR ENTREPRENEURIAL OPPORTUNITIES AND TECHNOLOGY TRANSFER TO UNIVERSITY (T2U) FOR EDUCATIONAL UTILIZATION AND ANALYSIS	4/5/2023	4/5/2026	Non-Reimbursable	\$28,000.00	GSFC	
352		SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	Collaboration On Women In STEAM	12/5/2022	12/5/2027	Non-Reimbursable	\$190,000.00	GSFC	SAA5-22-4-N37534
353	37438	UNITED LAUNCH ALLIANCE, LLC	Annex 11 to ULA Umbrella with Annexes for launch vehicle support	3/21/2023	6/8/2026	Reimbursable		GSFC	450-AGMT-0180
354	13//112	WOMEN'S NATIONAL BASKETBALL PLAYERS ASSOCIATION	COLLABORATION ON AWARENESS OF NASA TECHNOLOGIES FOR ENTREPRENEURIAL OPPORTUNITIES.	11/15/2022	11/15/2025	Non-Reimbursable	\$112,600.00	GSFC	SAA5-22-4-N37412

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
355	37395	UNITED LAUNCH ALLIANCE, LLC	Annex 10 to ULA Umbrella with Annexes for launch vehicle support	3/21/2023	6/8/2026	Reimbursable		GSFC	450-AGMT-0180
356	37392	UNITED LAUNCH ALLIANCE, LLC	Annex 9 to the ULA Umbrella with Annexes for launch vehicle support	3/21/2023	6/8/2026	Reimbursable		GSFC	450-AGMT-0180
357	36376	First Street Foundation	Facilitating Cooperation and Coordination around the Economical, Societal, and Physical Impacts of Current and Future Environmental Changes	7/11/2022	7/10/2027	Non-Reimbursable	\$800,000.00	GSFC	NASA_FS_36376
358	36365	LOUISIANA STATE UNIVERSITY	Multimessenger Operational Science Support and Astrophysics Information Collaboration (MOSSAIC)	8/1/2022	7/31/2027	Non-Reimbursable	\$51,200.00	GSFC	NASA-LSU-36365
359	36298	UNITED LAUNCH ALLIANCE, LLC	Annex Eight to ULA Umbrella with Annexes for launch vehicle support	6/27/2022	6/8/2026	Reimbursable		GSFC	450-AGMT-0180
360	36211	BLUE ORIGIN, LLC	Annex to Engineering Analysis and Testing	12/5/2022	2/8/2025	Reimbursable		GSFC	SAA-EA-20-29343

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
361	36196	UNITED LAUNCH ALLIANCE, LLC	Annex 7 to the ULA Umbrella with Annexes for Launch Vehicle support	6/27/2022	6/8/2026	Reimbursable		GSFC	450-AGMT-0180
362	36195	UNITED LAUNCH ALLIANCE, LLC	Annex Six to ULA Umbrella with Annexes for launch vehicle support	6/27/2022	6/8/2026	Reimbursable		GSFC	450-AGMT-0180
363	36118	UNITED LAUNCH ALLIANCE, LLC	Annex Five to ULA Umbrella with Annexes for launch vehicle support	6/7/2022	6/7/2026	Reimbursable		GSFC	450-AGMT-0180
364	36099	Space Systems Loral	Application of Thermal Control Coatings to Space Flight Hardware	7/15/2022	7/12/2025	Reimbursable		GSFC	SAA5-22-2-R36099
365	35702	THE CONRAD FOUNDATION	Student Activities for NASA Owned Inventions	10/24/2022	10/24/2027	Non-Reimbursable	\$0.00	GSFC	35702
366	34694	HOWARD	Joint Collaborative Framework for Earth Science Studies	3/22/2022	3/21/2027	Non-Reimbursable	\$51,200.00	GSFC	NASA-HU-34694

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
367	34656	GEORGE WASHINGTON UNIVERSITY	Joint Collaborative Framework for Astrophysical Studies	10/27/2021	10/26/2026	Non-Reimbursable	\$51,200.00	GSFC	NASA-GWU-34656
368	34265	University of Maryland Eastern Shore	Space Exploration, Science and Engineering Research, Business, Computer Science, and STEM Initiatives	9/24/2021	9/23/2026	Non-Reimbursable	\$8,211.00	GSFC	GSFC-21-34265
369	34264	University of Maryland Eastern Shore	Space Exploration, Science and Engineering Research, Business, Computer Science and STEM Initiatives	9/23/2021	9/23/2026	Non-Reimbursable	\$0.00	GSFC	GSFC-21-34265 NRSAA Umbrella
370	34065	UNITED LAUNCH ALLIANCE, LLC	Annex 4 to ULA Umbrella with Annexes for launch vehicle support (Vulcan SNC-1)	6/7/2021	6/7/2026	Reimbursable		GSFC	450-AGMT-0180
371	34064	UNITED LAUNCH ALLIANCE, LLC	Annex 3 to ULA Umbrella with Annexes for launch vehicle support (Vulcan Peregrine)	6/7/2021	6/7/2026	Reimbursable		GSFC	450-AGMT-0180
372	34061	UNITED LAUNCH ALLIANCE, LLC	Annex 2 to ULA Umbrella with Annexes for launch vehicle support (Atlas V CFT)	6/7/2021	6/7/2026	Reimbursable		GSFC	450-AGMT-0180

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
373	34020	UNITED LAUNCH ALLIANCE, LLC	Annex 1 under the ULA Umbrella for launch vehicle support (Atlas V USSF-8)	6/8/2021	6/8/2026	Reimbursable		GSFC	450-AGMT-0180
374	34019	UNITED LAUNCH ALLIANCE, LLC	ULA Umbrella with Annexes for launch vehicle support	6/8/2021	6/8/2026	Reimbursable		GSFC	450-AGMT-0180
375	32764	Planet Labs Inc.	Orbit Maintenance Coordination w/ GPM & Planet Labs Inc.	11/18/2020	11/18/2025	Non-Reimbursable	\$23,000.00	GSFC	
376	32725	University of Texas at Austin	Annex to Outreach for Space Operations and Mission Problems	10/15/2020	6/8/2025	Non-Reimbursable	\$26,000.00	GSFC	SAA5-20-3-N32725-A2
377	31812	University of Texas at Austin	Outreach for Space Operations and Mission Problems	6/8/2020	6/7/2025	Non-Reimbursable	\$56,859.00	GSFC	31811
378	31811	University of Texas at Austin	Outreach for Space Operations and Mission Problems	6/8/2020	6/7/2025	Non-Reimbursable	\$0.00	GSFC	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
379	31605	Earth Networks, Inc.	INFORMATION AND DATA EXCHANGE RELATED TO THE GLOBE PROGRAM	4/29/2020	4/29/2025	Non-Reimbursable	\$17,600.00	GSFC	SAA5-20-2-N31605
380	31191	PERATON INC.	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
381	25689	National Football League Players Association	COLLABORATION TO COMMERCIALIZE NASA TECHNOLOGIES	5/15/2018	5/13/2025	Non-Reimbursable	\$274,400.00	GSFC	SAA5-2017-3-N25689
382	41107	EVERGREEN EXHIBITIONS	ABOVE AND BEYOND TOURING EXHIBIT	12/11/2024	12/11/2029	Non-Reimbursable	\$10,839.00	HQ	41107
383	40773	GoAERO	to support Advanced Air Mobility (AAM) innovation in systems that serve the public good	9/3/2024	9/3/2029	Non-Reimbursable	\$65,880.00	HQ	40773
384	40014	Real World Design Challenge	Increasing the STEM Workforce	6/18/2024	6/18/2029	Non-Reimbursable	\$17,540.00	HQ	40014

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
385	40013	Academy of Model Aeronautics	DEVELOPMENT OF NEW AERONAUTICS RESOURCES FOR STUDENTS AND TEACHERS	7/19/2024	7/19/2029	Non-Reimbursable	\$23,400.00	HQ	40013
386	3/404	North Central Texas Council of Governments	annex to Advanced Air Mobility Technology Research and Demonstration Activities	12/14/2022	12/14/2025	Non-Reimbursable	\$45,000.00	HQ	34701
387	37403	Massachusetts Department of Transportation	annex to Advanced Air Mobility Technology Research and Demonstration Activities	12/14/2022	12/14/2025	Non-Reimbursable	\$45,000.00	HQ	34708
388	37402	City of Orlando	annex to Advanced Air Mobility Technology Research and Demonstration Activities	12/14/2022	12/14/2025	Non-Reimbursable	\$45,000.00	HQ	34710
389	36946	Ohio Department of Transportation	Annex to Advanced Air Mobility Technology Research and Demonstration Activities	12/14/2022	12/14/2025	Non-Reimbursable	\$45,000.00	HQ	34682
390	34711	City of Orlando	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000.00	HQ	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	ER TRACKING NUMBER (IF ANY)
391	34710	City of Orlando	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0.00	HQ	
392		Massachusetts Department of Transportation	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000.00	HQ	
393	34708	Massachusetts Department of Transportation	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0.00	HQ	
394	34706	Minnesota Department of Transportation	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000.00	HQ	
395	34705	Minnesota Department of Transportation	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0.00	HQ	
396	34704	North Central Texas Council of Governments	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000.00	HQ	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER CENTER TRACKING NUME (IF ANY)	3ER
397	34/01	North Central Texas Council of Governments	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0.00	HQ	
398	34686	Ohio Department of Transportation	annex to Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$250,000.00	HQ 34682	
399	34682	Ohio Department of Transportation	Advanced Air Mobility Technology Research and Demonstration Activities	5/7/2021	5/7/2026	Non-Reimbursable	\$0.00	HQ	
400		National Association for the Advancement of Colored People	Engaging Students in STEM Content and Careers through the ACT-SO Program	9/19/2024	9/19/2029	Non-Reimbursable	\$43,750.00	HQ	
401	/1636	National Association for the Advancement of Colored People	Non-Reimbursable SAA between NASA and NAACP FOR INCREASING ENGAGEMENT AND EQUITY EFFORTS TO IMPROVE ACCESS AND REDUCE BARRIERS TO AGENCY ACTIVITIES AND OPPORTUNITES	9/19/2024	9/19/2029	Non-Reimbursable	\$0.00	HQ	
402	40731	Space Foundation	Space Workforce for Tomorrow Initiative	10/21/2024	10/21/2029	Non-Reimbursable	\$18,750.00	HQ	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
403	40730	Space Foundation	TO SUPPORT PUBLIC AND STEM ENGAGEMENT IN SPACE CONTENT AND CAREERS	10/21/2024	10/21/2029	Non-Reimbursable	\$0.00	HQ	
404	40724	Arizona State University	annex to Nonreimbursable SAA with MILO SPACE SCIENCE INSTITUTE, LLC For STEM WORKFORCE DEVELOPMENT WITH UNDERGRADUATE AND GRADUATE STUDENTS	5/30/2024	5/30/2028	Non-Reimbursable	\$16,250.00	HQ	SAA-AD-23-38169
405	40724	Arizona State University	annex to Nonreimbursable SAA with MILO SPACE SCIENCE INSTITUTE, LLC For STEM WORKFORCE DEVELOPMENT WITH UNDERGRADUATE AND GRADUATE STUDENTS	5/30/2024	5/30/2028	Non-Reimbursable	\$16,250.00	HQ	SAA-AD-23-38169
406	40494	MICROSOFT CORPORATION	annex for THE DEVELOPMENT OF INTERACTIVE AEROSPACE AND SCIENCE THEMED STUDENT AND PUBLIC ENGAGEMENT CONTENT	3/22/2024	3/22/2027	Non-Reimbursable	\$7,500.00	HQ	
407	37861	MICROSOFT CORPORATION	Annex 1 for Engaging Students in STEM using Minecraft	2/22/2023	2/21/2028	Non-Reimbursable	\$118,750.00	HQ	
408	37860	MICROSOFT CORPORATION	For Promoting STEM Education and STEM Engagement	2/24/2023	2/23/2028	Non-Reimbursable	\$0.00	HQ	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
409	37809	Aerospace Industries Association	Annex 1 For Engaging Elementary and Middle School Students in Rocketry	3/15/2023	2/1/2025	Non-Reimbursable	\$30,750.00	HQ	37809
410	37808	Aerospace Industries Association	For Increasing Access to Aerospace and Rocketry STEM Engagement Activities	3/15/2023	2/1/2027	Non-Reimbursable	\$0.00	HQ	
411		Zozude LLC dba Institute of Competition Sciences	For Increasing Access to STEM Challenges	1/4/2023	1/4/2026	Non-Reimbursable	\$14,625.00	HQ	
412	37295	Code.org	For Increasing Access to Computer Science Resources for K-12 Teachers and Students	10/5/2022	10/5/2027	Non-Reimbursable	\$42,500.00	HQ	37295
413	37032	Pear Deck	For Increasing Access to STEM Digital Resources for K-12 Teachers	11/2/2022	11/2/2027	Non-Reimbursable	\$24,375.00	HQ	
414		American Institute of Aeronautics and Astronautics (AIAA) Foundation	Annex 2 to NRSS Between NASA and AIAA Foundation for Increasing Access to Aerospace Education Resources	4/19/2022	4/19/2025	Non-Reimbursable	\$455,250.00	HQ	35587

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER CEN	TER TRACKING NUMBER (IF ANY)
415	36023	Crayola	Annex 1 Under Umbrella SAA between NASA and Crayola Education	4/28/2022	4/28/2027	Non-Reimbursable	\$87,572.60	HQ	
416	36022	Crayola	For STEAM Education and Engagement	4/28/2022	4/28/2027	Non-Reimbursable	\$0.00	HQ	
417		American Institute of Aeronautics and Astronautics (AIAA) Foundation	Nonreimbursable Space Act Agreement Between NASA and AIAA Foundation for Increasing Access to Aerospace Education Resources	1/12/2022	1/12/2027	Non-Reimbursable	\$0.00	HQ	
418	35270	The Center of Science and Industry	Nonreimbursable Space Act Agreement Between NASA and COSI for Delivering STEM Engagement to Underserved Youth Across the Nation	10/25/2021	10/25/2026	Non-Reimbursable	\$17,187.00	HQ	
419	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	\$54,375.00	HQ	
420	33159		Umbrella Space Act Agreement for Increasing Access to STEM Engagement and STEM Education Opportunities and Experiences	12/15/2020	12/15/2025	Non-Reimbursable	\$0.00	HQ	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
421	33145	Discovery Education, Inc.	Non-Reimbursable Space Act Agreement for K-12 STEM Engagement and Education	11/10/2020	11/10/2025	Non-Reimbursable	\$75,625.00	HQ	33145
422	32857	STEM Next Opportunity Fund	Annex 1 Under Umbrella Space Act Agreement for the STEM Next Million Girls Moonshot Initiative	8/27/2020	8/27/2025	Non-Reimbursable	\$247,750.00	HQ	32856
423	32856	STEM Next Opportunity Fund	Umbrella Space Act Agreement for Increasing Access to STEM Engagement and STEM Education Opportunities and Experiences	8/27/2020	8/27/2025	Non-Reimbursable	\$0.00	HQ	32856
424	40458	Google, Inc	Google Education and Public Engagement Collaboration	7/16/2024	6/26/2029	Non-Reimbursable	\$54,528.00	HQ	
425	40457	Google, Inc	Google Education and Public Engagement Collaboration	7/16/2024	7/15/2029	Non-Reimbursable	\$0.00	HQ	
426	38788	Peanuts Worldwide, LLC	Engagement Collaboration Annex One	7/27/2023	7/27/2028	Non-Reimbursable	\$113,421.00	HQ	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
427	38787	Peanuts Worldwide, LLC	Peanuts Worldwide Engagement Collaboration	7/27/2023	7/27/2028	Non-Reimbursable	\$0.00	HQ	
428	37443	Apple Inc.	Participation in Apple Film Project	1/23/2023	1/23/2026	Reimbursable		HQ	
429	27229		Continued Outreach Collaboration on Third Rock Radio	1/30/2020	1/29/2025	Non-Reimbursable	\$6,473.00	HQ	27229
430	41749	Hispanic Heritage Foundation	Annex 1 between NASA and Hispanic Heritage Foundation	9/30/2024	9/30/2029	Non-Reimbursable	\$43,750.00	HQ	
431	41748	Hispanic Heritage Foundation	Non-Reimbursable SAA between NASA and the Hispanic Heritage Foundation for increasing engagement and equity efforts to improve access and reduce barriers to agency activities and opportunities	9/30/2024	9/30/2029	Non-Reimbursable	\$0.00	HQ	
432	41500		COLLABORATIONS IN EARTH SCIENCE FOR GLOBAL BENEFITS	11/14/2024	11/13/2029	Non-Reimbursable	\$1,625,000.00	HQ	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
433	40660	Jack and Jill of America	Cooperation in Outreach and Engagement	9/4/2024	9/3/2029	Non-Reimbursable	\$50,000.00	HQ	
434	39555	American Camp Association	Cooperation in Participatory Science	10/25/2023	10/25/2028	Non-Reimbursable	\$350,000.00	HQ	
435	39549	Rocket Lab USA	Venus Mission Support	2/22/2024	2/22/2029	Non-Reimbursable	\$3,530,000.00	HQ	
436		Environmental Systems Research Institute (ESRI)	THE DISCOVERY, ACCESS, AND USE OF LARGE EARTH SCIENCE DATASETS	11/22/2022	11/22/2027	Non-Reimbursable	\$20,000.00	HQ	
437		Environmental Systems Research Institute ESRI	THE DISCOVERY, ACCESS, AND USE OF LARGE EARTH SCIENCE DATASETS	11/22/2022	11/22/2027	Non-Reimbursable	\$0.00	HQ	
438		SPACE EXPLORATION TECHNOLOGIES CORP	Flight Safety Coordination with NASA Assets	1/15/2021	1/15/2031	Non-Reimbursable	\$1,836,425.00	HQ	

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
439	32457	American Geophysical Union	Cooperation for AbSciCon 2022, 2024 and 2026	3/22/2022	3/22/2027	Non-Reimbursable	\$1,050,000.00	HQ	
440	40261	Challenger Center for Space Science Education	Collaborative Activities with the Challenger Center	9/19/2024	9/18/2029	Non-Reimbursable	\$100,965.00	HQ	
441	37260	AST&SCIENCE, LLC	Flight Safety Coordination with NASA Assets	11/10/2022	11/10/2032	Non-Reimbursable	\$1,210,580.00	HQ	
442	36810	Therapy Materials Vault	Space Communications and Navigation Speech Therapy Materials	6/24/2022	6/9/2025	Non-Reimbursable	\$5,400.00	HQ	
443	35525	National Geographic Partners, LLC	Artemis Imagery	9/23/2021	9/23/2026	Non-Reimbursable	\$2,450,000.00	HQ	35525
444	38807	Roccor, LLC	Characterization of High Aspect Ratio Booms for Large Apertures	4/27/2023	4/27/2025	Unfunded	\$1,000,000.00	HQ	

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
445	38806	Venturi Astrolab, Inc	Demonstrating Lunar Tire Technology Readiness	4/27/2023	4/27/2025	Unfunded	\$1,111,565.00	HQ	
446	38805	CANOPY AEROSPACE INC	Low-cost reusable TPS substrates as an alternative to AETB	4/27/2023	4/27/2025	Unfunded	\$687,000.00	HQ	
447	38804	THE BOEING COMPANY	Complex Curvature Retractable Pin Tool Friction Stir Welding Pathfinder	4/27/2023	4/27/2025	Unfunded	\$1,056,034.00	HQ	
448	38803	PHASE FOUR, INC	Development of an ASCENT (Advanced Spacecraft Energetic Non-Toxic) Gas Feed System for the Phase Four RF (Radio Frequency) Thruster	4/27/2023	4/27/2025	Unfunded	\$293,610.00	HQ	
449	38802	STRATOLAUNCH, LLC	Bringing Shuttle Orbiter TPS into the 21st Century	4/27/2023	4/27/2025	Unfunded	\$988,000.00	HQ	
450	38801	PSIONIC, LLC	Commercial Wind Measurement Constellation	4/27/2023	4/27/2025	Unfunded	\$506,760.00	HQ	

ROW	IO. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
451	38800	Lockheed Martin Inc	Oscillating Heat Pipe Technology for Aeroentry and Commercial Applications (OHPACA)	4/27/2023	4/27/2025	Unfunded	\$1,016,272.00	HQ	
452	38799	BLUE ORIGIN, LLC	Friction Stir Additive Manufacturing (FSAM) Enabling Cislunar/Lunar Surface Infrastructure & Capabilities	4/27/2023	4/27/2025	Unfunded	\$1,121,515.00	HQ	
453	38798	BLUE ORIGIN, LLC	Metallic Thermal Protection System (TPS)	4/27/2023	4/27/2025	Unfunded	\$977,857.00	HQ	
454	38797	MAXAR SPACE ROBOTICS LLC	Automated Robotic Assembly of the Light Bender System	4/27/2023	4/27/2025	Unfunded	\$980,000.00	HQ	
455	38796	AEROJET ROCKETDYNE, INC	Electrically Actuated Quick-Disconnect Coupling for Cislunar and Lunar Surface Cryogenic Propellant Transfer	4/27/2023	4/27/2025	Unfunded	\$623,036.00	HQ	
456	38795	AEROJET ROCKETDYNE, INC	Fully Additively-Manufactured LOX-LH2 Engine Demonstration	4/27/2023	4/27/2025	Unfunded	\$1,357,690.00	HQ	1

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
457	38792	LOCKHEED MARTIN	Friction Stir Welded Blanks for Advanced Formed Shapes	4/27/2023	4/27/2025	Unfunded	\$988,515.00	HQ	
458	38791	Lockheed Martin Corp	In-Space Manufacturing Technologies for Thermoplastic Composites	4/27/2023	4/27/2025	Unfunded	\$1,008,057.00	HQ	
459	38790	Sierra Space Corporation	Development of Low Cost High Temperature Reusable TPS	, 4/27/2023	4/27/2025	Unfunded	\$375,293.00	HQ	
460	33812	Rocket Lab USA, Inc	Proposal to the National Aeronautics and Space Administration (NASA) Space Technology Announcement of Collaborative Opportunity	11/6/2020	9/30/2025	Unfunded	\$1,725,251.00	HQ	STMD-SAA-ACO20-0009
461	33810	Phase Four, Inc	Lifetime Trend Testing of the Phase Four RF Thruster for Small Spacecraft Missions	11/6/2020	3/31/2025	Unfunded	\$424,161.00	HQ	STMD-SAA-ACO20-0056
462		SPACE EXPLORATION TECHNOLOGIES CORP	In-flight Imagery and Thermal Measurement of Starship during Orbital Reentry	11/6/2020	12/31/2025	Unfunded	\$2,955,400.00	HQ	STMD-SAA-ACO20-0025

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
463	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	7/15/2024	12/31/2025	Unfunded	\$3,516,281.00	HQ	ACO-2019-062
464	30958	Advanced 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	1/30/2026	Unfunded	\$670,696.00	HQ	ACO-2019-018
465	41272	Revolution Space	Electrospray Thruster Technology Development	9/24/2024	9/24/2026	Reimbursable		JPL	
466	40948	Stellar Wave Technologies Inc	A 240 GHz micro-Doppler sensing short range transceiver	11/20/2024	2/20/2026	Reimbursable		JPL	
467	40644	Venturi Astrolab Inc.	ROAMS support for Astrolab FLEX rover	8/21/2024	8/21/2029	Reimbursable		JPL	
468	40248	Swift Navigation, Inc.	GNSS Orbit Determination Technology Transfer To Swift Navigation	8/24/2024	8/24/2028	Reimbursable		JPL	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
469	39484	GeoOptics, Inc.	JPL Support for GeoOptics for Advanced Gravity Mapping, GNSS Crosslink Occultations, Reflections, and Positioning	3/20/2024	3/20/2027	Reimbursable		JPL	
470		NORTHROP GRUMMAN CORPORATION	YTHP Integration and Support for Upper Tropospheric Measurements	2/6/2024	2/6/2027	Reimbursable		JPL	
471	39007	Space Exploration Technologies Corp.	SpaceX Mission Radiation Effects Testing and Analysis	12/21/2023	12/21/2026	Reimbursable		JPL	
472	38743	Astrobotic Technology Inc	IND Network Services in Support of Astrobotic Griffin Mission One (GM1)	8/24/2023	6/24/2025	Reimbursable		JPL	
473		CAL POLY POMONA FOUNDATION, INC	Cross-Sector Partnerships, Experiential Learning, and Professional Development to Build Pathways to STEM Careers	10/17/2023	2/17/2026	Reimbursable		JPL	
474		Texas A&M Engineering Experiment Station	Tractable Autonomy Models for Planning Under Uncertainty	9/26/2023	9/26/2025	Reimbursable		JPL	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
475		REGENTS OF THE UNIVERSITY OF MICHIGAN	Quantum-Enhanced Inertial Measurement Unit (QEIMU)	3/18/2024	9/30/2025	Reimbursable		JPL	37559
476	37446	L3Harris Technologies, Inc.	Advancing Positioning, Navigation, and Timing Technologies	3/8/2023	3/8/2026	Reimbursable		JPL	
477	37268	CARNEGIE MELLON UNIVERSITY	Facilitating Dynamic Adaptive Pathways for Coastal Decision-makers Through Land Ice and Water Projections	10/11/2023	10/11/2026	Reimbursable		JPL	
478	36861	The Regents of the University of California on behalf of the University of California, Los Angeles	Sea Level Studies for the Gulf of Mexico	3/18/2024	1/18/2027	Reimbursable		JPL	
479	36647	Exoterra Resource, LLC	Development and Qualification of ExoTerra's Halo12 Hall Thruster System	7/19/2022	1/19/2026	Reimbursable		JPL	
480	36173	Raytheon Company	Generation Global Positioning System (GPS) Control Segment (OCX) Transition to Operations and Sustaining Support	2/17/2022	8/31/2026	Reimbursable		JPL	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
481		TELECOMMUNICATION SYSTEMS, INC	Assistance Global Navigation Satellite System (GNSS) Data to TeleCommunication Systems, Inc. (TCS)	2/16/2022	4/27/2025	Reimbursable		JPL	
482	35792	Attollo Engineering, LLC	High-performance long-wavelength infrared detector	3/7/2022	12/7/2025	Reimbursable		JPL	
483	35420	Planet Labs PBC	Carbon Plume Mapper (CPM) Technology Transfer	7/29/2022	10/31/2025	Reimbursable		JPL	
484	35338	Carbon Mapper, Inc.	Carbon Plume Mapper Risk Reduction Airborne Campaign	1/13/2022	4/13/2025	Reimbursable		JPL	
485	34786	MOOG, INC	JPL Integrated GPS Occultation Receiver (IGOR) Software Support for Moog BroadReach (MBR)	10/21/2021	10/21/2029	Reimbursable		JPL	
486	34396	AEROJET ROCKETDYNE, INC	A Digitally Informed Approach To Enhanced Heat Recovery Through Additive Manufacturing Of "Adaptive Thermoelectric Modules" For Energy Conversion Platforms	7/21/2021	5/31/2025	Reimbursable		JPL	34396

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
487	34171	Carbon Mapper	Carbon Plume Mapper (CPM)	3/19/2021	10/31/2025	Reimbursable		JPL	
488		GENERAL DYNAMICS MISSION SYSTEMS, INC.	Intelligent Ultrasonic Drilling Tool (IntUDiT)	11/10/2022	9/29/2025	Reimbursable		JPL	
489		BATTELLE MEMORIAL INSTITUTE, INC	National Ecological Observatory Network (NEON) NEON Imaging Spectrometer (NIS)SENSOR SUPPORT	6/23/2021	6/23/2027	Reimbursable		JPL	
490	34008	Northeastern University	Development of Transmitters and Receivers for THz Communications	11/17/2021	3/17/2025	Reimbursable		JPL	
491	33889	Raytheon Company	Next Generation GPS Control Segment (OCX) Block 3F Support	8/18/2021	3/18/2025	Reimbursable		JPL	
492	33258	Citrus College	Pathways in STEM: Cross-Sector Partnerships, Experiential Learning, and Professional Development	12/15/2020	4/27/2027	Reimbursable		JPL	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
493	29920	Photon Spot, Inc.	Superconducting Nanowire Single Photon Detector Technology Development	3/27/2019	9/3/2029	Reimbursable		JPL	
494	29799	HARRIS CORP	Navigation Technology Satellite-3 Geosynchronous Earth Orbit Experiment	4/10/2019	2/28/2025	Reimbursable		JPL	
495	17413	Alacron, Inc.	Superlattice Doped Imaging Detectors	8/28/2014	9/27/2026	Reimbursable		JPL	
496	11998	The Boeing Company	Ionizing Radiation Evaluation of Materials and Semiconductor Devices	5/16/2012	4/1/2025	Reimbursable		JPL	
497	41932	National Technology and Engineering Solutions of Sandia, LLC	Algorithm Integration and Testing	11/17/2024	11/17/2027	Non-Reimbursable	\$148,781.90	JSC	SAA-EA-25-41931-01
498	41931	National Technology and Engineering Solutions of Sandia, LLC	Engineering and Technology Advancement	11/17/2024	11/17/2029	Non-Reimbursable	\$0.00	JSC	SAA-EA-25-41931

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
499	41422	Vertex Aerospace, LLC	Annex 5 Authorizes Clean Room, Animation, Manufacturing, and Other General Commercialization Activities	9/24/2024	9/30/2026	Reimbursable		JSC	SAA-CA-24-38651-05
500	41421	Vertex Aerospace, LLC	Annex 4 Authorizing Support for Department of Defense Diving and Other Commercialization Activities	9/24/2024	9/30/2026	Reimbursable		JSC	SAA-CA-24-38651-04
501	41418	Vertex Aerospace, LLC	Annex 3 Authorizing Remotely Operated Vehicles (ROVs) and Autonomous Underwater Vehicles (AUVs)	9/24/2024	9/30/2026	Reimbursable		JSC	SAA-CA-24-38651-03
502	41417	Vertex Aerospace, LLC	Annex 2 Authorizing Non-Destructive Testing	9/24/2024	9/30/2026	Reimbursable		JSC	SAA-CA-24-38651-02
503	41362	Forty-One G Services	IMAGERY FOR SALLY RIDE DOCUMENTARY	10/28/2024	10/28/2025	Reimbursable		JSC	SAA-AA2-24-41362
504	41319	Advanced Textiles Association	ANNEX NO. 02 BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND ADVANCED TEXTILES ASSOCIATION UNDER SPACE ACT UMBRELLA AGREEMENT	9/16/2024	9/16/2025	Non-Reimbursable	\$33,447.74	JSC	SAA-EA-23-39032

ROW NO	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
505	41284	SpaceWorks Enterprises Inc.	Annex-01 under Engineering Analysis for Guidance, Navigation and Control Methods Reimbursable Umbrella	11/7/2024	11/7/2027	Reimbursable		JSC	SAA-EA-25-41283-01
506	41283	SpaceWorks Enterprises Inc.	Engineering Analysis for Guidance, Navigation and Control Methods	11/7/2024	11/7/2029	Reimbursable		JSC	SAA-EA-25-41283
507	41227	Soyuz Travel Document	Soyuz Launch Orders Evan Pettit	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41227
508	41226	Soyuz Travel Document	Soyuz Launch Orders Catherine Jablonsky	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41226
509	41225	Soyuz Travel Document	Soyuz Launch Orders Richard Miner	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41225
510	41224	Soyuz Travel Document	Soyuz Launch Orders Kevin Mellett	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41224

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
511	41223	Soyuz Travel Document	Soyuz Launch Orders Gayle Goschie	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41223
512	41222	Soyuz Travel Document	Soyuz Launch Orders John Shoffner	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41222
513	41221	Soyuz Travel Document	Soyuz Launch Orders John (Jack) Davis	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41221
514	41220	Soyuz Travel Document	Soyuz Launch Orders Scott Hamilton	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41220
515	41219	Soyuz Travel Document	Soyuz Launch Orders George Mark Pomeroy	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41219
516	41217	Soyuz Travel Document	Soyuz Launch Orders Cristina Pearse	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41217

ROW NO	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
517	41213	Soyuz Travel Document	Soyuz Launch Orders Stephen Pearse	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41213
518	41211	Soyuz Travel Document	Soyuz Launch Orders Robert Pearse	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41211
519	41210	Soyuz Travel Document	Soyuz Launch Orders Garrett Pettit	8/22/2024	2/22/2025	Reimbursable		JSC	SAA-AA2-24-41210
520	41122	UNIVERSITY OF HOUSTON	Annex to Non-Reimbursable Space Act Umbrella Agreement for Curriculum and Student Development	10/24/2024	1/13/2027	Non-Reimbursable	\$25,741.00	JSC	SAA-AD-22-34173-06
521	41070	VAST SPACE, LLC	FOD Consultation and Support Services	9/9/2024	8/31/2029	Reimbursable		JSC	SAA-24-CA-40538-01
522	40922	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	ANNEX TWO FOR FAILURE ANALYSIS TESTING IN THE RECEIVING INSPECTION	10/10/2024	10/10/2029	Reimbursable		JSC	SAA-NA-24-40920-02

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
523	40921	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	ANNEX ONE FOR WORKMANSHIP TRAINING CLASSES IN THE RECEIVING INSPECTION & TEST FACILITY (RITF)	10/10/2024	10/10/2029	Reimbursable		JSC	SAA-NA-24-40920-01
524	40920	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	WORKMANSHIP TRAINING CLASSES IN RECEIVING INSPECTION & TEST FACILITY (RITF)	10/10/2024	10/10/2029	Reimbursable		JSC	SAA-NA-24-40920
525	40889	AXIOM SPACE, LLC	METEOROID AND ORBITAL DEBRIS RISK ASSESSMENTS FOR AXIOM STATION	9/16/2024	4/6/2027	Reimbursable		JSC	SAA-RA-22-36162
526	40748	SPACE EXPLORATION TECHNOLOGIES CORPORATION	Annex to the Reimbursable Umbrella SAA Between SpaceX and NASA for Commercial Space System Operations and Development Activities	7/30/2024	7/14/2026	Reimbursable		JSC	SAA-UA-21-34284-08
527	40696	BAE Systems, Inc.	ADVANCED MMOD BLANKET DESIGNS	9/12/2024	9/12/2029	Reimbursable		JSC	SAA-XI-24-40696
528	40666	KBR WYLE SERVICES, LLC	NASA JSC/KBR Vendor Partner Agreement	9/8/2024	9/8/2029	Reimbursable		JSC	SAA-CA-24-40666

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
529	40565	Amazon.com Services LLC	FOR PROJECT KUIPER MMOD RISK ASSESSMENT	Г 9/10/2024	9/10/2029	Reimbursable		JSC	SAA-XI-24-40565
530	40538	VAST SPACE, LLC	Services and Capabilities in support of Commercial Space Systems Operations and Development	8/31/2024	8/31/2029	Reimbursable		JSC	SAA-24-CA-40538
531	40523	Nike Incorporated	xEMU Comfort Enhancement	11/23/2024	11/23/2025	Non-Reimbursable	\$18,532.50	JSC	SAA-EA-25-40523
532	40467	AXIOM SPACE, INC.	Trajectory and Guidance, Navigation and Control Design and Development Support	4/21/2024	4/21/2026	Reimbursable		JSC	SAA-RA-22-36162-10
533	40393	DELOITTE & TOUCHE LLP	Annex for AI/ML Test Data	6/5/2024	6/5/2025	Non-Reimbursable	\$9,397.00	JSC	SAA-EA-24-40392-01
534	40392	DELOITTE & TOUCHE LLP	For the development of Artificial Intelligence Techniques for Aerospace Applications	6/5/2024	6/5/2027	Non-Reimbursable	\$0.00	JSC	SAA-EA-24-40392

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
535	40374	Sam Houston Area Council Boy Scouts of America	³ Youth and Educator Experiences	6/26/2024	6/26/2029	Non-Reimbursable	\$14,510.20	JSC	SAA-AD-40374-01
536	40373	Sam Houston Area Council Boy Scouts of America	s Collaborative Education, Outreach, and Research Activities	6/12/2024	6/12/2029	Non-Reimbursable	\$0.00	JSC	SAA-AD-40373
537	40372	Gravitics, Inc.	Providing SMEs to Support a Review of Partner Data and Technical Interchange Meeting	4/21/2024	4/21/2025	Reimbursable		JSC	SAA-EA-24-40371-1
538	40371	Gravitics, Inc.	To Provide Services, Understanding, Analysis, Testing and Certification.	' 4/21/2024	4/21/2029	Reimbursable		JSC	SAA-EA-24-40371
539	1/11/3/18	THE TEXAS A&M UNIVERSITY SYSTEM	Annex for Surface Integration Test Facility Research	2/21/2024	2/21/2025	Non-Reimbursable	\$8,000.00	JSC	SAA-AD-21-35521-04
540	40271	SPACE FAMILY EDUCATION, INC	AARON COHEN CHILDCARE CENTER	9/25/2024	9/25/2029	Non-Reimbursable	\$2,143,984.53	JSC	SAA-AA2-24-40271

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
541	40263	INTUITIVE MACHINES, LLC	Technical Expertise for Entry, Descent, and Landing Systems	3/3/2024	5/26/2026	Reimbursable		JSC	SAA-XA-21-34137-06
542	40242	BLUE ORIGIN, LLC	Annex for AFRSI Test Blankets	4/2/2024	2/8/2025	Reimbursable		JSC	SAA-EA-20-29343-48
543	40238	UNIVERSITY OF HOUSTON	Annex to Non-Reimbursable Space Act Umbrella Agreement for Collaborative Initiatives in Research, Technology Development, Technology Transfer Training, Education and Outreach	4/16/2024	1/13/2027	Non-Reimbursable	\$76,965.73	JSC	SAA-AD-22-34173-04
544	40231	SPACE EXPLORATION TECHNOLOGIES CORP	Annex-03 for Novel and Broad Research Collaborations with SpaceX	7/15/2024	3/22/2028	Non-Reimbursable	\$1,785,251.22	JSC	SAA-SA-23-37898-03
545		SPACE EXPLORATION TECHNOLOGIES CORP	Annex-02 for Technical Interchanges between NASA and SpaceX	5/20/2024	3/22/2028	Non-Reimbursable	\$394,300.00	JSC	SAA-SA-23-37898
546		HOUSTON LIVESTOCK SHOW AND RODEO, INC	Texas High School Aerospace Scholars	8/19/2024	8/19/2025	Reimbursable		JSC	SAA-AD-24-40178

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
547	40148	Archer Aviation Inc.	Cylindrical Lithium-ion Cell Design Assessment and Testing to Prevent Enclosure Failures	1/19/2024	1/19/2026	Non-Reimbursable	\$455,091.00	JSC	SAA-EA-24-40147-01
548	40147	Archer Aviation Inc.	Collaboration and Technology Development	1/19/2024	1/19/2029	Non-Reimbursable	\$0.00	JSC	SAA-EA-24-40147
549	40110	UL Research Institutes	Lithium-ion Battery Aging Effects	8/20/2024	2/20/2027	Reimbursable		JSC	SAA-EA-24-40109-01
550	40109	Underwriters Laboratories Inc. d/b/a UL Research Institutes	Engineering Analysis and Testing for Advanced Technology Development	8/20/2024	8/20/2029	Reimbursable		JSC	SAA-EA-24-40109
551	40095	Electric Power Systems	Screened Lithium-ion Cells	7/19/2024	7/19/2025	Reimbursable		JSC	SAA-EA-22-36822-02
552	40020	JP Morgan Chase	EDUCATION PROJECT'S INNOVATION AND TECH TRANSFER IDEA COMPETITION	8/22/2024	8/22/2025	Non-Reimbursable	\$1,000.00	JSC	LOI-AD-24-40020

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
553	39843	WILLIAM MARSH RICE UNIVERSITY	Annex to Annual Space Studies Program	4/30/2024	4/30/2027	Non-Reimbursable	\$184,315.69	JSC	SAA-AD-22-36462-05
554	39791	Corvid Technologies	Annex to Exchange of Technical Expertise for Commercial Space Transportation	1/8/2024	11/22/2027	Reimbursable		JSC	SAA-EA-22-37718-02
555	39775	Texas Woman's University	COLLABORATIVE RESEARCH AND STEM ENGAGEMENT ACTIVITIES	12/7/2023	12/7/2028	Non-Reimbursable	\$39,547.22	JSC	SAA-SA-24-39774-01
556	39774	Texas Woman's University	Collaborative Research and STEM Engagement Activities	12/7/2023	12/7/2028	Non-Reimbursable	\$0.00	JSC	SAA-SA-24-39774
557	39520	TEXAS A&M UNIVERSITY SYSTEM	Optical Navigation Collaboration with Prairie View A&M University	4/28/2024	5/3/2025	Non-Reimbursable	\$49,507.97	JSC	SAA-AD-21-35521-03
558	39512	TEXAS A&M UNIVERSITY SYSTEM	Annex to Collaborative Activities for Microgravity Manufacturing Concepts	1/18/2024	1/18/2025	Non-Reimbursable	\$25,408.40	JSC	SAA-AD-21-35521-02

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
559	39486	KBR WYLE SERVICES, LLC	Annex Six to the Human Health and Performance Facilities Utilization Umbrella Space Act Agreement	12/18/2023	10/31/2025	Reimbursable		JSC	SAA-SA-21-34167-06
560	39356	Villanova University	Rail System for Active Camera Constellation	6/10/2024	6/10/2025	Non-Reimbursable	\$4,643.00	JSC	SAA-EA-24-39355-01
561	39355	Villanova University	Collaborative Research, Technology Transfer, and Education Activities	6/10/2024	6/10/2029	Non-Reimbursable	\$0.00	JSC	SAA-EA-24-39355
562	39352	New Mexico State University	Annex with New Mexico State University for Envoy program Under Umbrella Agreement	11/30/2023	11/16/2028	Non-Reimbursable	\$76,126.00	JSC	SAA-AD-23-39352-01
563	39351	New Mexico State University	NASA JSC and New Mexico State University for Collaboration in Research, Technology Development and STEM activities	11/16/2023	11/16/2028	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-39351
564	39207	BLUE ORIGIN, LLC	Annex to Conduct Thermal Vacuum Test	9/29/2023	12/31/2025	Reimbursable		JSC	SAA-EA-20-29343-43

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
565		SOUTHWEST RESEARCH INSTITUTE	Fracture Analysis Capabilities for the NASGRO software program	11/21/2023	11/21/2028	Non-Reimbursable	\$253,084.00	JSC	SAA-EA-23-39188
566	39181	AXIOM SPACE, LLC	ESTA Testing	9/29/2023	9/29/2026	Reimbursable		JSC	SAA-RA-22-36162-09
567	39178	NATIONAL TECHNOLOGY AND ENGINEERING SOLUTIONS OF SANDIA, LLC	Vacuum Chamber Testing	5/22/2024	5/22/2028	Reimbursable		JSC	SAA-EA-23-39178
568	39032	Advanced Textiles Association	NASA PARTICIPATION IN ATA EXPOSITIONS	10/19/2023	10/19/2028	Non-Reimbursable	\$0.00	JSC	SAA-EA-23-39032
569	38921	Vast Space LLC	COLLABORATIONS FOR COMMERCIAL SPACE CAPABILITIES 2	6/13/2023	6/13/2028	Unfunded	\$2,701,693.00	JSC	
570	38920	THINKORBITAL, INC.	COLLABORATIONS FOR COMMERCIAL SPACE CAPABILITIES 2	6/13/2023	6/13/2028	Unfunded	\$2,690,228.00	JSC	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
571	38919	SPECIAL AEROSPACE SERVICES	COLLABORATIONS FOR COMMERCIAL SPACE CAPABILITIES 2	6/13/2023	6/13/2028	Unfunded	\$1,929,191.00	JSC	
572		SPACE EXPLORATION TECHNOLOGIES CORP	COLLABORATIONS FOR COMMERCIAL SPACE CAPABILITIES 2	6/13/2023	6/13/2028	Unfunded	\$7,401,016.00	JSC	
573	38917	Sierra Space Corporation	COLLABORATIONS FOR COMMERCIAL SPACE CAPABILITIES 2	6/13/2023	6/13/2028	Unfunded	\$6,828,594.00	JSC	
574	38916	Northrop Grumman Systems Corporation	COLLABORATIONS FOR COMMERCIAL SPACE CAPABILITIES 2	6/13/2023	6/13/2028	Unfunded	\$2,872,733.00	JSC	
575	38915	BLUE ORIGIN, LLC	COLLABORATIONS FOR COMMERCIAL SPACE CAPABILITIES 2	6/13/2023	6/13/2028	Unfunded	\$5,456,173.00	JSC	
576	38882	Paragon Space Development Corporation	Urine Pretreat: PUP System Evaluation	9/8/2023	3/8/2025	Non-Reimbursable	\$95,177.00	JSC	SAA-EA-23-37725-02

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
577	38869	Northrop Grumman	Data-Centric Digital Engineering	5/10/2024	5/10/2029	Non-Reimbursable	\$939,646.00	JSC	
578	38868	Northrop Grumman	Integrated Digital Engineering and Data Interoperability	/ 5/10/2024	5/10/2029	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-38868
579	38778	BP Corporation North America Inc.	Capability-Based Initiative Testing	7/30/2024	7/30/2026	Non-Reimbursable	\$283,059.00	JSC	SAA-EA-23-38777-01
580	38777	BP Corporation North America Inc.	Digital Engineering, Simulation, and Visualization Technology Collaboration	7/26/2024	7/26/2029	Non-Reimbursable	\$0.00	JSC	SAA-EA-23-38777
581	38712	OKLAHOMA STATE UNIVERSITY	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND OKLAHOMA STATE UNIVERSITY	9/15/2023	9/15/2028	Non-Reimbursable	\$76,183.63	JSC	SAA-AD-23-38711-01
582	38711	OKLAHOMA STATE UNIVERSITY	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND OKLAHOMA STATE UNIVERSITY	9/15/2023	9/15/2028	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-38711

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
583	38652	Vertex Aerospace, LLC	Annex 1 Authorizing Safety, Survival, Emergency Response, and Leadership Training	9/24/2024	9/30/2026	Reimbursable		JSC	SAA-CA-24-38651-01
584	38651	Vertex Aerospace, LLC	Non-Government Use of NASA Facilities under the NOC II Contract, No. 80JSC024DA024	9/24/2024	9/30/2026	Reimbursable		JSC	SAA-CA-24-38651
585	38357	Multiple U.S. Partners	OSIRIS-REx Multiple Partners	7/19/2024	7/19/2029	Non-Reimbursable	\$1,000.00	JSC	SAA-AA-23-38357
586	38247	Impulse Space	annex to Reimbursable Umbrella Space Act Agreement between NASA Ames Research Center and Impulse Space for Support of Re-Entry Capsule	1/24/2024	1/15/2027	Reimbursable		JSC	SAA-XI-23-37684-02
587	38220	Clemson University	ANNEX BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND CLEMSON UNIVERSITY UNDER SPACE ACT UMBRELLA AGREEMENT	4/21/2024	4/18/2029	Non-Reimbursable	\$66,351.74	JSC	SAA-AD-23-38219-01
588	38219	Clemson University	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND CLEMSON UNIVERSITY FOR HUMAN SPACE EXPLORATION, SCIENCE AND ENGINEERING RESEARCH, STEM ENGAGEMENT AND OUTREACH INITATIVES	4/18/2024	4/18/2029	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-38219

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
589	38.006	SPACE EXPLORATION TECHNOLOGIES CORP	Pharmaceutical vacuum stability	3/9/2023	3/9/2025	Non-Reimbursable	\$7,309.00	JSC	
590	38170	Arizona State University	ANNEX BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND ARIZONA STATE UNIVERSITY UNDER SPACE ACT UMBRELLA AGREEMENT		7/14/2028	Non-Reimbursable	\$76,126.00	JSC	SAA-AD-23-38169-01
591	38169	Arizona State University	Nonreimbursable SAA with The Arizona Board Of Regents For And On Behalf Of Arizona State University For Human Space Exploration, Science And Engineering Research, Stem Engagement And Outreach Initiatives.	7/14/2023	7/14/2028	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-38169
592	30110	Manned Space Flight Education Foundation, Inc	Water Services and Development	12/20/2024	12/20/2026	Reimbursable		JSC	SAA-AA-23-38118
593	38016	GEORGIA INSTIUTE OF TECHNOLOGY	ANNEX BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND GEORGIA INSTITUTE OF TECHNOLOGY UNDER SPACE ACT UMBRELLA AGREEMENT		3/5/2028	Non-Reimbursable	\$67,211.00	JSC	SAA-AD-24-38016-01
594	28015	GEORGIA INSTIUTE OF TECHNOLOGY	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND GEORGIA INSTITUTE OF TECHNOLOGY	3/5/2024	3/5/2028	Non-Reimbursable	\$0.00	JSC	SAA-AD-24-38015

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
595	38010	Thomas Jefferson University	Collaborative Research and Educational Activities with Thomas Jefferson University	2/13/2023	2/12/2028	Non-Reimbursable	\$37,012.05	JSC	SAA-SA-23-38010
596	37999	Mojave Energy Systems	Liquid Desiccant Air Conditioning Project	7/13/2023	7/13/2025	Non-Reimbursable	\$45,309.00	JSC	37999
597	37949	University of Colorado Boulder	ANNEX BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND UNIVERSITY OF COLORADO UNDER SPACE ACT UMBRELLA AGREEMENT		7/14/2028	Non-Reimbursable	\$76,126.00	JSC	SAA-AD-23-37948-01
598	37948	University of Colorado Boulder	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND UNIVERSITY OF COLORADO FOR UMBRELLA AGREEMENT FOR COLLABORATIVE INITIATIVES IN RESEARCH, TECHNOLOGY DEVELOPMENT, TECHNOLOGY TRANSFER TRAINING,	7/14/2023	7/14/2028	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-37948
599	3/428	ARIZONA BOARD OF REGENTS - UNIVERSITY OF ARIZONA	ANNEX (01) BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND THE ARIZONA BOARD OF REGENTS, UNIVERSITY OF ARIZONA UNDER SPACE ACT UMBRELLA AGREEMENT	4/7/2023	3/13/2028	Non-Reimbursable	\$68,040.09	JSC	SAA-AD-23-37927-01
600	37927	Arizona Board of Regents	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND THE ARIZONA BOARD OF REGENTS, UNIVERSITY OF ARIZONA	3/13/2023	3/13/2028	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-37927

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
601	37800	SPACE EXPLORATION TECHNOLOGIES CORP	Medical Technology Demonstrations	3/23/2023	3/23/2027	Non-Reimbursable	\$79,574.00	JSC	SAA-SA-23-37898-01
602	37848	SPACE EXPLORATION TECHNOLOGIES CORP	Human research collaboration	3/23/2023	3/22/2028	Non-Reimbursable	\$0.00	JSC	SAA-SA-23-37898
603	37893	NEW MEXICO STATE UNIVERSITY	Next Generation Additive Manufacturing for Space Applications	9/28/2023	9/28/2026	Non-Reimbursable	\$22,086.00	JSC	SAA-EA-23-37893
604	37887	NANORACKS, LLC	REIMBURSABLE SPACE ACT AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND NANORACKS, LLC, TO COLLABORATE WITH NASA TO CONDUCT COMMERCIAL ACTIVITIES ON THE INTERNATIONAL SPACE STATION	2/15/2024	2/15/2026	Reimbursable		JSC	SAA-UA-23-37887
605	137863	NORTH EAST INDEPENDENT SCHOOL DISTRICT	NEISD School Magnet Programs - STEM and space- focused curriculum	6/1/2023	6/1/2026	Reimbursable		JSC	SAA-AD-23-37862-01
606	37862	North East Independent School Distric	North East Independent School District - Collaboration t for STEM Engagement, Education, and Community Outreach Activities		6/1/2028	Reimbursable		JSC	SAA-AD-23-37862

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
607	37845	Weill Medical College of Cornell University	Annex ONE under the Reimbursable Umbrella Agreement for Biomedical Analysis	8/17/2023	8/16/2028	Reimbursable		JSC	SAA-SA-23-37844-01
608	37844	Weill Medical College of Cornell University	Reimbursable Umbrella Agreement for Biomedical Analysis	8/17/2023	8/16/2028	Reimbursable		JSC	SAA-SA-23-37844
609	37822	VENUS AEROSPACE CORPORATION	Annex for Structural and Vibration Experimentation	4/12/2023	11/3/2025	Reimbursable		JSC	SAA-AA-22-37098-02
610	37784	PURDUE UNIVERSITY	ANNEX BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND PURDUE UNIVERSITY SYSTEM UNDER SPACE ACT UMBRELLA AGREEMENT	5/23/2023	5/15/2028	Non-Reimbursable	\$51,792.93	JSC	SAA-AD-23-37784
611	37783	PURDUE UNIVERSITY	NONREIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND PURDUE UNIVERSITY FOR COLLABORATIVE ACTIVITES.	5/15/2023	5/15/2028	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-37783
612	37769	Texas Tech University System	ANNEX 01 BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER AND THE TEXAS TECH UNIVERSITY SYSTEM UNDER SPACE ACT UMBRELLA AGREEMENT NO. 37768	9/1/2023	8/29/2028	Non-Reimbursable	\$76,127.00	JSC	SAA-AD-23-37768-01

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
613	37768	The Texas Tech University System	Umbrella Agreement with THE TEXAS TECH UNIVERSITY SYSTEM FOR COLLABORATIVE INITIATIVES IN RESEARCH, TECHNOLOGY DEVELOPMENT, TECHNOLOGY TRANSFER TRAINING, EDUCATION AND OUTREACH.	8/29/2023	8/29/2028	Non-Reimbursable	\$0.00	JSC	SAA-AD-23-37768
614	37725	Paragon Space Development Corporation	Collaboration Projects, Technology Development, and Technology Transfer	4/11/2023	4/11/2028	Non-Reimbursable	\$0.00	JSC	SAA-EA-23-37725
615	37683	HOUSTON LIVESTOCK SHOW AND RODEO, INC.	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	2/23/2023	2/23/2028	Non-Reimbursable	\$181,580.00	JSC	SAA-AD-23-37683
616	37441	CHEVAL DE FEU AEROSPACE CORPORATION, DBA LAMONT AEROSPACE	Development of Common On-orbit Research Environment (CORE)	4/10/2023	4/10/2026	Non-Reimbursable	\$66,017.00	JSC	SAA-XA-22-37441
617	37429	Washington University	SHOCK-RECOVERY EXPERIMENTS	6/28/2023	6/28/2025	Reimbursable		JSC	SAA-XI-23-37429
618	37410	The Procter & Gamble Company	Annex 2: Cleaning Clothing in Space	12/16/2022	8/18/2025	Non-Reimbursable	\$154,215.00	JSC	SAA-EA-20-31321-02

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
619	37378	KBR WYLE SERVICES, LLC	Annex FOUR to HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	9/6/2022	10/31/2025	Reimbursable		JSC	SAA-SA-21-34167-04
620	37290	SPACE EXPLORATION TECHNOLOGIES CORPORATION	NASA Certification of SpaceX Pyrotechnic Materials	1/16/2023	1/16/2028	Reimbursable		JSC	SAA-EA-23-37290
621		BAY AREA HOUSTON ECONOMIC PARTNERSHIP	Cooperative and Community Outreach Activities	10/7/2022	10/6/2027	Non-Reimbursable	\$286,193.62	JSC	SAA-AD-22-37124
622	37113	AXIOM SPACE, INC.	Sabatier Subject Matter Expertise	9/14/2022	2/28/2025	Reimbursable		JSC	SAA-RA-22-36162-03
623	37099	VENUS AEROSPACE CORPORATION	Hypersonic Aircraft and Rocket Propulsion Research and Development	12/5/2022	11/3/2025	Reimbursable		JSC	SAA-AA-22-37098-01
624	37098	VENUS AEROSPACE CORPORATION	HYPERSONIC AIRCRAFT & ROCKET PROPULSION RESEARCH, DEVELOPMENT, AND COLLABORATION	11/3/2022	11/3/2025	Reimbursable		JSC	SAA-AA-22-37098

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
625	37042	UNIVERSITY OF TEXAS AT EL PASC	D Digital Engineering Design Center	1/30/2023	1/30/2025	Non-Reimbursable	\$790,711.73	JSC	SAA-EA-23-37041-01
626	37041	UNIVERSITY OF TEXAS AT EL PASC	Collaborative Initiatives in Research, Technology Development, Technology Transfer, Education and Outreach	1/30/2023	1/30/2028	Non-Reimbursable	\$0.00	JSC	SAA-EA-23-37041
627	36940	KBR WYLE SERVICES, LLC	Annex FIVE to Human Health and Performance Facilities Utilization Reimbursable SAA	10/12/2022	10/31/2025	Reimbursable		JSC	SAA-SA-21-34167-05
628	36832	Voyager Space Holdings	Clear Dust Repelling Coating Testing	7/22/2022	7/22/2025	Non-Reimbursable	\$16,491.61	JSC	SAA-XA-22-36832
629	36822	Electric Power Systems	Safe Lithium-ion Cells	10/14/2022	10/14/2027	Reimbursable		JSC	SAA-EA-22-36822
630	36811	INTUITIVE MACHINES, LLC	Modal Propellant Gauge Avionics and Flight	8/24/2022	8/24/2025	Non-Reimbursable	\$48,445.00	JSC	SAA-EA-22-36811

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
631	36759	BLUE ORIGIN, LLC	Window Design and Development Expertise and Planning	8/1/2022	2/8/2025	Reimbursable		JSC	SAA-EA-20-29343-18
632	36724	WILLIAM MARSH RICE UNIVERSITY	Annex to further synergistic educational initiatives	7/14/2022	7/14/2027	Non-Reimbursable	\$68,656.00	JSC	1
633	36723	WILLIAM MARSH RICE UNIVERSITY	The Ion STEM Dissemination Program	7/14/2022	7/14/2027	Non-Reimbursable	\$0.00	JSC	SAA-XA-22-36723
634	36635	KBR WYLE SERVICES, LLC	Annex THREE to HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	7/7/2022	10/31/2025	Reimbursable		JSC	SAA-SA-21-34167-03
635	36612	AXIOM SPACE, INC.	Propulsion Systems Design Consulting, Analysis, and Test Support	8/4/2022	2/4/2026	Reimbursable		JSC	SAA-RA-22-36162-02
636	36519	TEXAS PARKS AND WILDLIFE DEPARTMENT	Non-Reimbursable Space Act Agreement With Texas Parks And Wildlife Department	6/28/2022	10/1/2026	Non-Reimbursable	\$8,218.00	JSC	SAA-JA-22-36519

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
637	36471	Texas Southern University	Technology Research Initiatives	7/8/2022	7/8/2027	Non-Reimbursable	\$0.00	JSC	SAA-XA-22-36471
638	36465	THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON, ON BEHALF OF ITS SCHOOL OF PUBLIC HEALTH	Annex-1 Under Nonreimbursable Umbrella SAA Between NASA JSC and the UT Health Science Center at Houston, on Behalf of its School of Public Health, for Research and Educational Activities	9/22/2022	9/21/2027	Non-Reimbursable	\$20,175.47	JSC	SAA-SA-22-36464-01
639	36464	THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER	Nonreimbursable Umbrella Space Act Agreement Between NASA JSC and the UT Health Science Center at Houston, on Behalf of its School of Public Health for Research and Education	9/22/2022	9/21/2027	Non-Reimbursable	\$0.00	JSC	SAA-SA-22-36464
640	36463	WILLIAM MARSH RICE UNIVERSITY	Annex-1 Nonreimbursable Space Act Agreement Between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and William Marsh Rice University for Collaborative Research, Education and Outreach Activities	8/22/2022	8/17/2027	Non-Reimbursable	\$49,121.95	JSC	SAA-AD-22-36462-01
641	36462	WILLIAM MARSH RICE UNIVERSITY	Nonreimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration Lyndon B. Johnson Space Center and William Marsh Rice University for Collaborative Research, Education and Outreach Activities	8/18/2022	8/17/2027	Non-Reimbursable	\$0.00	JSC	SAA-AD-22-36462
642	36/138	SPACE EXPLORATION TECHNOLOGIES CORPORATION	NON-NASA MISSIONS AND COMMERCIAL SPACE SYSTEM DEVELOPMENTS	8/25/2022	7/14/2026	Reimbursable		JSC	SAA-UA-21-34284-02

ROW N	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
643	36332	The Methodist Hospital	Nonreimbursable Space Act Agreement Between The National Aeronautics and Space Administration Lyndon B. Johnson Space Center and The Methodist Hospital for Orthopedic Sports Medicine Collaboration	7/5/2022	7/5/2027	Non-Reimbursable	\$106,330.00	JSC	SAA-SA-22-36332
644	36303	National Geographic Partners L.L.C.	Orion Artemis II National Geographic vehicle integration	3/26/2024	3/26/2026	Reimbursable		JSC	SAA-GA-23-36303
645	36217	Colgate-Palmolive Company	COLLABORATION ON HUMAN PERFORMANCE, INNOVATION & SUSTAINABILITY	5/23/2022	5/23/2027	Non-Reimbursable	\$166,285.00	JSC	SAA-OZ-22-36217
646	36178	Web Vision Centers Group, LLC	Vision diagnostics, testing techniques and devices	9/19/2022	9/18/2027	Non-Reimbursable	\$87,227.68	JSC	SAA-SA-22-36178
647	35889	TEXAS A&M ENGINEERING EXPERIMENT STATION	Robotics and Related Technologies	4/26/2023	4/26/2025	Reimbursable		JSC	SAA-EA-23-35888-01
648	35888	TEXAS A&M ENGINEERING EXPERIMENT STATION	Collaborative Technology Development, Innovation, and Research	4/24/2023	4/24/2028	Reimbursable		JSC	SAA-EA-23-35888

ROW NO). PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
649	35807	BLUE ORIGIN, LLC	Commercial Destinations - Free Flyer Phase 1 (Blue Origin)	12/1/2021	12/1/2026	Funded	\$130,000,000.00	JSC	JSC-UA-21-35807
650	35805	NANORACKS, LLC	Commercial Destinations - Free Flyer Phase 1 (Nanoracks)	12/1/2021	12/1/2026	Funded	\$160,000,000.00	JSC	JSC-UA-21-35805
651	35680	KBR WYLE SERVICES, LLC	Annex Two NASA NEUTRAL BUOYANCY LABORATORY FACILITY USAGE AGREEMENT	12/6/2021	10/31/2025	Reimbursable		JSC	SAA-SA-21-34167-02
652	35593	THE UNIVERSITY OF TEXAS M.D. ANDERSON CANCER CENTER	Portable Disease Detection Device	6/27/2024	6/27/2028	Non-Reimbursable	\$88,195.00	JSC	SAA-CA-22-35593
653	35557	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	3/25/2022	8/31/2025	Reimbursable		JSC	SAA-AD-22-35557
654	35521	TEXAS A&M UNIVERSITY SYSTEM	Collaborative Activities	5/3/2022	5/3/2027	Non-Reimbursable	\$0.00	JSC	SAA-AD-21-35521

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
655		Passaic County Technical-Vocational Schools	Programs to inspire the next generation of explorers through hands-on projects for high school students.	3/7/2022	3/6/2027	Non-Reimbursable	\$14,420.00	JSC	SAA-OA-22-35459
656	36/110	CYPRESS FAIRBANKS INDEPENDENT SCHOOL DISTRICT	Programs to inspire the next generation of explorers through hands-on projects for high school students.	11/10/2021	11/9/2026	Non-Reimbursable	\$73,892.00	JSC	SAA-OA-22-35410
657		CONROE INDEPENDENT SCHOOL DISTRICT	Programs to inspire the next generation of explorers through hands-on projects for high school students.	12/13/2021	12/12/2026	Non-Reimbursable	\$67,949.00	JSC	SAA-OA-22-35408
658		CLEAR CREEK INDEPENDENT SCHOOL DISTRICT	Programs to inspire the next generation of explorers through hands-on projects for high school students.	12/13/2021	12/12/2026	Non-Reimbursable	\$61,699.00	JSC	SA-OA-22-35401
659	35285	UNIVERSITY OF HOUSTON	FOR HANDLING OF HISTORIC SPACEFLIGHT DOCUMENTS	8/11/2022	8/11/2027	Non-Reimbursable	\$11,348.85	JSC	SAA-XA-21-35285
660	34689	Texas A&M Engineering Experiment Station	Lunar Surface Payload / Early Prototype Testing of Dust Sensor	3/24/2022	3/24/2025	Non-Reimbursable	\$307,406.00	JSC	SAA-EA-22-34689

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
661	34659	Walter Dorwin Teague Associates, Inc	Habitat Layout Trade Studies for Analog Missions and Concepts	7/21/2021	7/21/2026	Non-Reimbursable	\$5,303.00	JSC	SAA-EA-21-34659
662	3/6/1	BAY AREA EMERGENCY RESPONDERS	RECIPROCAL USE OF EMERGENCY OPERATIONS CENTERS	6/23/2022	6/23/2027	Non-Reimbursable	\$1,000.00	JSC	SAA-JA-21-34641
663	34314	Orbit Fab, Inc.	Small Satellite Proximity Operations & Refueling Technologies	6/7/2021	6/7/2025	Non-Reimbursable	\$10,311.00	JSC	SAA-EA-21-34314
664	34284	SPACE EXPLORATION TECHNOLOGIES CORPORATION	COMMERCIAL SPACE SYSTEM OPERATIONS AND DEVELOPMENTS	7/14/2021	7/14/2026	Reimbursable		JSC	SAA-UA-21-34284
665	34173	UNIVERSITY OF HOUSTON	Non-Reimbursable Space Act Umbrella Agreement for Collaborative initiatives in research, technology development, technology transfer training, education and outreach	1/14/2022	1/13/2027	Non-Reimbursable	\$0.00	JSC	SAA-AD-22-34173
666	34168	KBR WYLE SERVICES, LLC	ANNEX ONE for HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	5/26/2021	10/31/2025	Reimbursable		JSC	SAA-SA-21-34167-01

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
667	34167	KBR WYLE SERVICES, LLC	HUMAN HEALTH AND PERFORMANCE FACILITIES UTILIZATION	5/26/2021	10/31/2025	Reimbursable		JSC	SAA-SA-21-34167
668	34137	INTUITIVE MACHINES, LLC	Engineering Analysis and Testing	5/26/2021	5/26/2026	Reimbursable		JSC	SAA-XA-21-34137
669	33921	Bridgerland Technical College	Programs to inspire the next generation of explorers through hands-on projects for high school students.	10/20/2021	10/19/2026	Non-Reimbursable	\$3,139.00	JSC	SAA-OA-22-33921
670	33915	Highlands College Of Montana Tech	Programs to inspire the next generation of explorers through hands-on projects for high school students.	10/13/2021	10/12/2026	Non-Reimbursable	\$3,138.00	JSC	SAA-OA-22-33915
671	33880	COUNTY COLLEGE OF MORRIS	Programs to inspire the next generation of explorers through hands-on projects for high school students.	10/20/2021	10/19/2026	Non-Reimbursable	\$3,138.00	JSC	SAA-OA-22-33880
672	1 4 4 8 / U	TRI COUNTY REGIONAL VOCATIONAL SCHOOL DISTRICT	Programs to inspire the next generation of explorers through hands-on projects for high school students.	10/18/2021	10/18/2026	Non-Reimbursable	\$3,139.00	JSC	SAA-OA-22-33879

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
673	33878	BILLINGS PUBLIC SCHOOLS	Programs to inspire the next generation of explorers through hands-on projects for high school students.	11/8/2021	11/7/2026	Non-Reimbursable	\$3,139.00	JSC	SAA-OA-22-33878
674	33869	LINCOLN TECHNICAL INSTITUTE	LINCOLN TECHNICAL INSTITUTE STUDENTS COLLABORATING WITH NASA UNDER THE HUNCH PROGRAM	10/20/2021	10/19/2026	Non-Reimbursable	\$3,139.00	JSC	SAA-OA-20-33869
675	33848	Amateur Radio on the International Space Station - USA	Amateur Radio on the ISS	3/23/2021	3/23/2026	Reimbursable		JSC	
676	33744	Canyon Ridge High School	Programs to inspire the next generation of explorers through hands-on projects for high school students.	8/12/2021	8/11/2026	Non-Reimbursable	\$61,713.00	JSC	SAA-OA-20-33744
677	33386	Houston Cinema Arts Society	Houston Cinema Arts Society (HCAS) CineSpace	10/24/2021	10/24/2026	Non-Reimbursable	\$619,202.00	JSC	
678	32919	UNIVERSITY OF TEXAS MEDICAL BRANCH	UTMB DIETETIC STUDENT EXPERIENCE AT NASA	8/12/2020	8/12/2025	Non-Reimbursable	\$195,525.94	JSC	SAA-SA-20-32919

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
679	32778	Planet	ISS and Planet Operational Agreement	1/5/2021	1/4/2026	Non-Reimbursable	\$42,065.01	JSC	SAA-CA-21-32778
680	32760	Cheval de Feu Aerospace Corporation, dba LaMont Aerospace	FOR LOW-EARTH ORBIT COMMERCIAL SERVICES DEVELOPMENT	2/11/2021	2/10/2026	Non-Reimbursable	\$25,020.00	JSC	SAA-OZ-21-32760
681	32738	Limitless Space Institute	Advanced Power and Propulsion Partnership	4/18/2021	4/18/2026	Reimbursable		JSC	SAA-EA-21-32738
682	32690	ARMAND BAYOU NATURE CENTER	Environmental Education Programs	7/23/2020	7/23/2025	Non-Reimbursable	\$19,075.00	JSC	SAA-JA-32690
683	32418	UNIVERSITY OF TEXAS	Collaboration in Robotics Technology	4/10/2020	3/10/2025	Non-Reimbursable	\$130,206.00	JSC	SAA-EA-20-32418
684	32319	Adidas America, Inc	Annex One for Collaboration on Materials and Technologies	6/16/2020	6/16/2025	Non-Reimbursable	\$10,458.00	JSC	SAA-OA-20-32319-01

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
685	32253	TECHSHOT, INC	TECHSHOT ISS RESEARCH HARDWARE	5/29/2020	5/29/2025	Non-Reimbursable	\$24,483.00	JSC	SAA-OZ-20-32253
686	32236	Adidas America, Inc	COLLABORATION ON ADVANCED MATERIALS AND TECHNOLOGIES	6/16/2020	6/16/2025	Non-Reimbursable	\$0.00	JSC	SAA-OA-20-32236
687	32208	Baylor University	Baylor University and NASA Collaboration to Enhance Imagery from Space	1/15/2021	1/15/2026	Non-Reimbursable	\$60,708.00	JSC	
688	32079	WOUNDED WARRIOR PROJECT	HOUSTON SOLDIER RIDE	3/31/2020	3/31/2025	Non-Reimbursable	\$7,270.00	JSC	SAA-JA-20-32079
689	32042	Baylor University	SPACE IMAGERY AND OUTREACH TECHNOLOGIES, SCIENCE AND ENGINEERING RESEARCH, AND STEM INITIATIVES.	1/15/2021	1/15/2026	Non-Reimbursable	\$0.00	JSC	SAA-OA-20-32042
690		JOHNSON SPACE CENTER RADIO CONTROL CLUB	NON-REIMBURSABLE SPACE ACT FOR RADIO CONTROLLED AIRPLANE OPERATIONS	5/7/2020	5/7/2025	Non-Reimbursable	\$6,061.00	JSC	SAA-JA-20-32031

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
691	31987	Chemring Energetic Devices	Development of Next Generation Ordnance Initiating System Architecture & Design	7/20/2020	7/20/2025	Non-Reimbursable	\$201,686.00	JSC	SAA-EA-20-31987
692	31717	VIRGIN GALACTIC, LLC	Virgin Galactic Private Astronaut Mission	5/15/2020	5/15/2025	Non-Reimbursable	\$27,095.00	JSC	SAA-OA-20-31717
693	31714	TEXAS INSTRUMENTS, INC	Non-Reimbursable Space Act Umbrella Agreement for Strategic Alliance for STEM Engagement and Outreach Activities	3/17/2020	3/17/2025	Non-Reimbursable	\$0.00	JSC	SAA-AD-20-31714
694	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	\$29,056.00	JSC	SAA-EA-20-31386
695	31321	The Procter & Gamble Company	Cleaning in Space	8/18/2020	8/18/2025	Non-Reimbursable	\$0.00	JSC	SAA-EA-20-31321
696	31150	UNIVERSITY OF TEXAS	Hypersonic Environment and Material Response Testing and Research	3/10/2020	3/10/2025	Non-Reimbursable	\$81,372.00	JSC	SAA-EA-20-31150

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
697	31149	UNIVERSITY OF TEXAS	Collaborative Research, Technology Transfer, Education and Outreach Activities	3/10/2020	3/10/2025	Non-Reimbursable	\$0.00	JSC	SAA-EA-20-31149
698	31088	Meridian Technology Center	Programs to inspire the next generation of explorers through hands-on projects for high school students.	8/12/2021	8/12/2026	Non-Reimbursable	\$22,752.08	JSC	SAA-OA-21-31088
699	31078	Oliver Ames High School	Programs to inspire the next generation of explorers through hands-on projects for high school students.	8/12/2021	8/12/2026	Non-Reimbursable	\$16,206.19	JSC	SAA-OA-21-31078
700	30784	WILLIAM MARSH RICE UNIVERSITY	HUMANOID ROBOTICS AND RELATED TECHNOLOGIES	3/10/2020	3/10/2025	Reimbursable		JSC	SAA-EA-20-30784
701	30783	WILLIAM MARSH RICE UNIVERSITY	COLLABORATIVE TECHNOLOGY DEVELOPMENT, INNOVATION, AND RESEARCH	3/10/2020	3/10/2025	Reimbursable		JSC	SAA-EA-20-30783
702	30119	GENERAL MOTORS, LLC	Engineering Analysis and Testing for Advanced Technology Development	1/27/2020	1/27/2025	Reimbursable		JSC	SAA-EA-19-30119

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
703	29812	RED.com, Inc.	RED Digital Cinema Core Camera for ISS	1/23/2020	1/23/2025	Non-Reimbursable	\$1,271,505.00	JSC	29812
704	29741	Ogemaw Heights High School	HIGH SCHOOL STUDENTS COLLABORATING WITH NASA TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH (HIGH SCHOOL STUDENTS UNITED WITH NASA TO CREATE HARDWARE) PROGRAM		9/22/2026	Non-Reimbursable	\$6,516.00	JSC	SAA-OA-21-29741
705		Delta Schoolcraft Intermediate School District	High School Students United with NASA to Create Hardware (HUNCH)	9/24/2021	9/23/2026	Non-Reimbursable	\$6,516.00	JSC	SAA-OA-19-29738
706	29736	Harris County Sheriff's Office	Performance of Training Events for First Responders at the Neutral Buoyancy Laboratory	8/25/2020	8/25/2025	Reimbursable		JSC	SAA-CA-20-29736
707	29366	Axiom Space, Inc.	Flight Operations Directorate Axiom Training	9/23/2019	2/27/2025	Reimbursable		JSC	SAA-OA-19-29366-01
708	29365	Axiom Space, Inc.	Low-Earth Orbit Commercial Development Utilizing the ISS	8/27/2019	2/27/2025	Reimbursable		JSC	SAA-19-OA-29365

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
709	29343	BLUE ORIGIN, LLC	Engineering Analysis and Testing	2/8/2020	12/31/2025	Reimbursable		JSC	SAA-EA-20-29343
710	28527	N-SCIENCE, INC	Asteroid Exploration Mission Concept Development	8/20/2019	8/20/2025	Non-Reimbursable	\$12,395.25	JSC	SAA-XA-19-28527
711	42258	UNIVERSITY OF CENTRAL FLORIDA ON BEHALF OF ITS BOARD OF TRUSTEES	KCA-4648-3 Rev. Basic Reimbursable Space Act Umbrella Agreement Between The National Aeronautics and Space Administration (NASA) John F. Kennedy Space Center (KSC) and The University of Central Florida (UCF) Central Florida Board of Trustees for Use of Center Capabilities	12/18/2024	2/22/2027	Reimbursable		KSC	KCA-4648-3 Rev Basic
712	42227	Relativity Space, Inc.	KCA-4678-11 Rev Basic Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	12/5/2024	7/27/2026	Reimbursable		KSC	KCA-4678-11 Rev Basic
713	42209	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-11, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	11/25/2024	1/25/2028	Reimbursable		KSC	KCA-4726-11 Rev Basic
714	41816	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-34 Rev. Basic, Annex 34 to KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/17/2024	9/30/2025	Reimbursable		KSC	KCA-4660-34 Rev Basic

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
715	41815	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-33 Rev. Basic, Annex 33 to KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/17/2024	9/30/2025	Reimbursable		KSC	KCA-4660-33 Rev Basic
716	41814	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-32 Rev. Basic, Annex 32 to KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/17/2024	9/30/2025	Reimbursable		KSC	KCA-4660-32 Rev Basic
717	41813	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-31 Rev. Basic, Annex 31 to KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/17/2024	9/30/2025	Reimbursable		KSC	KCA-4660-31 Rev Basic
718	41812	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-30 Rev. Basic, Annex 30 to KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/17/2024	9/30/2025	Reimbursable		KSC	KCA-4660-30 Rev Basic
719	41811	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-29 Rev. Basic, Annex 29 to KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/17/2024	9/30/2025	Reimbursable		KSC	KCA-4660-29 Rev Basic
720	41798	BLUE ORIGIN FLORIDA, LLC	KCA-4744-7 Rev Basic, Annex 7 under Fully Reimbursable Space Act Umbrella Agreement for Use of Kennedy Space Center Capabilities	11/1/2024	11/28/2028	Reimbursable		KSC	KCA-4744-7 Rev Basic

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
721	41794	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-28 Rev. Basic, Annex 28 to KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/17/2024	9/30/2025	Reimbursable		KSC	KCA-4660-28 Rev Basic
722	41793	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660-27 Rev. Basic, Annex 27 to KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/17/2024	9/30/2025	Reimbursable		KSC	KCA-4660-27 Rev Basic
723	41713	AA Plasma LLC	KCA-4793 Rev Basic, Reimbursable Space Act Agreement between NASA KSC and AA Plasma LLC - Solutions for the Mitigation of Ethylene Oxide	11/18/2024	11/18/2027	Reimbursable		KSC	KCA-4793 Rev Basic
724	41644	Board of Trustees for the University of Alabama	KCA-4792 Rev Basic Nonreimbursable Space Act Agreement (NRSAA) Between NASA KSC and THE BOARD OF TRUSTEES FOR THE UNIVERSITY OF ALABAMA for Plasma Diagnostics and Application Research	11/19/2024	9/30/2025	Non-Reimbursable	\$2,682.91	KSC	KCA-4792 Rev Basic
725	41564	BLUE ORIGIN FLORIDA, LLC	KCA-4744-6 Rev Basic, Annex 6 under Fully Reimbursable Space Act Umbrella Agreement for Use of Kennedy Space Center Capabilities	9/9/2024	11/28/2028	Reimbursable		KSC	KCA-4744-6 Rev Basic
726	41563	Engineering Research and Consulting, Inc.	KCA-4740-16, Rev Basic Annex 16 to KCA-4740, Rev Basic Umbrella Reimbursable Space Act Agreement (RSAA) with Engineering Research and Consulting, Inc. (ERC) for Contractor 3rd Party Work (C3PW)	10/1/2024	9/30/2025	Reimbursable		KSC	KCA-4740-16 Rev Basic

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
727	41560	Engineering Research and Consulting, Inc.	KCA-4740-15, Rev. Basic Annex 15 to KCA-4740, Rev Basic Umbrella Reimbursable Space Act Agreement (RSAA) with Engineering Research and Consulting, Inc. (ERC) for Contractor 3rd Party Work (C3PW)	10/1/2024	9/30/2025	Reimbursable		KSC	KCA-4740-15 Rev Basic
728	41559	Engineering Research and Consulting, Inc.	KCA-4740-14, Rev. Basic Annex 14 to KCA-4740, Rev Basic Umbrella Reimbursable Space Act Agreement (RSAA) with Engineering Research and Consulting, Inc. (ERC) for Contractor 3rd Party Work (C3PW)	10/1/2024	9/30/2025	Reimbursable		KSC	KCA-4740-14 Rev Basic
729	41557	Engineering Research and Consulting, Inc.	KCA-4740-13, Rev. Basic Annex 13 to KCA-4740, Rev Basic Umbrella Reimbursable Space Act Agreement (RSAA) with Engineering Research and Consulting, Inc. (ERC) for Contractor 3rd Party Work (C3PW)	10/1/2024	9/30/2025	Reimbursable		KSC	KCA-4740-13 Rev Basic
730	41554	Engineering Research and Consulting, Inc.	KCA-4740-12 Rev. Basic, Annex 12 to KCA-4740, Rev Basic Umbrella Reimbursable Space Act Agreement (RSAA) with Engineering Research and Consulting, Inc. (ERC) for Contractor 3rd Party Work (C3PW)	10/1/2024	9/30/2025	Reimbursable		KSC	KCA-4740-12 Rev Basic
731	41506	Relativity Space, Inc.	KCA-4678-10 Rev Basic Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	9/12/2024	7/27/2026	Reimbursable		KSC	KCA-4678-10 Rev Basic
732	41376	Rothe ARES Joint Venture	KCA-4762-2 Rev Basic, Annex to KCA-4762, Rev Basic Umbrella Reimbursable Space Act Agreement (RSAA) with Rothe ARES Joint Venture (ROAR JV) for Contractor 3rd Party Work (C3PW)	8/29/2024	7/31/2025	Reimbursable		KSC	KCA-4762-2 Rev. Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
733	41006	Florida Institute of Technology, Inc.	KCA-4683-3, Rev Basic Annex 3, Non-Reimbursable Space Act Agreement (NRSAA) Umbrella with Florida Institute of Technology, Inc. (Florida Tech) for Collaborative Research, Education and Outreach Activities	6/24/2024	10/8/2026	Non-Reimbursable	\$10,734.00	KSC	KCA-4683-3 Rev Basic
734	40893	Relativity Space, Inc.	KCA-4678-9 Rev. Basic, Annex 9 under Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	6/13/2024	9/30/2025	Reimbursable		KSC	KCA-4678-9 Rev Basic
735	40879	Solid Waste Authority of Palm Beach County	KCA-4788, Rev. Basic Nonreimbursable Space Act Agreement between NASA KSC and Solid Waste Authority of Palm Beach County for Research Collaboration	8/13/2024	8/13/2029	Non-Reimbursable	\$33,660.00	KSC	KCA-4788 Rev Basic
736	40729	REDWIRE SPACE INC	KCA-4781-1 Rev Basic Annex Between NASA KSC and Redwire Space Inc for Subject Matter Expert Consulting, Testing Support, and Delivery of Compaction and Size Screening Implement	7/10/2024	9/30/2026	Reimbursable		KSC	KCA-4781-1 Rev Basic
737	40728	REDWIRE SPACE INC	KCA-4781 Rev Basic Reimbursable Umbrella Agreement Between NASA KSC and Redwire Space Inc. for Engineering and Testing Support of Robotic Construction Equipment for Off-Earth Applications	7/10/2024	7/9/2029	Reimbursable		KSC	KCA-4781 Rev Basic
738	40450	CELLCO PARTNERSHIP	KCA-4775-2 Rev Basic, Reimbursable Space Act Agreement (RSAA) Annex 2 Between the Cellco Partnership d/b/a Verizon Wireless and NASA John F. Kennedy Space Center (KSC) for Strand Installation	5/14/2024	5/1/2029	Reimbursable		KSC	KCA-4775-2 Rev Basic

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
739	40447	CELLCO PARTNERSHIP	KCA-4775-1 Rev Basic, Reimbursable Space Act Agreement (RSAA) Annex 1 Between the Cellco Partnership d/b/a Verizon Wireless and NASA John F. Kennedy Space Center (KSC) for Fiber Installation	5/8/2024	5/1/2029	Reimbursable		KSC	KCA-4775-1 Rev Basic
740	40446	CELLCO PARTNERSHIP	KCA-4775 Rev Basic, Umbrella Reimbursable Space Act Agreement (RSAA) Between the Cellco Partnership d/b/a Verizon Wireless and NASA John F. Kennedy Space Center (KSC) for use of Center Services	5/2/2024	5/1/2029	Reimbursable		KSC	KCA-4775 Rev Basic
741	40318	BLUE ORIGIN FLORIDA, LLC	KCA-4774-1 Rev Basic Reimbursable Annex Between National Aeronautics and Space Administration Kennedy Space Center and Blue Origin LLC Under Space Act Umbrella Agreement KCA-4774	3/7/2024	3/6/2029	Reimbursable		KSC	KCA-4774-1 Rev Basic
742	40317	BLUE ORIGIN FLORIDA, LLC	KCA-4774 Rev Basic Reimbursable Umbrella Agreement Between National Aeronautics and Space Administration Kennedy Space Center and Blue Origin LLC for Engineering and Testing Support for the Space Resources Program	3/7/2024	3/6/2029	Reimbursable		KSC	KCA-4774 Rev Basic
743	40288	PROTOINNOVATIONS, LLC	KCA-4773 Rev. Basic Reimbursable Space Act Agreement (RSAA) between NASA KSC and ProtoInnovations LLC for Testing Services for The Mobility Coordinator	5/1/2024	7/20/2026	Reimbursable		KSC	KCA-4773 Rev Basic
744	40098	LEVEL 3 COMMUNICATIONS, LLC	KCA-4769 Rev Basic License Between the National Aeronautics and Space Administration Kennedy Space Center and Level 3 Communications LLC for Use of NASA Facilities	2/8/2024	2/22/2029	Non-Reimbursable	\$0.00	KSC	KCA-4769 Rev Basic

ROW NO	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
745	40090	NEW CINGULAR WIRELESS PCS, LLC	KCA-4768 Rev. Basic Reimbursable Space Act Agreement (RSAA) between NASA KSC and New Cingular Wireless PCS, LLC for Electricity Service	3/21/2024	3/20/2029	Reimbursable		KSC	KCA-4768 Rev Basic
746	40041	BLUE ORIGIN FLORIDA, LLC	KCA-4744-5 Rev Basic, Annex 5 under Fully Reimbursable Space Act Umbrella Agreement for Use of Kennedy Space Center Capabilities	12/1/2023	11/28/2028	Reimbursable		KSC	KCA-4744-5 Rev Basic
747	40039	BLUE ORIGIN FLORIDA, LLC	KCA-4744-4 Rev Basic, Annex 4 under Fully Reimbursable Space Act Umbrella Agreement for Use of Kennedy Space Center Capabilities	12/1/2023	11/28/2028	Reimbursable		KSC	KCA-4744-4 Rev Basic
748	40038	BLUE ORIGIN FLORIDA, LLC	KCA-4744-3 Rev Basic, Annex 3 under Fully Reimbursable Space Act Umbrella Agreement for Use of Kennedy Space Center Capabilities	12/1/2023	11/28/2028	Reimbursable		KSC	KCA-4744-3 Rev Basic
749	40037	BLUE ORIGIN FLORIDA, LLC	KCA-4744-2 Rev Basic, Annex 2 under Fully Reimbursable Space Act Umbrella Agreement for Use of Kennedy Space Center Capabilities	12/1/2023	11/28/2028	Reimbursable		KSC	KCA-4744-2 Rev Basic
750	39810	CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS	KCA-4739 Rev. Basic Reimbursable Space Act Agreement (RSAA) between NASA KSC and Verizon for Electricity Service	11/27/2023	11/26/2028	Reimbursable		KSC	KCA-4739 Rev Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
751	39692	UNIVERSITY OF FLORIDA BOARD OF TRUSTEES	KCA-4761-1 Rev Basic, Annex Between KSC and University of Florida Under Non-Reimbursable Space Act Umbrella Agreement No. KCA-4761	12/8/2023	12/7/2028	Non-Reimbursable	\$57,758.00	KSC	KCA-4761-1 Rev Basic
752	39691	UNIVERSITY OF FLORIDA BOARD OF TRUSTEES	KCA-4761 Rev Basic, Nonreimbursable Space Act Umbrella Agreement between KSC and University of Florida for Collaborative Research, Technology Transfer, Academic Engagement, and Outreach Activities	12/8/2023	12/7/2028	Non-Reimbursable	\$0.00	KSC	KCA-4761 Rev Basic
753	39643	Space Exploration Technologies Corporation	KCA-4722-17 Rev Basic, Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	9/28/2023	12/31/2025	Reimbursable		KSC	KCA-4722-17 Rev Basic
754	39639	THE BOEING COMPANY	KCA-4735-6, Rev Basic Annex 6 Reimbursable Umbrella SAA between the NASA KSC and The Boeing Company for Use of Center Capabilities	9/28/2023	9/22/2028	Reimbursable		KSC	KCA-4735-6 Rev Basic
755	39636	THE BOEING COMPANY	KCA-4735-5, Rev Basic Annex 5 Reimbursable Umbrella SAA between the NASA KSC and The Boeing Company for Use of Center Capabilities	9/27/2023	9/22/2028	Reimbursable		KSC	KCA-4735-5 Rev Basic
756	39633	THE BOEING COMPANY	KCA-4735-4, Rev Basic Annex 4 Reimbursable Umbrella SAA between the NASA KSC and The Boeing Company for Use of Center Capabilities	9/27/2023	9/22/2028	Reimbursable		KSC	KCA-4735-4 Rev Basic

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
757	39632	THE BOEING COMPANY	KCA-4735-3, Rev Basic Annex 3 Reimbursable Umbrella SAA between the NASA KSC and The Boeing Company for Use of Center Capabilities	9/27/2023	9/22/2028	Reimbursable		KSC	KCA-4735-3 Rev Basic
758	39631	THE BOEING COMPANY	KCA-4735-2, Rev Basic Annex 2 Reimbursable Umbrella SAA between the NASA KSC and The Boeing Company for Use of Center Capabilities	9/27/2023	9/22/2028	Reimbursable		KSC	KCA-4735-2 Rev Basic
759	39585	Rothe ARES Joint Venture	KCA-4762, Rev Basic Umbrella Reimbursable Space Act Agreement (RSAA) with Rothe ARES Joint Venture (ROAR JV) for Contractor 3rd Party Work (C3PW)	11/30/2023	7/31/2025	Reimbursable		KSC	KCA-4762 Rev Basic
760	39450	Hydra-Electric Company	KCA-4758, Rev Basic, Hydra-Electric Company, for Vibration Qualification Testing	1/24/2024	9/30/2025	Reimbursable		KSC	KCA-4758 Rev Basic
761	39254	THE ASTRONAUTS MEMORIAL FOUNDATION	KCA-4751 Rev Basic, Non-Reimbursable Space Act Agreement (NRSAA) Between the Astronauts Memorial Foundation (AMF) and NASA John F. Kennedy Space Center (KSC) for the NASA Exploration Station	3/29/2024	3/28/2029	Non-Reimbursable	\$95,994.00	KSC	KCA-4751 Rev Basic
762	39138	SPACE FLORIDA	KCA-4723-7, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and Space Florida for Use of Center Capabilities	7/10/2023	6/30/2028	Reimbursable		KSC	KCA-4723-7 Rev Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
763	39137	SPACE FLORIDA	KCA-4723-6, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and Space Florida for Use of Center Capabilities	7/10/2023	6/30/2028	Reimbursable		KSC	KCA-4723-6 Rev Basic
764	39135	SPACE FLORIDA	KCA-4723-5, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and Space Florida for Use of Center Capabilities	7/10/2023	6/30/2028	Reimbursable		KSC	KCA-4723-5 Rev Basic
765	39134	SPACE FLORIDA	KCA-4723-4, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and Space Florida for Use of Center Capabilities	7/13/2023	6/30/2028	Reimbursable		KSC	KCA-4723-4 Rev Basic
766	39133	SPACE FLORIDA	KCA-4723-3, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and Space Florida for Use of Center Capabilities	7/10/2023	6/30/2028	Reimbursable		KSC	KCA-4723-3 Rev Basic
767	39127	SPACE FLORIDA	KCA-4723-2, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and Space Florida for Use of Center Capabilities	7/10/2023	6/30/2028	Reimbursable		KSC	KCA-4723-2 Rev Basic
768	39083	POLK STATE COLLEGE	KCA-4750 Rev Basic, Non-Reimbursable Space Act Agreements for High School Students United with NASA to Create Hardware (HUNCH) Program Participation with Polk State College	9/29/2023	9/28/2028	Non-Reimbursable	\$183,198.00	KSC	KCA-4750 Rev Basic

ROW NC	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
769	38992	WINSTON-SALEM STATE UNIVERSITY	KCA-4754-2, Rev. Basic Annex 2 to Nonreimbursable Umbrella Space Act Agreement with Winston-Salem State University (WSSU) for Databasing Activities	9/15/2023	9/15/2028	Non-Reimbursable	\$66,295.00	KSC	KCA-4754-2 Rev. Basic
770	38867	WINSTON-SALEM STATE UNIVERSITY	KCA-4754-1, Rev. Basic Annex 1 to Nonreimbursable Umbrella Space Act Agreement with Winston-Salem State University for Microbiomes and Regolith Research Activities	9/15/2023	9/15/2028	Non-Reimbursable	\$66,295.00	KSC	KCA-4754-1 Rev. Basic
771	38866	WINSTON-SALEM STATE UNIVERSITY	KCA-4754 Rev. Basic Nonreimbursable Umbrella Space Act Agreement with Winston-Salem State University (WSSU) for Space Crop Production Collaborative Activities	9/15/2023	9/15/2028	Non-Reimbursable	\$0.00	KSC	KCA-4754 Rev. Basic
772	38794	Space Exploration Technologies Corporation	KCA-4722-15 Rev Basic, Annex 15 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	5/15/2023	11/15/2027	Reimbursable		KSC	KCA-4722-15 Rev Basic
773	38697	BLUE ORIGIN FLORIDA, LLC	KCA-4744-1 Rev Basic, ANNEX 1 BETWEEN NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER AND BLUE ORIGIN FLORIDA, LLC UNDER SPACE ACT AGREEMENT KCA-4744	11/29/2023	11/28/2028	Reimbursable		KSC	KCA-4744-1 Rev Basic
774	38696	BLUE ORIGIN FLORIDA, LLC	KCA-4744 Rev Basic, Fully Reimbursable Space Act Umbrella Agreement for Use of Kennedy Space Cente Capabilities	r 11/29/2023	11/28/2028	Reimbursable		KSC	KCA-4744 Rev Basic

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
775		Space Exploration Technologies Corporation	KCA-4722-10 Rev Basic, Annex 10 under Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	4/6/2023	11/15/2027	Reimbursable		KSC	KCA-4722-10 Rev. Basic
776		Space Exploration Technologies Corporation	KCA-4722-13 Rev Basic, Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	7/18/2023	11/15/2027	Reimbursable		KSC	KCA-4722-13 Rev Basic
777	38548	Engineering Research and Consulting, Inc.	KCA-4740, Rev Basic Umbrella Reimbursable Space Act Agreement (RSAA) with Engineering Research and Consulting, Inc. (ERC) for Contractor 3rd Party Work (C3PW)	4/7/2023	9/30/2025	Reimbursable		KSC	KCA-4740 Rev Basic
778	38366	AIRBUS U.S. SPACE AND DEFENSE, INC	KCA-4731-1 Revision Basic, Annex 1 under Reimbursable Umbrella SAA between the National Aeronautics and Space Administration John F. Kennedy Space Center and Airbus U.S. Space and Defense, Inc.	5/5/2023	5/4/2028	Reimbursable		KSC	KCA-4731-1 Rev Basic
779	38365	AIRBUS U.S. SPACE AND DEFENSE, INC	KCA-4731 Revision Basic, for Reimbursable Umbrella SAA between the National Aeronautics and Space Administration John F. Kennedy Space Center and Airbus U.S. Space and Defense, Inc.	5/5/2023	5/4/2028	Reimbursable		KSC	KCA-4731 Rev Basic
780	38273	THE BOEING COMPANY	KCA-4735-1, Rev Basic Annex 1 for Reimbursable Umbrella SAA between the NASA KSC and The Boeing Company for Use of Center Capabilities	9/22/2023	9/22/2028	Reimbursable		KSC	KCA-4735-1 Rev. Basic

ROW NO). PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
781	38272	THE BOEING COMPANY	KCA-4735, Rev. Basic Reimbursable Umbrella SAA between the NASA KSC and The Boeing Company for Use of Center Capabilities	9/22/2023	9/22/2028	Reimbursable		KSC	KCA-4735 Rev. Basic
782	38267	Firefly Aerospace Inc.	KCA-4671-2, Rev. Basic Annex 2 under Fully Reimbursable Umbrella SAA Between NASA KSC and Firefly Aerospace Inc. for Use of Center Capabilities	4/21/2023	3/1/2026	Reimbursable		KSC	KCA-4671-2 Rev Basic
783	38156	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-9 Rev Basic Annex 9 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	2/23/2023	1/25/2028	Reimbursable		KSC	KCA-4726-9 Rev Basic
784	38155	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-8 Rev Basic Annex 8 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	2/23/2023	1/25/2028	Reimbursable		KSC	KCA-4726-8 Rev Basic
785	38154	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-7 Rev Basic Annex 7 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	2/16/2023	1/25/2028	Reimbursable		KSC	KCA-4726-7 Rev Basic
786	38153	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-6 Rev Basic Annex 6 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	2/16/2023	1/25/2028	Reimbursable		KSC	KCA-4726-6 Rev Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
787	38152	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-5 Rev Basic Annex 5 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	2/16/2023	1/25/2028	Reimbursable		KSC	KCA-4726-5 Rev Basic
788	38151	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-4 Rev Basic Annex 4 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	2/13/2023	1/25/2028	Reimbursable		KSC	KCA-4726-4 Rev Basic
789	38150	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-3 Rev Basic Annex 3 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	2/13/2023	1/25/2028	Reimbursable		KSC	KCA-4726-3 Rev Basic
790	38149	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-2 Rev Basic Annex 2 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	2/21/2023	1/25/2028	Reimbursable		KSC	KCA-4726-2 Rev Basic
791	37884	Space Exploration Technologies Corporation	KCA-4722-14 Rev Basic, Annex 14 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/1/2022	11/15/2027	Reimbursable		KSC	KCA-4722-14 Rev Basic
792	37883	Space Exploration Technologies Corporation	KCA-4722-9 Rev Basic, Annex 9 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/1/2022	11/15/2027	Reimbursable		KSC	KCA-4722-9 Rev Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
793		Space Exploration Technologies Corporation	KCA-4722-11 Rev Basic, Annex 11 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/1/2022	11/15/2027	Reimbursable		KSC	KCA-4722-11 Rev Basic
794	37881	Space Exploration Technologies Corporation	KCA-4722-7 Rev Basic, Annex 7 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/1/2022	11/15/2027	Reimbursable		KSC	KCA-4722-7 Rev Basic
795	37880	Space Exploration Technologies Corporation	KCA-4722-5 Rev Basic, Annex 5 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/8/2022	11/15/2027	Reimbursable		KSC	KCA-4722-5 Rev Basic
796	37879	Space Exploration Technologies Corporation	KCA-4722-4 Rev Basic, Annex 4 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/8/2022	11/15/2027	Reimbursable		KSC	KCA-4722-4 Rev Basic
797	1 3/8/5	Space Exploration Technologies Corporation	KCA-4722-8 Rev Basic, Annex 8 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/1/2022	11/15/2027	Reimbursable		KSC	KCA-4722-8 Rev Basic
798	3/8//	Space Exploration Technologies Corporation	KCA-4722-6 Rev Basic, Annex 6 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/1/2022	11/15/2027	Reimbursable		KSC	KCA-4722-6 Rev Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
799	37873	Space Exploration Technologies Corporation	KCA-4722-3 Rev Basic, Annex 3 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/1/2022	11/15/2027	Reimbursable		KSC	KCA-4722-3 Rev Basic
800	37872	Space Exploration Technologies Corporation	KCA-4722-2 Rev Basic, Annex 2 to Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	12/1/2022	11/15/2027	Reimbursable		KSC	KCA-4722-2 Rev Basic
801	37748	Astronauts Memorial Foundation	KCA-4725, Rev Basic Standalone NRSAA between NASA KSC and the Astronauts Memorial Foundation, Inc.	8/31/2023	8/30/2028	Non-Reimbursable	\$674,790.00	KSC	KCA-4725 Rev Basic
802	37729	UNITED LAUNCH ALLIANCE, LLC	KCA-4726-1, Rev Basic Annex 1 for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	1/26/2023	1/25/2028	Reimbursable		KSC	KCA-4726-1 Rev Basic
803	37728	UNITED LAUNCH ALLIANCE, LLC	KCA-4726, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and United Launch Alliance, LLC for Use of Center Capabilities	1/26/2023	1/25/2028	Reimbursable		KSC	KCA-4726 Rev Basic
804	37721	UNITED LAUNCH ALLIANCE, LLC	KCA-4733, Rev. Basic Fully Reimbursable Space Act Agreement between the National Aeronautics and Space Administration John F. Kennedy Space Center and United Launch Alliance, LLC for Solar White Development for Second-Stage Cryogenic Tanks	6/22/2023	6/22/2025	Reimbursable		KSC	KCA-4733 Rev. Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
805	37504	University of Dayton	KCA 4715-1 Rev Basic, Annex 1 for Reimbursable SAA between NASA KSC and University of Dayton	12/15/2022	12/14/2027	Reimbursable		KSC	KCA 4715-1 Rev Basic
806	37503	University of Dayton	KCA-4715 Rev Basic, Reimbursable Umbrella SAA between KSC and University of Dayton for Corrosion Testing	12/15/2022	12/14/2027	Reimbursable		KSC	KCA-4715 Rev Basic
807	37499	University of Central Florida Board of Trustees	KCA-4648-2 Rev. Basic, of Reimbursable Space Act Umbrella Agreement Between The National Aeronautics and Space Administration (NASA) John F. Kennedy Space Center (KSC) and The University of Central Florida (UCF) Central Florida Board of Trustees for Use of Center Capabilities	10/6/2022	2/22/2027	Reimbursable		KSC	KCA-4648-2 Rev Basic
808	37234	SPACE FLORIDA	KCA-4723-1, Rev Basic Annex 1 for Reimbursable Umbrella SAA between the NASA KSC and Space Florida for Use of Center Capabilities	7/1/2023	6/30/2028	Reimbursable		KSC	KCA-4723-1 Rev Basic
809	37233	SPACE FLORIDA	KCA-4723, Rev Basic for Reimbursable Umbrella SAA between the NASA KSC and Space Florida for Use of Center Capabilities		6/30/2028	Reimbursable		KSC	KCA-4723 Rev Basic
810		Space Exploration Technologies Corporation	KCA-4722-1 Rev Basic, Annex 1 to Reimbursable Umbrella SAA between NASA KSC and SpaceX for Center Capabilities	11/16/2022	11/15/2027	Reimbursable		KSC	KCA-4722-1 Rev Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
811	37121	Space Exploration Technologies Corporation	KCA-4722 Rev Basic, Fully Reimbursable Space Act Umbrella Agreement between NASA and Space Exploration Technologies Corporation for use of Kennedy Space Center Capabilities	11/16/2022	11/15/2027	Reimbursable		KSC	KCA-4722 Rev Basic
812	37074	Oak Ridge Associated Universities, Inc	KCA-4719-2, Rev. Basic, Annex 2 to Umbrella Non- Reimbursable Space Act Agreement (NRSAA) 33159 with Oak Ridge Associated Universities, Inc. (ORAU)	9/23/2022	12/15/2025	Non-Reimbursable	\$85,725.00	KSC	KCA-4719-2 Rev. Basic
813	36543	Brevard Public Schools	KCA-4710 Rev Basic, Non-Reimbursable Space Act Agreements for High School Students United with NASA to Create Hardware (HUNCH) Program Participation with Brevard County Public Schools (BPS)	8/10/2022	8/10/2027	Non-Reimbursable	\$825,524.00	KSC	KCA-4710 Rev Basic
814	36352	Relativity Space, Inc.	KCA-4678-4 Rev Basic, Annex 4 to Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	3/12/2022	7/27/2026	Reimbursable		KSC	KCA-4678-4 Rev Basic
815	35951	THE ASTRONAUTS MEMORIAL FOUNDATION	KCA-1236 Rev. Basic Use Permit for The Center for Space Education	4/30/1992	12/31/9999	Non-Reimbursable		KSC	KCA-1236 Rev. Basic
816	35845	ROCKETSTAR, LLC	KCA-4701-1, Annex 1 to the Reimbursable Umbrella SAA Between NASA KSC and RocketStar LLC for Spaceport Operations and Integration Support	1/19/2022	1/19/2027	Reimbursable		KSC	KCA-4701-1 Rev Basic

ROW NC	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
817	35844	ROCKETSTAR, LLC	KCA-4701 Rev Basic, Reimbursable Umbrella SAA between NASA KSC and RocketStar LLC for Use of Center Capabilities	1/19/2022	1/19/2027	Reimbursable		KSC	KCA-4701 Rev Basic
818	35743	Rocket Crafters, Inc	KCA-4700-1, Rev Basic Annex 1 to the Reimbursable Space Act Agreement (RSAA) Umbrella Between NASA Kennedy Space Center and Rocket Crafters, Inc. for Spaceport Integration Support	2/9/2022	2/9/2027	Reimbursable		KSC	KCA-4700-1 Rev Basic
819	35742	Rocket Crafters, Inc	KCA-4700, Rev Basic Umbrella Agreement Between KSC and Rocket Crafters for Use of Center Capabilities	2/9/2022	2/9/2027	Reimbursable		KSC	KCA-4700 Rev Basic
820	35656	Orion Marine Construction	KCA-4699 Rev Basic License Agreement for Construction Laydown Area Between the National Aeronautics and Space Administration John F. Kennedy Space Center and Orion Marine Construction	12/1/2021	12/1/2026	Non-Reimbursable	\$0.00	KSC	KCA-4699 Rev Basic
821	35375	Innovative Technology, Inc.	KCA-4694-1 Rev. Basic, Annex 1 to the Reimbursable Space Act Agreement (RSAA) Umbrella Agreement Between NASA and Innovative Technology, Inc. for General Corrosion Testing	1/14/2022	1/14/2027	Reimbursable		KSC	KCA-4694-1 Rev. Basic
822	35374	Innovative Technology, Inc.	KCA-4694 Rev. Basic Fully Reimbursable Umbrella Space Act Agreement Between The National Aeronautics and Space Administration John F. Kennedy Space Center and Innovative Technology, Inc. for Use of Center Capabilities	1/14/2022	1/14/2027	Reimbursable		KSC	KCA-4694 Rev Basic

ROW NO	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
823	35360	Astra Space Operations Inc.	KCA-4695-1 Rev. Basic, Annex No. 1 to the Reimbursable Umbrella SAA Between NASA KSC and Astra Space Inc for Spaceport Operations and Integration Support	12/21/2021	12/21/2026	Reimbursable		KSC	KCA-4695-1 Rev Basic
824	35359	Astra Space Operations Inc.	KCA-4695 Rev Basic, Reimbursable Umbrella SAA between NASA KSC and Astra Space Inc for Use of Center Capabilities	12/21/2021	12/21/2026	Reimbursable		KSC	KCA-4695 Rev Basic
825	34809	Florida Institute of Technology, Inc.	KCA-4683-1, Rev Basic Annex 1 to Non-Reimbursable Space Act Agreement (NRSAA) with Florida Institute of Technology, Inc. (Florida Tech) for Joint Research on the Performance of Crop Species Grown in Lunar and Martian Simulants	10/8/2021	10/8/2026	Non-Reimbursable	\$40,380.00	KSC	KCA-4683-1 Rev Basic
826	34808	Florida Institute of Technology, Inc.	KCA-4683, Rev Basic of Non-Reimbursable Space Act Agreement (NRSAA) Umbrella with Florida Institute of Technology, Inc. (Florida Tech) for Collaborative Research, Education and Outreach Activities	10/8/2021	10/8/2026	Non-Reimbursable	\$0.00	KSC	KCA-4683 Rev Basic
827	34588	Relativity Space, Inc.	KCA-4678-1, Rev Basic Annex 1 to the Reimbursable Space Act Agreement (RSAA) Umbrella Between NASA Kennedy Space Center and Relativity Space, Inc. for Spaceport Integration Support	7/27/2021	7/27/2026	Reimbursable		KSC	KCA-4678-1 Rev Basic
828	34587	Relativity Space, Inc.	KCA-4678 Rev Basic Reimbursable Space Act Agreement (RSAA) Umbrella Between Relativity Space, Inc. and NASA Kennedy Space Center for Use of Center Capabilities	7/27/2021	7/27/2026	Reimbursable		KSC	KCA-4678 Rev Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
829	34155	Florida Department of Transportation	KCA-4674 Rev Basic License Agreement-Indian River Bridge Demolition and Construction Project	6/15/2021	3/27/2027	Non-Reimbursable	\$0.00	KSC	KCA-4674 Rev Basic
830	34110	Pine Island Investment Group, LLC	KCA-4653, Rev Basic for Real Property License with Pine Island Investment Group, LLC	4/7/2021	4/7/2026	Non-Reimbursable	\$0.00	KSC	KCA-4653 Rev Basic
831	34047	Axiom Space, LLC	KCA-4682-1 Rev Basic, Annex No. 1 to the Fully Reimbursable Umbrella SAA Between NASA KSC and Axiom Space, Inc. for Spaceport Operations and Integration Support	1/24/2022	9/30/2025	Reimbursable		KSC	KCA-4682-1 Rev Basic
832	34046	Axiom Space, LLC	KCA-4682, Rev. Basic Fully Reimbursable Umbrella SAA Between NASA KSC and Axiom Space, Inc. for Use of Center Capabilities	1/24/2022	1/24/2027	Reimbursable		KSC	KCA-4682, Rev. Basic
833	34023	Firefly Aerospace Inc.	KCA-4671-1, Rev Basic Annex 1 to the Reimbursable Space Act Agreement (RSAA) Umbrella Agreement Between NASA KSC and Firefly Aerospace Inc. for Launch Telemetry and Communication Services at Vandenberg Air Force Base	3/2/2021	3/1/2026	Reimbursable		KSC	KCA-4671-1 Rev. Basic
834	34022	Firefly Aerospace Inc.	KCA-4671, Rev. Basic Fully Reimbursable Umbrella SAA Between NASA KSC and Firefly Aerospace Inc. for Use of Center Capabilities	3/1/2021	3/1/2026	Reimbursable		KSC	KCA-4671 Rev. Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
835	33991	PAE-SGT Partners LLC	KCA-4608 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and PAE-SGT Partners LLC for C3PW	9/15/2021	3/31/2025	Reimbursable		KSC	KCA-4608 Rev Basic
836	33945	United Launch Alliance	KCA-4654-1 Rev Basic, Annex 1 for Demonstration of Cryogenic Technologies in a Flight-like Upper Stage	6/23/2022	6/22/2027	Non-Reimbursable	\$1,054,919.00	KSC	KCA-4654-1 Rev Basic
837	33944	United Launch Alliance	KCA-4654, Rev Basic of Non-Reimbursable Space Act Agreement (NRSAA) Umbrella with United Launch Alliance (ULA) for Demonstration of Cryogenic and Secondary Payload Technologies for Launch Vehicles	6/23/2022	6/22/2027	Non-Reimbursable	\$0.00	KSC	KCA-4654 Rev Basic
838	33515	Southeast Coastal Ocean Observing Regional Association	KCA-4676 Rev Basic, Reimbursable Space Act Agreement Between NASA-KSC and Southeast Coastal Ocean Observing Regional Association for Electrical Services	3/31/2022	3/30/2027	Reimbursable		KSC	KCA-4676 Rev. Basic
839	33461	HSG, LLC d/b/a HERNDON SOLUTIONS GROUP	KCA-4660 Rev Basic, Fully Reimbursable Umbrella SAA between NASA and HSG, LLC d/b/a Herndon Solutions Group for C3PW	10/7/2020	9/30/2025	Reimbursable		KSC	KCA-4660 Rev Basic
840	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	9/30/2026	Non-Reimbursable	\$454,078.00	KSC	KCA-4659 Rev Basic

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
841	32750	KT Engineering Corporation	KCA-4650-1 Rev Basic, 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
842	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
843	32666	UNIVERSITY OF CENTRAL FLORIDA ON BEHALF OF ITS BOARD OF TRUSTEES	KCA-4648-1 Rev. Basic, Annex 1 of Reimbursable Space Act Umbrella Agreement Between the National Aeronautics and Space Administration (NASA) John F. Kennedy Space Center (KSC) and The University of Central Florida (UCF) Central Florida Board of Trustees for Use of Center Capabilities	2/25/2022	2/24/2027	Reimbursable		KSC	KCA-4648-1 Rev. Basic
844	32665	UNIVERSITY OF CENTRAL FLORIDA ON BEHALF OF ITS BOARD OF TRUSTEES	KCA-4648 Rev. Basic, Reimbursable Space Act Umbrella Agreement Between The National Aeronautics and Space Administration (NASA) John F. Kennedy Space Center (KSC) and The University of Central Florida (UCF) Central Florida Board of Trustees for Use of Center Capabilities	2/25/2022	2/24/2027	Reimbursable		KSC	KCA-4648 Rev. Basic
845	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
846	31927	The Astronauts Memorial Foundation	KCA-4638, Rev 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 Rev Basic

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
847	30320	SPACE FLORIDA	KCA-4607 Rev Basic, Real Property License between NASA KSC and Space Florida for the Use of NASA Real Property	9/26/2019	9/25/2029	Non-Reimbursable	\$0.00	KSC	KCA-4607 Rev Basic
848	24702	Space Exploration Technology Corp	KCA-4360 Rev Basic, Property Agreement between NASA KSC and SpaceX for the Use of Launch Complex 39 Pad A	4/14/2014	4/14/2034	Reimbursable		KSC	KCA-4360 Rev Basic
849	20723	Space Florida	KCA-4412 Rev Basic, 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 Rev Basic
850	15983	Air Liquide Large Industries U.S. LP	KCA-4400 Rev Basic, Grant of Easement for Right of Way for Air Liquide Large Industries U.S. LP	7/25/2013	7/31/2033	Non-Reimbursable		KSC	KCA-4400 Rev Basic
851	10940	Space Florida, an independent special district of the state of Florida	KCA-4311 Rev Basic, 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 Rev Basic
852	7016	Florida Power & Light Company	KCA-4250 Rev Basic, Grant of Easement for Right of Way for Electric Power Transmission and Communications Facilities to Florida Power & Light Company	11/6/2009	11/6/2034	Non-Reimbursable		KSC	KCA-4250 Rev Basic

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
853	3798	SPACE FLORIDA, AN INDEPENDENT	KCA-1683-BASIC, REAL PROPERTY USE PERMIT BETWEEN NASA AND SPACEPORT FLORIDA AUTHORITY FOR DESIGN, CONSTRUCTION, AND OPERATION OF SERPL	2/8/2001	2/8/2031	Reimbursable		KSC	KCA-1683-BASIC
854	3786	Florida Space Authority	KCA-1487-BASIC, 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
855	3754	Astronaut Memorial Foundation	KCA-1280 Rev. Basic, USE PERMIT FOR THE ASTRONAUT MEMORIAL	10/13/1998	12/31/9999	Non-Reimbursable		KSC	KCA-1280 Rev. Basic
856	42212	UNITED LAUNCH ALLIANCE, LLC	VERA PRELIMINARY DESIGN EFFORTS THROUGH FIRST EDU TEST	11/27/2024	3/31/2026	Reimbursable		LaRC	SAA1-37876, Annex 4
857	41959	General Electric Company	Contrail Optical Depth Experiment (CODEX) Flight Test Campaign	11/1/2024	5/20/2026	Non-Reimbursable	\$390,897.41	LaRC	SAA2-403615, Annex 3
858	41930	Wisk Aero, LLC	Architectural Analysis of Uncrewed Midterm UAM Operations	11/13/2024	11/13/2025	Non-Reimbursable	\$198,366.50	LaRC	34436, Annex 5

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
859	41901	BNNT, LLC	DEVELOPMENT AND OPTIMIZATION OF BORON NITRIDE AND BORON CARBON NITRIDE NANOTUBES	12/3/2024	9/30/2027	Non-Reimbursable	\$55,389.53	LaRC	SAA1-41900, Annex 1
860	41900	BNNT, LLC	DEVELOPMENT AND OPTIMIZATION OF BORON NITRIDE NANOTUBES AND BORON CARBON NITRIDE NANOTUBES	12/3/2024	12/3/2029	Non-Reimbursable	\$0.00	LaRC	SAA1-41900
861	41667	Truventic, LLC	HUMAN LANDING SYSTEM PLUME SURFACE INTERACTION GROUND TEST	10/23/2024	9/30/2025	Non-Reimbursable	\$123,268.48	LaRC	SAA1-41667
862	41638	University Corporation for Atmospheric Research	Satellite Data Provision for the CAESAR Field Campaign	11/25/2024	5/25/2025	Reimbursable		LaRC	SAA1-41638
863		VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	Research for Innovative Approaches to Plan, Implement and Measure Progress for Transformation and Artificial Intelligence	10/28/2024	10/28/2026	Non-Reimbursable	\$65,900.67	LaRC	SAA1-36204
864	41518	UNITED LAUNCH ALLIANCE, LLC	VERA Splashdown Analysis	9/16/2024	9/15/2025	Reimbursable		LaRC	SAA1-37876, Annex 3

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
865	41407	Old Dominion University	Environmental Testing of Student Developed University CUBESAT Payloads for Future Orbital Launch	10/23/2024	9/30/2025	Non-Reimbursable	\$79,975.42	LaRC	SAA1-34376, Annex 7
866	41258	Electra Aero, Inc	Demonstration of Electra Aero's Hybrid-Electric Short Takeoff and Landing (eSTOL) Vehicle	7/12/2024	1/12/2025	Non-Reimbursable	\$14,768.55	LaRC	36577, Annex 2
867	41170	Innoveering, LLC	Direct Connect Liquid Fuel Ramjet Testing	9/26/2024	9/26/2025	Reimbursable		LaRC	SAA1-41170
868	41163	Joby Aero, Inc.	Stimuli Support with Joby for Varied Advanced Air Mobility Noise and Geographic Area Response Difference Test	8/8/2024	8/8/2026	Non-Reimbursable	\$14,852.22	LaRC	403721, Annex 3
869	41145	MRA Systems, LLC	Investigation of Novel Acoustic Liner Facesheets	12/13/2024	12/13/2026	Non-Reimbursable	\$44,274.72	LaRC	SAA1-41144
870	41144	MRA Systems, LLC	Investigation of Novel Acoustic Liners	12/13/2024	12/13/2029	Non-Reimbursable	\$0.00	LaRC	SAA1-41144

ROW NO	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
871		A.L. Philpott Manufacturing Extension Partnership d/b/a GENEDGE Alliance	Manufacturing Industry Day with NASA and GENEDGE	8/19/2024	8/19/2025	Non-Reimbursable	\$17,346.00	LaRC	SAA1-41136
872	41095	Wisk Aero, LLC	Stimuli Support for Varied Advanced Air Mobility Noise and Geographic Area Response Difference Test	12/11/2024	10/22/2025	Non-Reimbursable	\$14,852.22	LaRC	34436, Annex 4
873	41001	Lawrence Livermore National Security, LLC	High Temperature Environmental Materials Testing	7/24/2024	1/13/2026	Reimbursable		LaRC	SAA2-403582, Annex 5
874	40931	Northrop Grumman Corporation	CHITOSE COMBUSTION AIR HEATER (CAH) TESTING	10/23/2024	9/30/2025	Reimbursable		LaRC	SAA2-403514, Annex 8
875	40917	MRA Systems, LLC	Investigation of Modern Manufacturing Process on Acoustic Liner Facesheet Performance	12/13/2024	12/13/2025	Reimbursable		LaRC	SAA1-40916
876	40916	MRA Systems, LLC	Investigation of Modern Manufacturing Process on Acoustic Liners	12/13/2024	12/13/2029	Reimbursable		LaRC	SAA1-40916

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
877	40894	UNITED LAUNCH ALLIANCE, LLC	Continuation of VERA Preliminary Design Efforts	6/4/2024	6/30/2025	Reimbursable		LaRC	SAA1-37876, Annex 2
878	40821	Cerebral Energy LLC	Feasibility of Energy Storage Systems	5/10/2024	6/16/2025	Reimbursable		LaRC	SAA1-40821
879	40820	National Institute of Aerospace	Q-Alpha	8/6/2024	2/6/2025	Reimbursable		LaRC	SAA1-31764, Annex 6
880	40817	BLUE ORIGIN, LLC	SCIFLI NEW GLENN LIVESTREAMING MISSION	9/18/2024	9/18/2025	Reimbursable		LaRC	SAA8-2235543, Annex 9
881	40816	ENVOY AIR, INC.	COMMERCIAL AIR OPERATOR IN-TIME AVIATION SAFETY MANAGEMENT AND SAFETY INTELLIGENCE	8/5/2024	8/5/2029	Non-Reimbursable	\$764,432.00	LaRC	SAA1-40816
882	40653	ANRA TECHNOLOGIES, LLC	Unmanned Aircraft Systems (UAS) Service Research and Evaluation	8/22/2024	9/30/2026	Non-Reimbursable	\$326,646.00	LaRC	SAA1-40653

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
883	40249	The Boeing Company	Shape Memory Alloy Remote Control Actuation (SMARCA) IV	5/14/2024	3/30/2027	Non-Reimbursable	\$2,987,849.65	LaRC	SAA1-35361, Annex 6
884	40228	Sierra Turbines	Machine Learning Applications for Quantification of SansEC Data	5/7/2024	12/31/2025	Non-Reimbursable	\$20,871.00	LaRC	SAA1-40228
885	40224	ResCon Technologies, LLC	Machine Learning Applications for Quantification of SansEC Data	5/17/2024	12/31/2025	Non-Reimbursable	\$20,071.00	LaRC	SAA1-40224
886	40221	Supreme Corporation	Machine Learning Applications for Quantification of SansEC Data	6/13/2024	12/31/2025	Non-Reimbursable	\$20,071.00	LaRC	SAA1-40221
887	40083	MICHIGAN TECHNOLOGICAL UNIVERSITY	Exploration of Extended-Reaction Liners for Reduction of Broadband Fan Noise on Commercial Aircraft	3/6/2024	9/6/2025	Non-Reimbursable	\$35,333.00	LaRC	SAA1-40082 Annex 1
888	40082	MICHIGAN TECHNOLOGICAL UNIVERSITY	Exploration of Metamaterial Acoustic Liners and the Potential of their Application on Commercial Aircraft	3/6/2024	3/6/2029	Non-Reimbursable	\$0.00	LaRC	SAA1-40082

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
889	40080	AeroX, Inc.	Collaborative Research for Creating a National Model Ecosystem for Advanced Air Mobility	5/28/2024	5/28/2026	Non-Reimbursable	\$296,734.00	LaRC	SAA1-40080
890	40053	Northrop Grumman Corporation	RAMJET INLET DEVELOPMENT	12/19/2023	1/20/2025	Reimbursable		LaRC	SAA2-403514, Annex 7
891	40036	NORTHROP GRUMMAN	Collaboration on C/SiC Test Articles	4/23/2024	4/23/2026	Non-Reimbursable	\$471,545.00	LaRC	SAA1-40036
892	40032	Old Dominion University	Inverse Problems for Nondestructive Evaluation to Support Qualification and Certification of Advanced Aerospace Hardware	2/7/2024	5/3/2026	Non-Reimbursable	\$7,693.00	LaRC	SAA1-34376, Annex 5
893	40018	Sierra Space Corporation	Acoustic Liner Design for LIFE Habitat Fan Noise Reduction	4/9/2024	10/9/2025	Non-Reimbursable	\$61,474.00	LaRC	SAA1-40017 Annex 1
894	40017	Sierra Space Corporation	Fan Noise Reduction for LIFE Habitat	4/9/2024	4/9/2029	Non-Reimbursable	\$0.00	LaRC	SAA1-40017

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
895	40007	Supernal, LLC - U.S.A.	Los Angeles Airspace Analysis	1/23/2024	1/23/2026	Reimbursable		LaRC	SAA1-40006, Annex 1
896	40006	Supernal, LLC - U.S.A.	Test and Evaluation of Urban Air Mobility Operations in Complex Airspace	1/23/2024	1/23/2029	Reimbursable		LaRC	SAA1-40006
897	39645	SKYGRID, LLC	EMERGING AVIATION OPERATIONS WITH INCREASINGLY AUTONOMOUS SYSTEMS	12/14/2023	12/14/2026	Non-Reimbursable	\$72,646.00	LaRC	SAA1-39645
898	39502	Zeno Power Systems, LLC	Harmonia: A Universal Americium-241 Radioisotope Power Supply for Artemis	7/20/2023	7/20/2028	Funded	\$15,000,010.00	LaRC	FSAA-39502
899	39501	PROTOINNOVATIONS, LLC	The Mobility Coordinator: An Onboard COTS Software Architecture for Sustainable, Safe, Efficient, and Effective Lunar Surface Mobility Operations		7/20/2028	Funded	\$6,174,917.00	LaRC	FSAA-39501
900	39500	Freedom Photonics, LLC	Highly Efficient Watt-Class Direct Diode LIDAR for Remote Sensing	7/20/2023	7/19/2028	Funded	\$1,556,378.00	LaRC	FSAA-39500

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
901	39497	ASTROBOTIC TECHNOLOGY, INC	LunaGrid-Lite: Demonstration of Tethered, Scalable Lunar Power Transmission	7/20/2023	7/20/2028	Funded	\$34,629,427.00	LaRC	FSAA-39497
902	39419	Big Metal Additive, LLC	Improving Cost and Availability of Space Habitat Structures with Additive Manufacturing	7/20/2023	7/20/2028	Funded	\$5,350,580.00	LaRC	FSAA-39419
903	39400	BLUE ORIGIN, LLC	ISRU-Based Power on the Moon	7/20/2023	7/20/2028	Funded	\$34,723,195.00	LaRC	FSAA-39400
904	39241	AIBOT US Supply, Inc.	Flight-Test System Identification for Electric Vertical Take-Off and Landing (eVTOL) Aircraft	9/29/2023	9/29/2025	Non-Reimbursable	\$229,569.00	LaRC	SAA1-39241
905	39196	WICHITA STATE UNIVERSITY	Advancement of Composite Cryotank Technology	9/29/2023	9/30/2025	Non-Reimbursable	\$55,055.00	LaRC	SAA1-39196
906	39173	National Institute of Aerospace	Receptivity and Transition over Blunt Configurations under Noisy and Quiet Hypersonic Conditions	6/7/2024	7/17/2025	Reimbursable		LaRC	SAA1-31764, Annex 5

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
907	341311	Governors School for Science and Technology	STEM Education Collaboration	10/6/2023	10/6/2026	Non-Reimbursable	\$67,070.00	LaRC	SAA1-39130
908	39110	The Boeing Company	Model Assisted Probability of Detection for Structural Health Monitoring for Aircraft Structures	6/21/2024	6/21/2025	Non-Reimbursable	\$13,205.00	LaRC	SAA1-35361, Annex 5
909	38975	Lockheed Martin	HYPERSONIC HEATPIPE AEROSTRUCTURE DEMONSTRATOR (HyPAD)	1/4/2024	1/4/2026	Reimbursable		LaRC	SAA1-32707, Annex 3
910	38942	Sierra Space Corporation	Collaboration on Development of Ceramic Matrix Composite Structures for Reentry Vehicles.	9/12/2023	9/12/2026	Non-Reimbursable	\$458,777.00	LaRC	SAA1-38941, Annex 1
911	38941	Sierra Space Corporation	COLLABORATIVE RESEARCH AND DEVELOPMENT IN THE AREA OF HYPERSONIC TECHNOLOGIES.	9/12/2023	9/12/2028	Non-Reimbursable	\$0.00	LaRC	SAA1-38941
912	38691	George Mason University	Interatomic Potential Development for Atomistic Simulations	4/10/2024	4/10/2029	Non-Reimbursable	\$177,083.19	LaRC	SAA1-38690, Annex 1

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
913	38690	George Mason University	Atomistic Modeling of Additively-Manufactured Alloys	4/10/2024	4/10/2029	Non-Reimbursable	\$0.00	LaRC	SAA1-38690
914	38659	The Boeing Company	2023 Boeing ecoDemonstrator Emissions Flight Test	9/27/2023	9/27/2025	Non-Reimbursable	\$2,617,415.00	LaRC	SAA1-35361, Annex 2
915	38658	General Electric Aerospace	2023 ecoDemonstrator Emissions Flight Test	7/28/2023	7/28/2026	Reimbursable		LaRC	SAA1-38658
916	38508	Rohr, Inc.	Advanced Acoustic Liner Research	6/2/2023	6/2/2028	Reimbursable		LaRC	SAA1-38508
917	38098	INTUITIVE MACHINES, LLC	Earth Entry Vehicle Support	1/26/2023	1/26/2028	Reimbursable		LaRC	SAA1-38098
918	38060	MathWorks	Custom Flight Control Law Integration into a Subscale eVTOL Aircraft	4/6/2023	9/30/2025	Non-Reimbursable	\$198,884.00	LaRC	SAA1-38060

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
919	37972	INTEL CORPORATION	Fabrication of Copper and Diamond Composite Test Samples	3/14/2023	3/14/2025	Reimbursable		LaRC	SAA1-32088, Annex 2
920	37877	UNITED LAUNCH ALLIANCE, LLC	HIAD DEVELOPMENT TO MISSION PDR LEVEL	12/12/2022	1/31/2025	Reimbursable		LaRC	SAA1-37876, Annex 1
921	37876	UNITED LAUNCH ALLIANCE, LLC	COMMERCIAL SPACE TRANSPORTATION DEVELOPMENT SUPPORT	12/12/2022	12/12/2027	Reimbursable		LaRC	SAA1-37876
922	3/81/1	JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	Advanced Cooling Architectures Wind Tunnel Experiments	3/21/2023	9/30/2025	Non-Reimbursable	\$262,741.00	LaRC	SAA1-37803, Annex 1
923		JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	BOUNDARY LAYER TRANSITION (BOLT) AND BOLT DERIVATIVE RESEARCH COLLABORATION	3/21/2023	3/21/2028	Non-Reimbursable	\$0.00	LaRC	SAA1-37803
924	37676	Lockheed Martin	Computational Materials-Informed Qualification and Certification	8/29/2023	8/29/2028	Non-Reimbursable	\$262,115.00	LaRC	SAA1-37675, Annex 1

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
925	37675	Lockheed Martin	Capabilities to Support Development and Acceptance of Advanced Manufacturing	8/29/2023	8/29/2028	Non-Reimbursable	\$0.00	LaRC	SAA1-37675
926	37623	Raytheon Company	AEROHEATING IN THE LANGLEY AEROTHERMODYNAMIC LABORATORY	11/17/2022	12/1/2025	Reimbursable		LaRC	SAA1-37623
927	37557	Joby Aero, Inc	Collaboration with Joby, Inc. on Aerospace Technologies for Integrated Airspace Operations for Urban Air Mobility (UAM)	3/9/2023	5/9/2027	Non-Reimbursable	\$476,202.00	LaRC	SAA2-403660, Annex 2
928	37517	Hampton University	Polarimetry Studies	4/20/2023	4/20/2025	Non-Reimbursable	\$139,795.00	LaRC	SAA1-37493, Annex 2
929	37494	Hampton University	Lidar Studies	4/20/2023	4/20/2025	Non-Reimbursable	\$182,117.00	LaRC	SAA1-37493, Annex 1
930	37493	Hampton University	Collaboration Research, Development, and Testing	4/20/2023	4/20/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-37493

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
931	37351	ROLLS-ROYCE CORP	Hypersonic Propulsion Mission Analysis	2/26/2024	2/26/2025	Non-Reimbursable	\$55,285.00	LaRC	SAA1-37350, Annex 1
932	37350	ROLLS-ROYCE CORP	Hypersonic Propulsion Research, Development, and Collaboration	2/26/2024	2/26/2029	Non-Reimbursable	\$0.00	LaRC	SAA1-37350
933	37320	UNIVERSITY OF MARYLAND	SUPPORT OF FLUID-THERMAL-STRUCTURE INTERACTIONS TESTING, PART 1, IN LARC-LAL HYPERSONIC BLOW-DOWN WIND TUNNELS	2/13/2024	2/13/2026	Non-Reimbursable	\$418,329.00	LaRC	SAA1-37319, Annex 1
934	37319	UNIVERSITY OF MARYLAND	HYPERSONIC SHOCKWAVE BOUNDARY LAYER FLUID-THERMAL-STRUCTURE INTERACTIONS TECHNOLOGY DEVELOPMENT	2/13/2024	2/13/2029	Non-Reimbursable	\$0.00	LaRC	SAA1-37319
935	37294	uAvionix Corporation	NASA and uAvionix UAS C2 Collaboration	2/23/2023	2/23/2025	Non-Reimbursable	\$79,542.00	LaRC	SAA1-37294
936	36944	AEROJET ROCKETDYNE, INC	RESEARCH AND DEVELOPMENT IN THE AREA OF HYPERSONIC TECHNOLOGIES	8/11/2022	8/11/2027	Reimbursable		LaRC	SAA1-36944

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
937	36938	SIERRA NEVADA CORPORATION	THERMAL MODELING, ANALYSIS, AND TESTING SUPPORT	7/12/2022	12/31/2024	Reimbursable		LaRC	Task Plan 006 (36938)
938	36890	Honeywell International Inc.	Exploration of acoustic liner technology to enable quieter aircraft	7/1/2022	6/30/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-36890
939		Port Authority of New York and New Jersey	Concepts of Operation (ConOps) and Airspace Procedure Investigations for UAM in New York City	2/17/2023	2/16/2028	Non-Reimbursable	\$767,172.00	LaRC	SAA1-36825, Annex 1
940	30825	Port Authority of New York and New Jersey	Urban Air Mobility (UAM) and Advanced Air Mobility (AAM) Exploratory Research for New York City	2/17/2023	2/16/2028	Non-Reimbursable	\$0.00	LaRC	SAA1-36825
941	36475	TUFTS UNIVERSITY	COLLABORATIVE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	4/26/2022	4/26/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-36475
942	36469	Raytheon Technologies Corporation	Design, Development, and Assessment of Noise Reduction Technology for Quiet Aircraft	6/22/2022	12/31/2024	Non-Reimbursable	\$34,882.00	LaRC	SAA1-36468, Annex 1

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
943	36468	Raytheon Technologies Corporation	Metamaterial-Based Acoustic Liner Design Methods	6/22/2022	6/21/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-36468
944	36450	Outpost Technologies Corporation	DESIGN AND FABRICATION OF A HIAD TO ENABLE RETURN AND RECOVERY OF SATELLITES FOR REUSE	8/9/2022	8/9/2027	Reimbursable		LaRC	SAA1-36450
945		VENUS AEROSPACE CORPORATION	High Mach Aircraft Research, Development and Collaboration	3/24/2023	3/24/2025	Non-Reimbursable	\$253,610.00	LaRC	SAA1-36428, Annex 1
946	36478	VENUS AEROSPACE CORPORATION	HYPERSONIC AIRCRAFT & ROCKET PROPULSION RESEARCH, DEVELOPMENT, AND COLLABORATION		3/24/2028	Non-Reimbursable	\$0.00	LaRC	SAA1-36428
947		University of Arizona Applied Research Corporation	COLLABORATIVE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	5/23/2022	5/23/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-36330
948	36327	The Longbow Group, LLC	Evaluation of Prognostic Services for Autonomous Air Vehicles in Urban Environments	4/29/2022	4/29/2025	Non-Reimbursable	\$457,165.00	LaRC	SAA1-34272, Annex 2

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
949	36302	Newport News Public School District	Fabrication of Wood Shipping Crates and Reduced Gravity Gloveboxes	3/22/2022	9/30/2026	Non-Reimbursable	\$34,268.00	LaRC	SAA1-36296, Annex 2
950	36297	Newport News Public School District	Fabrication of Storage Lockers for the International Space Station (ISS)	3/17/2022	9/30/2026	Non-Reimbursable	\$34,268.00	LaRC	SAA1-36296, Annex 1
951	36296	Newport News Public School District	High Schools United with NASA to Create Hardware (HUNCH) Program	3/17/2022	3/17/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-36296
952	36277	The Boeing Company	SYSTEM-WIDE SAFETY RESEARCH	5/24/2022	5/24/2026	Non-Reimbursable	\$539,092.00	LaRC	SAA1-33523, Annex 2
953	36252	University of Nebraska - Lincoln	COLLABORATIVE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	6/6/2022	6/6/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-36252
954		VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	COLLABORATIVE RESEARCH, DEVELOPMENT, AND TESTING OPPORTUNITIES	8/15/2022	8/15/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-36204

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
955	36136	Honeybee Robotics, Ltd	Evaluation of Passive Lunar Dust Mitigation Materials in the PlanetVac Collection Chamber	4/18/2022	3/31/2025	Non-Reimbursable	\$25,777.00	LaRC	SAA1-36136
956	36115	RAYTHEON COMPANY	BOLT and BOLT-Derivative Research Collaboration	5/6/2022	9/30/2025	Non-Reimbursable	\$737,395.00	LaRC	SAA1-36114, Annex 1
957	36114	RAYTHEON COMPANY	HYPERSONIC TECHNOLOGIES RESEARCH, DEVELOPMENT & TESTING	5/6/2022	5/6/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-36114
958	100010	Raytheon Technologies Intelligence and Space	Optical Remote Sensing for Space Applications in Robotics and Surveillance	12/17/2021	12/17/2026	Reimbursable		LaRC	SAA1-35810
959	35777	Psionic, LLC	Subject Matter Expertise Support for Commercialization of Navigation Doppler Lidar Generation 4 Technology	12/13/2021	12/31/2024	Reimbursable		LaRC	SAA1-35776, Annex 1
960	35776	Psionic, LLC	Space Technology Commercialization for Measurement and Materials Applications	12/13/2021	12/13/2026	Reimbursable		LaRC	SAA1-35776

ROW NC	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
961	35643	North Carolina State University	Optimization, Multifunctionality, and Active Control of Deployable Composite Structures, Annex 1	1/28/2022	1/28/2026	Non-Reimbursable	\$2,352,564.00	LaRC	SAA1-35642, Annex 1
962	35642	North Carolina State University	Optimization, Multifunctionality, and Active Control of Deployable Composite Structures	1/28/2022	1/28/2026	Non-Reimbursable	\$0.00	LaRC	SAA1-35642
963	35566	University of Texas at El Paso	Evaluation of Additive Manufacturing Print Quality via Standardized Test Artifact	1/20/2022	1/20/2027	Non-Reimbursable	\$138,810.00	LaRC	SAA1-35566
964	35362	The Boeing Company	ecoDemonstrator Emissions Testing	5/4/2022	5/4/2025	Non-Reimbursable	\$509,681.00	LaRC	SAA1-35361, Annex 1
965	35361	The Boeing Company	Aerospace Research Development	5/4/2022	5/4/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-35361
966	35097	Old Dominion University	Annex to Collaboration Research, Development, and Testing	8/19/2021	12/31/2024	Non-Reimbursable	\$9,027.00	LaRC	SAA1-34376, Annex 4

ROW NO	D. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
967	34765	TEXAS A&M UNIVERSITY	Hypervelocity impact (HVI), and High Velocity Microparticle Impact (HVMI) testing	1/18/2022	1/31/2026	Non-Reimbursable	\$385,882.00	LaRC	SAA1-34764, Annex 1
968	34764	TEXAS A&M UNIVERSITY	COLLABRITIVE RESEARCH AND DEVELOPMENT IN THE AREA OF HYPERSONIC TECHNOLOGIES	1/18/2022	1/18/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-34764
969	34717	Massachusetts Institute of Technology	Self-Erectable Lunar Tower for Instrument (SELTI) Development	7/6/2021	9/30/2025	Non-Reimbursable	\$1,151,430.58	LaRC	SAA1-34717
970	34377	Old Dominion University	Visual Attention Allocation and Trust in Human- Autonomy Teaming	5/3/2021	5/3/2026	Non-Reimbursable	\$527,702.00	LaRC	SAA1-34376, Annex 1
971	34376	Old Dominion University	Collaboration Research, Development, and Testing	5/3/2021	5/3/2026	Non-Reimbursable	\$0.00	LaRC	SAA1-34376
972	34287	Arizona State University	Collaborative Aerospace Research and Outreach	4/5/2021	4/5/2026	Non-Reimbursable	\$0.00	LaRC	SAA1-34287

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
973	34272	The Longbow Group, LLC	Unmanned Systems Collaborative testing at Fort Monroe	4/12/2021	4/12/2026	Non-Reimbursable	\$0.00	LaRC	SAA1-34272
974		MATERIALS RESEARCH AND DESIGN, INC	Carbon/Carbon Aeroshell Testing to Delay Hypersonic Boundary-Layer Transition	2/9/2022	12/31/2025	Non-Reimbursable	\$245,701.00	LaRC	SAA1-34241
975	34215	Stevens Institute of Technology	Boundary Layer Measurements with Advanced Diagnostics	5/4/2021	9/30/2025	Non-Reimbursable	\$302,727.00	LaRC	SAA1-34215
976	33524	The Boeing Company	Integration, Demonstration and Exploration of Autonomous Systems	2/7/2022	2/7/2025	Non-Reimbursable	\$215,012.00	LaRC	SAA1-33523, Annex 1
977	33523	The Boeing Company	Aerospace Research Technology, Development, Testing and Evaluation	2/7/2022	2/7/2027	Non-Reimbursable	\$0.00	LaRC	SAA1-33523
978	33356	OptoKnowledge Systems, Inc.	HYMETS TESTING USING REMOTE SPECTRAL SENSORS	1/4/2021	9/30/2025	Reimbursable		LaRC	SAA1-33356

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
979	33328	Hexcel Corporation	Investigation of Manufacturing Techniques for Novel Acoustic Liners	9/15/2020	9/15/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-33328
980	33199	SkyCorp, Inc.	Skycorp Orbital Logistics Vehicle	3/1/2021	3/1/2026	Reimbursable		LaRC	SAA1-33199
981	32988	Texas A&M University	System-Wide Safety Research in Advanced Air Mobility (AAM)	3/16/2021	3/16/2026	Non-Reimbursable	\$328,412.00	LaRC	SAA1-32987, Annex 1
982	32987	Texas A&M University	Advanced Air Mobility Research and Testing	3/16/2021	3/16/2026	Non-Reimbursable	\$0.00	LaRC	SAA1-32987
983	32809	IKONICS Corporation	Investigation of Liner Facesheet Manufacturing Innovations	8/13/2020	8/13/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-32809
984	32792	Radford University	Collaboration between NASA and Radford University's Modeling and Simulation Institute	8/3/2020	8/3/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-32792

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
985	32707	Lockheed Martin	Wind Tunnel Testing	4/12/2021	4/12/2026	Reimbursable		LaRC	SAA1-32707
986	32662	Mississippi State University	Cooperative Stitched Composite Structures Development and Characterization	10/2/2020	10/2/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-32662
987	32643	University of California San Diego	COLLABORATIVE AEROSPACE RESEARCH AND OUTREACH	11/17/2020	11/17/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-32643
988	32601	Purdue University	COLLABORATIVE AEROSPACE RESEARCH AND OUTREACH	7/16/2020	7/16/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-32601
989	32576	Carnegie Mellon University	Carnegie Melon University (CMU) Collaboration with NASA LaRC on the Research and Development of the Qualification of Additively Manufactured Parts	9 7/13/2020	7/13/2025	Non-Reimbursable	\$675,580.00	LaRC	SAA1-32576
990	32508	UNIVERSITY OF NORTH DAKOTA	Investigation of Novel Wear-Resistant Materials for Space Applications	7/24/2020	7/24/2025	Non-Reimbursable	\$39,258.00	LaRC	SAA1-32507-Annex 1

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
991	32507	UNIVERSITY OF NORTH DAKOTA	Collaborative Aerospace and Research	7/24/2020	7/24/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-32507
992	32449	L3 TECHNOLOGIES, INC.	Aerospace Research Development Testing and Evaluation Support	12/15/2020	12/15/2025	Reimbursable		LaRC	SAA1-32449
993		THE VIRGINIA AIR AND SPACE CENTER AND CITY OF HAMPTON	A Joint Public Lecture Series Entitled The Sigma Series	6/12/2020	6/12/2025	Non-Reimbursable	\$105,598.00	LaRC	SAA1-32298
994	32242	University of North Carolina at Chapel Hill	Mentoring for Commercializing Emerging Technologies Studies	8/10/2021	8/10/2026	Non-Reimbursable	\$9,313.00	LaRC	SAA1-32242
995	37166	VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY	Air Quality Monitoring Site	8/13/2020	8/13/2025	Non-Reimbursable	\$47,380.00	LaRC	IA1-32166
996	32088	INTEL CORPORATION	Development of high thermal conductivity material for next generation processors	8/17/2021	8/17/2026	Reimbursable		LaRC	SAA1-32088

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
997			- Composites NDE standards library and database administration	4/24/2020	4/24/2025	Non-Reimbursable	\$23,548.00	LaRC	SAA1-32044
998	32036	Hermeus Corporation	Aerospace Research, Development and Testing	11/9/2020	11/9/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-32036
999	31974	TEXAS A&M UNIVERSITY	Boundary Layer Turbulence (BOLT) Flight II Experiments	4/23/2021	9/30/2026	Non-Reimbursable	\$256,604.00	LaRC	SAA1-31974
1000	31764	National Institute of Aerospace	RESEARCH, EDUCATIONAL OUTREACH, AND TESTING ACTIVITIES	7/17/2020	7/17/2025	Reimbursable		LaRC	SAA1-31764
1001	31663		COLLABORATION FOR RESEARCH, DEVELOPMENT AND TESTING FOR THE COMMERCIALIZATION OF HIGH MACH AIRCRAFT	3/20/2020	3/20/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-31663
1002	30706	MOOG, INC	AEROSPACE RESEARCH TECHNOLOGY AND DEVELOPMENT	1/18/2020	1/18/2025	Non-Reimbursable	\$0.00	LaRC	SAA1-30706

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1003	29851	Exothermics, Inc.	Thermochemical Response of UHT Hypersonic Leading-Edge Candidates	3/26/2019	9/30/2025	Reimbursable		LaRC	SAA1-29851
1004	42273	Blue Origin	Materials Testing for Space Nuclear Propulsion	12/19/2024	12/19/2025	Reimbursable		MSFC	SAA8-2442273
1005	42211	United Launch Alliance	ULA PLF Sep Shock Testing	12/19/2024	9/30/2025	Reimbursable		MSFC	SAA8-1726580.26
1006	42160	LOCKHEED MARTIN	Photogrammetry support for subscale burst test of habitation module	12/11/2024	8/11/2025	Reimbursable		MSFC	SAA8-2134592.19
1007	42066	LOCKHEED MARTIN	Lockheed Martin MENTOS Test @ HGF	11/15/2024	11/15/2025	Reimbursable		MSFC	SAA8-2134560.9
1008	42029	SHELL INTERNATIONAL EXPLORATION AND PRODUCTION, INC	annex to DEVELOPMENT AND CHARACTERIZATION OF LIQUID HYDROGEN STORAGE, TRANSFER, AND TRANSPORTATION TECHNOLOGIES	12/16/2024	12/16/2025	Reimbursable		MSFC	SAA8-2338064.5

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1009	42027	Systima Technologies Inc.	Karman SD TPS Testing	11/12/2024	11/12/2025	Reimbursable		MSFC	SAA8-2442026.1
1010	42026	Systima Technologies Inc.	EXCHANGE OF TECHNICAL EXPERTISE FOR AEROSPACE ENGINEERING APPLICATIONS	11/12/2024	11/12/2029	Reimbursable		MSFC	SAA8-2442026
1011	42013	Cellco Partnership d/b/a Verizon Wireless	Demand Services to Support License for Use of Bldg 4476	11/20/2024	11/20/2025	Reimbursable		MSFC	SAA8-2442013
1012	42012	Ursa Major Technologies Inc.	Exchange of Technical Expertise for Commercial Space Exploration	12/20/2024	10/20/2025	Reimbursable		MSFC	SAA8-2442011.1
1013	42011	Ursa Major Technologies Inc.	Exchange of Technical Expertise for Commercial Space Exploration□	12/20/2024	12/20/2029	Reimbursable		MSFC	SAA8-2442011
1014	41994	LOCKHEED MARTIN	Photogrammetry support of subscale burst test for inflatable airlock	12/11/2024	8/11/2025	Reimbursable		MSFC	SAA8-2134592.17

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1015	41988	University of New Hampshire	UNH Instrument Testing	12/3/2024	10/3/2025	Reimbursable		MSFC	SAA8-2441870.1
1016	41870	University of New Hampshire	UNH Instrument Testing	12/3/2024	12/3/2025	Reimbursable		MSFC	SAA8-2441870
1017	41856	United Launch Alliance	Testing of ULA LEAP/Smart Prop H202 thrusters at CDA	11/25/2024	9/25/2025	Reimbursable		MSFC	SAA8-1726580.24
1018	41818	United Launch Alliance	ULA PLF Sep-Shock Analysis	10/21/2024	10/21/2025	Reimbursable		MSFC	SAA8-1726580.22
1019	41712	United Launch Alliance	annex to Launch Vehicle Manufacturing and Test Support	10/18/2024	10/18/2025	Reimbursable		MSFC	SAA8-1726580.20
1020	41648	MaxSpace	Subject Matter Expert (SME) Support for Inflatable Softgoods Development and Certification	11/13/2024	11/13/2026	Reimbursable		MSFC	SAA8-2441647.1

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1021	41647	MaxSpace	Inflatable Softgoods Development	11/13/2024	11/13/2029	Reimbursable		MSFC	SAA8-2441647
1022	41634	Lockheed Martin Space	CPS Particle Impact Erosion	11/6/2024	6/24/2025	Reimbursable		MSFC	SAA8-2032638.3
1023	41566	C2 Acquisitions II, LLC	South Star Music Festival	9/23/2024	3/23/2025	Non-Reimbursable	\$8,383.14	MSFC	SAA8-2441566
1024	41561	University of Alabama	Investigate design and hardware/software solutions for various projects including but not limited to the Kinematic Navigation and Cartography Knapsack (KNaCK) mobile LIDAR Navigation Project.		10/30/2026	Non-Reimbursable	\$149,050.02	MSFC	SAA8-2441164.2
1025	41481	NEXOLVE	Annex to Space Environmental Effects Testing on Materials	9/9/2024	9/9/2025	Reimbursable		MSFC	SAA8-2440883.2
1026	41469	HALO Engines	HALO Engines RDRE Hardware Development	11/25/2024	11/25/2025	Reimbursable		MSFC	SAA8-2441468.1

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1027	41468	HALO Engines	HALO Engines RDRE Hardware Development	11/25/2024	11/25/2029	Reimbursable		MSFC	SAA8-2441468
1028	41281	BLUE ORIGIN, LLC	DEMAND SERVICES AND GENERAL SUPPORT TO TEST STAND 4670	10/8/2024	6/27/2029	Reimbursable		MSFC	SAA8-2440591.2
1029	41165	University of Alabama	Guidance, Navigation, and Control (GNC) solutions for lunar and planetary mission designs	9/12/2024	9/12/2026	Non-Reimbursable	\$149,050.02	MSFC	SAA8-2441164.1
1030	41164	University of Alabama	UAH Space Exploration Technology Development	9/12/2024	9/12/2029	Non-Reimbursable	\$0.00	MSFC	SAA8-2441164
1031	41071	BWXT Advanced Technologies, LLC.	BWXT DRACO Integrated Fuel Assembly Test Series	12/19/2024	5/19/2025	Reimbursable		MSFC	SAA8-2337919.2
1032	41017	Northrop Grumman Systems Corporation	Annex to Space Environmental Effects Testing	8/21/2024	8/21/2026	Reimbursable		MSFC	SAA8-2339327.2

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1033	40962	UNIVERSITY OF ALABAMA	Centennial Challenges LunaRecycle Challenge	6/21/2024	6/21/2028	Non-Reimbursable	\$2,012,271.19	MSFC	SAA8-2440962
1034	40899	Rocket Lab USA, Inc.	Solar Array Thermal Runaway and Electrostatic Discharge Testing	7/23/2024	7/23/2025	Reimbursable		MSFC	SAA8-2135703.6
1035	40886	Redwire Space Systems, Inc.	Ultraviolet Radiation Test on Materials	7/1/2024	7/1/2026	Reimbursable		MSFC	SAA8-2440885.1
1036	40885	Redwire Space Systems, Inc.	Space Environmental Effects Testing of Materials	7/1/2024	7/1/2029	Reimbursable		MSFC	SAA8-2440885
1037	40884	NEXOLVE	Space Environmental Effects Testing on RCD	9/5/2024	9/5/2026	Reimbursable		MSFC	SAA8-2440883.1
1038	40883	NEXOLVE	Space Environmental Effects Testing on Materials	9/5/2024	9/5/2029	Reimbursable		MSFC	SAA8-2440883

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1039	40846	OFFWORLD, INCORPORATED	LUNAR RESOURCE EXTRACTION MISSIONS SUPPORT	6/26/2024	6/26/2025	Reimbursable		MSFC	SAA8-2440845.1
1040	40845	OFFWORLD, INCORPORATED	LUNAR RESOURCE EXTRACTION MISSIONS SUPPORT	6/26/2024	6/26/2029	Reimbursable		MSFC	SAA8-2440845
1041	40704	Antares Nuclear, Inc.	Development and Test of an Electrically-Heated Heat Pipe-Cooled Nuclear Reactor Demonstrator⊡	6/19/2024	7/19/2025	Reimbursable		MSFC	SAA8-2440703.1
1042	40703	Antares Nuclear, Inc.	Support of Microreactor Development	6/19/2024	6/19/2029	Reimbursable		MSFC	SAA8-2440703
1043	40690	Weldaloy Products Company	Mechanical Properties of Titanium Alloy in Liquid Hydrogen	6/10/2024	6/10/2026	Reimbursable		MSFC	SAA8-2440689.1
1044	40689	Weldaloy Products Company	Materials Engineering Analysis and Testing	6/10/2024	6/10/2029	Reimbursable		MSFC	SAA8-2440689

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1045	40687	LOCKHEED MARTIN	annex for testing of inflatable softgoods to support commercial space systems	5/17/2024	5/17/2025	Reimbursable		MSFC	SAA8-2134560.7
1046	40636	BLUE ORIGIN, LLC	Waterflow Test for BE-7	5/23/2024	5/31/2025	Reimbursable		MSFC	SAA8-1931648.5
1047	40607	Raytheon Technologies	Raytheon Frosted Flakes Risk Reduction Test	4/4/2024	4/4/2025	Reimbursable		MSFC	SAA8-2236871
1048	40596	Memphis Museums Inc.	Museum of Science & History to display Space Shuttle Legacy Conquering Low Eart Orbit exhibit	7/1/2024	7/1/2026	Non-Reimbursable	\$7,442.50	MSFC	SAA8-2440595.1
1049	40595	Memphis Museums Inc.	Museum of Science & History Host NASA Exhibits	7/1/2024	7/1/2029	Non-Reimbursable	\$0.00	MSFC	SAA8-2440595
1050	40592	BLUE ORIGIN, LLC	DEMAND SERVICES AND GENERAL SUPPORT TO TEST STAND 4670	6/27/2024	6/27/2029	Reimbursable		MSFC	SAA8-2440591.1

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1051	40591	BLUE ORIGIN, LLC	DEMAND SERVICES AND GENERAL SUPPORT TO TEST STAND 4670	6/27/2024	6/27/2029	Reimbursable		MSFC	SAA8-2440591
1052	40563	Jasper High School	TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	4/3/2024	4/3/2029	Non-Reimbursable	\$95,255.31	MSFC	SAA8-2440563
1053	40517	RELATIVITY SPACE, INC.	Relativity Space, TPS Panel Testing @ HGF, FY24	4/29/2024	4/29/2025	Reimbursable		MSFC	SAA8-2033020.9
1054	40492	MICROLINK DEVICES, INC	Space Environmental Effects Demand Services	5/3/2024	5/3/2025	Reimbursable		MSFC	SAA8-2440491.1
1055	40491	MICROLINK DEVICES, INC	Space Environmental Effects Testing	5/3/2024	5/3/2029	Reimbursable		MSFC	SAA2440491
1056	40441	U.S SPACE AND ROCKET CENTER	annex to U.S. Space and Rocket Center Space Act Umbrella Agreement	4/15/2024	4/15/2025	Non-Reimbursable	\$122,702.73	MSFC	SAA8-2031097.6

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1057	40417	Rocket Lab USA, Inc.	Propellant Thermal and Slosh Modeling for Rocket Lab	3/25/2024	3/25/2025	Reimbursable		MSFC	SAA8-2135703.5
1058	40404	METAseismic Incorporated	Metamaterial Vibration Testing on a NASA Launch Vehicle Battery	7/2/2024	7/2/2025	Non-Reimbursable	\$66,737.94	MSFC	SAA8-2440404
1059	40355	UNIVERSITY OF ALABAMA	Green Propellant Materials Research	8/19/2024	8/19/2026	Reimbursable		MSFC	SAA8-2440354.1
1060	40354	UNIVERSITY OF ALABAMA	Space Exploration Technology Development	8/19/2024	8/19/2029	Reimbursable		MSFC	SAA8-2440354
1061	40352	UNIVERSITY OF NORTH DAKOTA	Multi-Purpose Habitat Airlock Sizing Study	4/8/2024	4/8/2026	Non-Reimbursable	\$105,353.57	MSFC	SAA8-2440351.1
1062	40351	UNIVERSITY OF NORTH DAKOTA	Space Exploration Technology Development	4/8/2024	4/8/2029	Non-Reimbursable	\$0.00	MSFC	SAA8-2440351

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1063	40346	Touchstone Research Lab	Touchstone TPS Testing @HGF	5/23/2024	5/23/2025	Reimbursable		MSFC	SAA8-2440346
1064	40345	BLUE ORIGIN, LLC	annex to Exchange of Technical Expertise for commercial space transportation	3/27/2024	3/27/2025	Reimbursable		MSFC	SAA8-2235543.8
1065	40343	United Launch Alliance	annex to Launch Vehicle Manufacturing and Test Support	4/26/2024	4/26/2025	Reimbursable		MSFC	SAA8-1726580.19
1066	40308	U.S SPACE AND ROCKET CENTER	Human Lander System (HLS) Blue Moon Lander (Blue Origin)	6/3/2024	6/3/2025	Reimbursable		MSFC	SAA8-2440307.1
1067	40307	U.S SPACE AND ROCKET CENTER	Exhibit and Model Production Support	6/3/2024	6/3/2029	Reimbursable		MSFC	SAA8-2440307
1068	40300	Louisiana State University	Electrostatic Sail Control System Development	2/13/2024	2/13/2025	Non-Reimbursable	\$10,290.00	MSFC	SAA8-2439946.1

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1069	40269	Ai Space Factory	In Space Manufacturing for Lunar Surface Construction	6/19/2024	6/19/2025	Reimbursable		MSFC	SAA8-2440268.1
1070	40268	Ai Space Factory	Lunar Surface Manufacturing	6/19/2024	6/19/2029	Reimbursable		MSFC	SAA8-2440268
1071	40262	CITY OF NEW ORLEANS	NONREIMBURSABLE SPACE ACT AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER AND CITY OF NEW ORLEANS, LA FOR CITY OF NEW ORLEANS, LA TEMPORARY EMERGENCY SHELTER FOR CITY EMPLOYEES AT MAF.		9/11/2029	Non-Reimbursable	\$85,741.16	MSFC	SAA8-2440262
1072	40247	LOCKHEED MARTIN	Space Nuclear Propulsion DRACO Cold Flow Testing TS3□	2/15/2024	2/15/2026	Reimbursable		MSFC	SAA8-2134592.14
1073	40227	BIG METAL ADDITIVE, LLC	Improving Cost and Availability of Space Habitat Structures with Additive Manufacturing	6/6/2024	6/6/2028	Reimbursable		MSFC	SAA8-2440227
1074	40193	Raytheon Technologies	Raytheon Hypersonic Air-Launched Offensive Anti- Surface Warfare Weapon System (HALO)	2/21/2024	2/21/2025	Reimbursable		MSFC	SAA8-2236871.3

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1075	40129	New Orleans Aviation Board	New Orleans Aviation Board	3/20/2024	3/19/2026	Non-Reimbursable	\$2,282.00	MSFC	SAA8-2440129
1076	40079	VAYA Space Incorporated	Engineering Support	1/18/2024	1/18/2026	Reimbursable		MSFC	SAA8-2339817.1
1077	40028	Morgan State University⊡	LOX/RP-1 Testing for Morgan State	3/13/2024	3/13/2025	Reimbursable		MSFC	SAA8-2440028
1078	40001	Phase Four, Inc.	Development and Testing of a Propellant Decomposition Chamber for use with ASCENT□	7/9/2024	1/9/2026	Reimbursable		MSFC	SAA8-2338673.2
1079	39986	FENIX SPACE, INC.	Hypersonic Design and Analysis Consultation□	12/14/2023	12/14/2025	Reimbursable		MSFC	SAA8-2339985.1
1080	39985	FENIX SPACE, INC.	Hypersonic Design and Analysis Consultation⊡	12/14/2023	12/14/2028	Reimbursable		MSFC	SAA8-2339985

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1081		Northrop Grumman Corporation, AS Sector	Northrop Grumman Corporation @ HGF	2/26/2024	2/26/2025	Reimbursable		MSFC	SAA8-2339975.1
1082		Northrop Grumman Systems Corporation, AS Sector	Exchange of Technical Expertise for commercial space transportation	2/26/2024	2/26/2029	Reimbursable		MSFC	SAA8-2339975
1083	39946	Louisiana State University	Electrostatic Sail Control System Development	1/13/2024	1/13/2029	Non-Reimbursable	\$0.00	MSFC	SAA8-2439946
1084	39939	Materials Research and Design Inc	LOX/RP-1 TESTING FOR MATERIALS RESEARCH AND DESIGN	2/6/2024	2/6/2025	Reimbursable		MSFC	SAA8-2339939
1085	39898	NANORACKS, LLC	Annex 4 to Deep Space Transportation Technology Development	11/21/2023	5/21/2025	Reimbursable		MSFC	SAA8-2338534.4
1086	39850	WildStar LLC	Analysis of Solar Sail satellite for Low Lunar Orbit Mission	8/14/2024	8/14/2025	Non-Reimbursable	\$85,000.00	MSFC	SAA8-2439849.1

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1087	39849	WildStar LLC	Adaptation of Satellite system to Cislunar Mission	8/14/2024	8/14/2029	Non-Reimbursable	\$0.00	MSFC	SAA8-2439849
1088	39817	VAYA Space Incorporated	Space Exploration Technology Development	1/18/2024	1/18/2029	Reimbursable		MSFC	SAA8-2339817
1089	39815	CB&I Storage Tank Solutions LLC	Hydrogen Tank Checkout and Testing	12/18/2023	12/18/2025	Reimbursable		MSFC	SAA8-2339814.1
1090	39814	CB&I Storage Tank Solutions LLC	DEVELOPMENT AND CHARACTERIZATION OF LIQUID HYDROGEN STORAGE AND TRANSPORTATION TECHNOLOGIES	12/18/2023	12/18/2028	Reimbursable		MSFC	SAA8-2339814
1091	39807	Intrepid Museum	2024 RS25 Engine Trailer Exhibit Loan	1/16/2024	1/16/2025	Reimbursable		MSFC	SAA8-2339806.1
1092	39806	Intrepid Museum	Loan of RS-25 Engine Trailer for Public Display	1/16/2024	1/16/2025	Reimbursable		MSFC	SAA8-2339806

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1093	39787	LOCKHEED MARTIN	Space Nuclear Propulsion DRACO Cold Flow Testing TS1	12/14/2023	8/14/2025	Reimbursable		MSFC	SAA8-2134592.12
1094	39782	FIREFLY AEROSPACE INC.	Design Consultation	11/28/2023	9/30/2028	Reimbursable		MSFC	SAA8-2339781.1
1095	39781	FIREFLY AEROSPACE INC.	Technical Expertise and Testing for Launch, In-Space Transportation, and Landing Systems	11/28/2023	11/28/2028	Reimbursable		MSFC	SAA8-2339781
1096	39740	INELATIVITT SFACE, INC.	Design and Manufacturing Review for Rocket Engine Components	12/4/2023	12/4/2026	Reimbursable		MSFC	SAA8-2339739.1
1097	39739	RELATIVITY SPACE, INC.	Rocket Engine Development and Test	12/4/2023	12/4/2028	Reimbursable		MSFC	SAA8-2339739
1098	39738	RAYTHEON COMPANY	Rain Impact Erosion Testing of TPS Materials	1/9/2024	7/9/2025	Reimbursable		MSFC	SAA8-2339738

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1099	39656	Maxar Space LLC	Space Environmental Effects Testing	9/29/2023	9/29/2028	Reimbursable		MSFC	SAA8-2339656
1100	39620	BLUE ORIGIN, LLC	REIMBURSABLE SUPPORT SERVICES IN CONNECTION WITH PARTNER'S USE OF BUILDING 4666 EUL	12/22/2023	12/22/2025	Reimbursable		MSFC	SAA8-2338142.2
1101	39619	UNIVERSITY OF PITTSBURGH	Fireball Network Station at Allegheny Observatory	9/21/2023	9/21/2028	Non-Reimbursable	\$1,618.00	MSFC	SAA8-2339619
1102	39509	RELATIVITY SPACE, INC.	annex to Rocket Engine Development and Test	6/14/2024	6/14/2025	Reimbursable		MSFC	SAA8-2033020.6
1103	39496	United Launch Alliance	ULA PAF Structural Test _ FID	9/28/2023	10/30/2025	Reimbursable		MSFC	SAA8-1726580.18
1104	39488	LOCKHEED MARTIN	Modeling, Characterization, and Ground Testing of VOODU Joining Module	3/18/2024	3/18/2029	Reimbursable		MSFC	SAA8-2439487.1

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1105	39487	LOCKHEED MARTIN	Analytical and Testing Activities to Support Joining Demonstrations In-Space	3/18/2024	3/18/2029	Reimbursable		MSFC	SAA8-2439487
1106	39470	UNITED LAUNCH ALLIANCE, LLC	ULA Vulcan Engine Reuse Scale (VERS) Hypersonic Inflatable Aerodynamic Decelerator (HIAD)	7/20/2023	7/20/2028	Funded	\$25,000,000.00	MSFC	39470
1107	39469	LOCKHEED MARTIN	Joining Demonstrations In-Space (JOINS)	7/20/2023	7/20/2028	Funded	\$9,053,467.00	MSFC	39469
1108	39468	Redwire Space Inc	Infrastructure Manufacturing with Lunar Regolith - Mason	7/20/2023	7/20/2028	Funded	\$12,910,000.00	MSFC	39468
1109	39440	ThinkOrbital Inc.	ANALYSIS AND MODELING OF IN-SPACE WELDING	9/27/2023	9/27/2025	Non-Reimbursable	\$12,001.00	MSFC	SAA8-2339439.1
1110	39439	ThinkOrbital Inc.	SPACE EXPLORATION TECHNOLOGY DEVELOPMENT FOR IN-SPACE WELDING	9/27/2023	9/27/2028	Non-Reimbursable	\$0.00	MSFC	SAA8-2339439

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1111	39430	NANORACKS, LLC	ECLSS Risk Reduction Activity	10/12/2023	10/12/2026	Reimbursable		MSFC	SAA8-2338534.2
1112		THE UNIVERSITY OF TENNESSEE SPACE INSTITUTE	Fireball Network Station at UTSI	8/31/2023	8/31/2028	Non-Reimbursable	\$1,486.00	MSFC	SAA8-2339384
1113	39328	Northrop Grumman Systems Corporation	Radiation Testing of Thin Composite Materials	1/9/2024	1/9/2026	Reimbursable		MSFC	SAA8-2339327.1
1114		Northrop Grumman Systems Corporation	Space Environmental Effects Testing	1/9/2024	1/9/2029	Reimbursable		MSFC	SAA8-2339327
1115	39320	Nikon Inc.	Artemis Hand Held Camera Development	11/14/2023	11/14/2026	Non-Reimbursable	\$381,081.00	MSFC	SAA8-2339320
1116	39277	Sierra Space	Design and Manufacturing Review for Rocket Engine Components	9/14/2023	9/14/2026	Reimbursable		MSFC	SAA8-2339276.1

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1117	39276	Sierra Space	Rocket Engine Development and Test	9/14/2023	9/14/2028	Reimbursable		MSFC	SAA8-2339276
1118	39225	United Launch Alliance	ULA Centaur V STA1 Stand Restoration	9/22/2023	10/30/2025	Reimbursable		MSFC	SAA8-1726580.17
1119	39224	United Launch Alliance	ULA Centaur V STA 2	10/18/2023	10/15/2025	Reimbursable		MSFC	SAA8-1726580.16
1120	39221	RELATIVITY SPACE, INC.	Terran-R Hot Staging Plume Environments Modeling Activities	12/13/2023	3/13/2025	Reimbursable		MSFC	SAA8-2033020.5
1121	39176	Huntsville City Football Club	Loan of J2X rocket engine and general public engagement	10/17/2023	9/20/2028	Non-Reimbursable	\$2,000.00	MSFC	SAA8-2339175.1
1122	39175	Huntsville City Football Club	Space Exploration Education and Engagement	9/20/2023	9/20/2028	Non-Reimbursable	\$0.00	MSFC	SAA8-2339175

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1123		OBERLIN COLLEGE AND CONSERVATORY	Fireball Network Station at Oberlin	9/1/2023	9/1/2028	Non-Reimbursable	\$2,402.00	MSFC	SAA8-2339171
1124	39121	Dynetics A Leidos Company	Additive Manufacturing Activities	7/9/2024	7/9/2027	Reimbursable		MSFC	SAA8-2339120.1
1125	39120	Dynetics A Leidos Company	Materials & Processes Activities	7/9/2024	7/9/2029	Reimbursable		MSFC	SAA8-2339120
1126	39040	UNITED LAUNCH ALLIANCE, LLC	Oversight of Repairs to Test Stand 4699	3/13/2024	5/13/2026	Reimbursable		MSFC	SAA8-2339040
1127		International Business Machines (IBM) Corporation	annex to the Discovery, Access and Use of Large Science Datasets	7/12/2023	7/12/2025	Non-Reimbursable	\$844,194.00	MSFC	SAA8-2233097.2
1128		ST. BERNARD SHERIFFS DEPARTMENT	St. Bernard Sheriff's Department	6/12/2023	6/12/2028	Non-Reimbursable	\$6,754.00	MSFC	SAA8-2338951

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1129	38947	LOCKHEED MARTIN	Subscale article creep test	12/9/2024	9/12/2025	Reimbursable		MSFC	SAA8-2134592.11
1130	38860	Torre Space and Power Systems, LLC	Space Environment Recreation and Plasma Generation	5/26/2023	5/26/2028	Reimbursable		MSFC	SAA8-2338860
1131	38858	geCKo Materials, PBC	Space Environmental Effects and Materials Testing	5/26/2023	5/26/2028	Reimbursable		MSFC	SAA8-2338858
1132		NORTHROP GRUMMAN SYSTEMS CORPORATION	The 2023 SMART DEMO SRTM	7/17/2023	7/17/2028	Reimbursable		MSFC	SAA8-2338831
1133	38779	HIRAM COLLEGE	Fireball Network Station at Hiram College	5/24/2023	5/24/2028	Non-Reimbursable	\$1,969.00	MSFC	SAA8-2338779
1134	38746	Above:Space Development Corporation	Development of Commercial Space Station Technology	5/18/2023	5/18/2028	Reimbursable		MSFC	SAA8-2338746

ROW NC	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1135	38673	Phase Four, Inc.	Low-Power Thruster Testing □	6/19/2024	6/19/2029	Reimbursable		MSFC	SAA8-2338673
1136	38609	BLUE ORIGIN, LLC	Blue Origin Blue Ring	11/1/2023	3/1/2025	Reimbursable		MSFC	SAA8-2238609.38
1137	38596	Kent Houston Offshore Engineering, L.L.C.	Technology Transfer and Technical and Engineering Services	10/26/2023	10/26/2026	Reimbursable		MSFC	SAA8-2338596
1138	38547	BLUE ORIGIN, LLC	Hot Hydrogen Testing Activities in CFEET Furnace	4/14/2023	12/31/2024	Reimbursable		MSFC	SAA-EA-20-29343.37
1139	38534	NANORACKS, LLC	Deep Space Transportation Technology Development	5/16/2023	5/16/2028	Reimbursable		MSFC	SAA8-2338534
1140		NEW CINGULAR WIRELESS PCS, LLC	CELLULAR SERVICE MICRO-TOWERS SUPPORTING FIRSTNET	8/15/2023	8/15/2028	Reimbursable		MSFC	SAA8-2338491

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1141	38490	Plasma Processes, Inc.	One Newton Thruster Valve Fabrication, Assembly, and Qualification□	6/27/2023	3/31/2025	Reimbursable		MSFC	SAA8-2237691.2
1142	128111	Northeast Arkansas Career and Technical Center	TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	4/10/2023	4/10/2028	Non-Reimbursable	\$80,216.00	MSFC	SAA8-2338441
1143	38342	RELATIVITY SPACE, INC.	annex to Rocket Engine Development and Test	5/19/2023	5/19/2025	Reimbursable		MSFC	SAA8-2033020.3
1144	38251	U.S. Space & Rocket Center	F-1 Rocket Engine Move at the U.S. Space & Rocket Center	3/29/2023	3/29/2028	Reimbursable		MSFC	SAA8-2338251
1145		VENUS AEROSPACE CORPORATION	RDRE Additive Manufactured Hardware Test Collaboration - NON REIMBURSABLE	12/21/2023	3/21/2025	Non-Reimbursable	\$135,410.00	MSFC	SAA8-2338189.1
1146	138180	VENUS AEROSPACE CORPORATION	RDRE Additive Manufactured Hardware Test Collaboration	12/21/2023	12/21/2025	Non-Reimbursable	\$0.00	MSFC	SAA8-2338189

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1147	38185	ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY	Fireball Network Station at Kitt Peak National Observatory (KPNO)	9/28/2023	9/28/2028	Non-Reimbursable	\$2,201.00	MSFC	SAA8-2338185
1148	38143	BLUE ORIGIN, LLC	REIMBURSABLE SUPPORT SERVICES IN CONNECTION WITH PARTNER'S USE OF BUILDING 4666 EUL	11/19/2023	11/19/2028	Reimbursable		MSFC	SAA8-2338142.1
1149	38142	BLUE ORIGIN, LLC	REIMBURSABLE SERVICES FOR BUILDING 4666 EUL DEMAND SERVICES	11/19/2023	11/19/2028	Reimbursable		MSFC	SAA8-2338142
1150	38065	SHELL INTERNATIONAL EXPLORATION AND PRODUCTION, INC	Foam Insulation Test Specimen Preparation and Performance of Testing	4/24/2023	12/31/2024	Reimbursable		MSFC	SAA8-2338064.1
1151	38064	SHELL INTERNATIONAL EXPLORATION AND PRODUCTION, INC	DEVELOPMENT AND CHARACTERIZATION OF LIQUID HYDROGEN STORAGE, TRANSFER, AND TRANSPORTATION TECHNOLOGIES	4/19/2023	4/19/2028	Reimbursable		MSFC	SAA8-2338064
1152	38020	OffWorld, Incorporated	Payload Integration Activities for GOAL Spacecraft; SLS Secondary Payload	7/26/2023	1/26/2027	Non-Reimbursable	\$448,493.00	MSFC	SAA8-2338020

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1153	37932	BLUE ORIGIN, LLC	Engineering Analysis and Testing	1/18/2023	1/18/2025	Reimbursable		MSFC	SAA8-2237932.28
1154	37919	BWXT Advanced Technologies, LLC.	BWXT Coating Test for N2 Flow	5/23/2023	5/23/2028	Reimbursable		MSFC	SAA8-2337919
1155	37775	SIERRA SPACE CORP.	annex to EXPLORATION AND COMMERCIAL LOW EARTH ORBIT (LEO) TECHNOLOGY DEVELOPMENT AND RISK REDUCTION ACTIVITIES	2/1/2023	3/31/2025	Reimbursable		MSFC	SAA8-2236912.3
1156	37750	DYNETICS CORP.	Thermal System Assessments	11/17/2022	11/17/2027	Reimbursable		MSFC	SAA8-2237750
1157	37718	Corvid Technologies	Exchange of Technical Expertise for Commercial Space Transportation	11/22/2022	11/22/2027	Reimbursable		MSFC	SAA8-2237718
1158	37691	Plasma Processes, Inc.	One Newton Thruster Valve Design and Qualification	12/9/2022	12/9/2027	Reimbursable		MSFC	SAA8-2237691

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1159	37625	Onyx Aerospace	Bi-Propellant Throttling Cavitating Venturi Valve Design	10/18/2022	7/31/2025	Reimbursable		MSFC	SAA8-2135668.2
1160	37582	UNIVERSITY OF ALABAMA	annex to Earth Science and Space Exploration Technology Development	3/27/2023	3/27/2026	Non-Reimbursable	\$69,770.00	MSFC	SAA8-2235160.2
1161	37581	BLUE ORIGIN, LLC	annex to Engineering Analysis and Testing	12/1/2022	2/7/2025	Reimbursable		MSFC	SAA-EA-20-29343.24
1162	37491	SIERRA SPACE CORP.	Full Scale Softgoods Burst Test annex to EXPLORATION AND COMMERCIAL LOW EARTH ORBIT (LEO) TECHNOLOGY DEVELOPMENT AND RISK REDUCTION ACTIVITIES	2/1/2023	2/1/2025	Reimbursable		MSFC	SAA8-2236912.2
1163		Amazon Kuiper Manufacturing Enterprises, LLC	Space Environmental Effects Testing of Materials and Systems	10/11/2022	10/11/2027	Reimbursable		MSFC	SAA8-2237329
1164	37285	BLADE DYNAMICS LLLP	Blade Dynamics LLLP SAA	3/30/2023	9/30/2025	Reimbursable		MSFC	SAA8-2237285

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1165	37199	Albertville High School	ALBERTVILLE HIGH SCHOOL / HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	8/17/2022	8/17/2027	Non-Reimbursable	\$77,626.00	MSFC	SAA8-2237199
1166	37160	Lockheed Martin Corporation	Lockheed Martin Corporation Space Systems	1/1/2023	12/31/2027	Reimbursable		MSFC	SAA8-2237160
1167	37108	BLUE ORIGIN, LLC	Annex 23 to Engineering Analysis and Testing	9/22/2022	2/7/2025	Reimbursable		MSFC	SAA-EA-20-29343.23
1168	37085	Blue Origin Florida, LLC	Annex 3 to Production Implementation	8/1/2023	8/1/2025	Reimbursable		MSFC	SAA8-2032094.3
1169	37044	Agile Space Industries	Engineering Support and Component Development	9/13/2022	9/13/2025	Reimbursable		MSFC	SAA8-2237043.1
1170	37043	Agile Space Industries	Development of Space Propulsion Systems	9/13/2022	9/13/2027	Reimbursable		MSFC	SAA8-2237043

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1171	36987	U.S SPACE & ROCKET CENTER	annex to ALABAMA SPACE SCIENCE EXHIBIT COMMISSION	8/14/2024	1/26/2026	Non-Reimbursable	\$37,124.56	MSFC	SAA8-2031097.2
1172		Marshall Child Development Center, Inc.	Demand Services for the Marshall Child Development Center	7/15/2022	7/15/2027	Non-Reimbursable	\$1,424,462.00	MSFC	SAA8-2236962
1173	36913	SIERRA SPACE CORP	SUBSCALE SOFTGOODS CREEP TESTING	8/14/2022	8/14/2025	Reimbursable		MSFC	SAA8-2236912.1
1174	36912	SIERRA SPACE CORP.	EXPLORATION AND COMMERCIAL LOW EARTH ORBIT (LEO) TECHNOLOGY DEVELOPMENT AND RISK REDUCTION ACTIVITIES	8/14/2022	8/14/2027	Reimbursable		MSFC	SAA8-2236912
1175	36910	AEROJET ROCKETDYNE, INC	Solid Rocket Motor Design and Materials Testing	1/9/2023	6/30/2025	Reimbursable		MSFC	SAA8-2236863.1
1176	36871	Raytheon Technologies	Raytheon Wind Tunnel Testing	9/28/2022	9/28/2027	Reimbursable		MSFC	SAA8-2236871

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1177	36863	AEROJET ROCKETDYNE, INC	Solid Rocket Motor Design and Materials Testing	1/9/2023	1/9/2028	Reimbursable		MSFC	SAA8-2236863
1178	36848	Alabama A&M University	annex to COLLABORATIVE AGREEMENT FOR SYNERGISTIC TECHNOLOGIES	4/12/2023	4/12/2027	Non-Reimbursable	\$30,922.00	MSFC	SAA8-2236843.2
1179	36843	Alabama A&M University	COLLABORATIVE AGREEMENT FOR SYNERGISTIC TECHNOLOGIES	9/12/2022	9/12/2027	Non-Reimbursable	\$0.00	MSFC	SAA8-2236843
1180	36787	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	Fireball Network Station at ERAU	7/6/2022	7/6/2027	Non-Reimbursable	\$1,540.00	MSFC	SAA8-2236787
1181	36786	THE UNIVERSITY OF CENTRAL FLORIDA BOARD OF TRUSTEES	Fireball Network Station at UCF	7/21/2022	7/21/2027	Non-Reimbursable	\$2,571.00	MSFC	SAA8-2236786
1182	36708	BLUE ORIGIN, LLC	annex 13 to Engineering Analysis and Testing - Engine Materials and Processes Support	8/30/2022	2/8/2025	Reimbursable		MSFC	SAA-EA-20-29343.13

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1183	36701	BLUE ORIGIN, LLC	Blue Origin Hot Gas Testing of Materials @ Hot Gas Test Facility	9/29/2022	2/4/2025	Reimbursable		MSFC	SAA8-2236701.12
1184	36700	BLUE ORIGIN, LLC	Blue Origin BE-7 10K LOX TPA	6/30/2022	2/4/2025	Reimbursable		MSFC	SAA8-202934.11
1185	36699	BLUE ORIGIN, LLC	Blue Origin BE-7 10K LH2 TPA	6/30/2022	2/4/2025	Reimbursable		MSFC	SAA8-2236699.10
1186	36698	BLUE ORIGIN, LLC	Blue Origin TCA v3.0	6/30/2022	2/4/2025	Reimbursable		MSFC	SAA8-2236698.9
1187	36614	BLUE ORIGIN, LLC	annex to Engineering Analysis and Testing	6/13/2022	2/8/2025	Reimbursable		MSFC	SAA8-2236614.8
1188	36606	BLUE ORIGIN, LLC	annex to Engineering Analysis and Testing	5/19/2022	2/8/2025	Reimbursable		MSFC	SAA8-2236606.7

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1189	36602	RUAG Space USA, Inc	RUAG ISA QM2 Strain Gages Instrumentation	9/14/2022	1/24/2025	Reimbursable		MSFC	SAA8-1829459.5
1190	36322	The Academies at Jonesboro High School	THE ACADEMIES AT JONESBORO HIGH SCHOOL TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	3/29/2022	3/29/2027	Non-Reimbursable	\$80,282.00	MSFC	SAA8-2236322
1191	36321	Priceville High School	PRICEVILLE HIGH SCHOOL TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE (HUNCH) PROGRAM	4/12/2022	4/12/2027	Non-Reimbursable	\$80,282.00	MSFC	SAA8-2236321
1192	36317	Charles Henderson High School	Charles Henderson High School Troy, Alabama / High Schools United with NASA to Create Hardware (HUNCH) Program	11/1/2022	11/1/2027	Non-Reimbursable	\$80,282.00	MSFC	SAA8-2236317
1193	36310	Dodge County High School	Dodge County School - Georgia / High Schools United with NASA to Create Hardware (HUNCH) Program	3/22/2022	3/22/2027	Non-Reimbursable	\$80,282.00	MSFC	SAA8-2236310
1194	36307	Walker County School District by and through the Walker County Board of Education	Fireball Network Station at WCSD	4/15/2022	4/15/2027	Non-Reimbursable	\$1,429.00	MSFC	SAA8-2236307

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1195	36134	Lockheed Martin Space	Lockheed Martin Test @ HGF	6/10/2022	6/10/2025	Reimbursable		MSFC	SAA8-2032638.2
1196	36107	The University of Texas at El Paso	Annex 1	1/20/2023	1/20/2025	Reimbursable		MSFC	SAA8-2336106.1
1197	36106	The University of Texas at El Paso	UTEP-NASA OSAM Collaboration	1/20/2023	1/20/2028	Reimbursable		MSFC	SAA8-2336106
1198	35923	Astra Space Operations, Inc.	Launch Vehicle Technology Development	1/14/2022	1/13/2027	Reimbursable		MSFC	SAA8-2135923
1199	35704	ROCKET LAB USA, INC.	Design Development and Integration Consultation	3/16/2022	3/16/2025	Reimbursable		MSFC	SAA8-2135703.1
1200	35703	Rocket Lab USA, Inc.	Exchange of Technical Expertise for Commercial Space Transportation	3/16/2022	3/16/2027	Reimbursable		MSFC	SAA8-2135703

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1201	35668	Onyx Aerospace	Multi-purpose Service Module Study	1/12/2022	1/11/2027	Reimbursable		MSFC	SAA8-2135668
1202	35544	BLUE ORIGIN, LLC	Engines Development	4/21/2022	4/21/2027	Reimbursable		MSFC	SAA8-2235543.1
1203	35543	BLUE ORIGIN, LLC	Exchange of Technical Expertise for commercial space transportation	4/21/2022	4/21/2027	Reimbursable		MSFC	SAA8-2235543
1204	35509	Arizona Board of Regents, on Behalf of University of Arizona	Fireball Network Station at MMTO	2/24/2022	2/24/2027	Non-Reimbursable	\$2,125.00	MSFC	SAA8-2135509
1205	35508	Arizona Board of Regents on behalf of The University of Arizona	Fireball Network Station at MLO	2/7/2022	2/7/2027	Non-Reimbursable	\$1,485.00	MSFC	SAA8-2135508
1206	35435	OCHSNER CLINIC FOUNDATION	Ochsner Clinic Foundation	11/1/2021	10/31/2026	Reimbursable		MSFC	SAA8-2135435

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1207	35160	UNIVERSITY OF ALABAMA	Earth Science and Space Exploration Technology Development	8/17/2022	8/17/2027	Non-Reimbursable	\$0.00	MSFC	SAA8-2235160
1208	35129	NVIDIA Corporation	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	2/8/2022	2/8/2027	Non-Reimbursable	\$0.00	MSFC	SAA8-2135129
1209	35062	Pivotal Space, Inc.	SSTO Thrust Augmented Nozzle Investigation	4/27/2022	4/27/2027	Reimbursable		MSFC	SAA8-2235062
1210	34821	NEW MEXICO STATE UNIVERSITY	Fireball Network Station at New Mexico State University	8/11/2021	8/11/2026	Non-Reimbursable	\$1,447.00	MSFC	SAA8-2134821
1211	34742	Amazon Web Services, Inc.	annex to THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	1/4/2022	1/6/2025	Non-Reimbursable	\$807,352.00	MSFC	SAA8-1929988.3
1212	34695	Vivace Corporation	Vivace Corporation Demand Services	7/1/2021	6/30/2026	Reimbursable		MSFC	SAA8-2134695

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1213	34614	Lusher Charter High School	Lusher Charter High School / High Schools United with NASA to Create Hardware (HUNCH) Program	9/14/2021	9/13/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2134614
1214	34613	East Central High School - Mississippi	East Central High School - Mississippi / High Schools United with NASA to Create Hardware (HUNCH) Program	9/8/2021	9/8/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2134613
1215	34607	HUNTSVILLE CITY SCHOOLS	annex TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH (HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE) PROGRAM	6/16/2021	6/16/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2031925.3
1216	34592	LOCKHEED MARTIN	Exchange of Technical Expertise in Support of Deep Space Exploration	8/5/2021	8/5/2026	Reimbursable		MSFC	SAA8-2134592
1217	34566	ABL Space Systems Company	ANNEX BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER AND ABL SPACE SYSTEMS COMPANY FOR PROPULSION DEVELOPMENT	8/23/2021	8/23/2025	Reimbursable		MSFC	SAA8-2134565.1
1218	34565	ABL Space Systems Company	REIMBURSABLE SPACE ACT UMBRELLA AGREEMENT BETWEEN THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER AND ABL SPACE SYSTEMS COMPANY FOR PROPULSION DEVELOPMENT	8/23/2021	8/23/2026	Reimbursable		MSFC	SAA8-2134565

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1219	34561	LOCKHEED MARTIN	Lockheed Martin Test @ HGF	7/14/2021	7/14/2025	Reimbursable		MSFC	SAA8-2134560.1
1220	34560	LOCKHEED MARTIN	Exchange of Technical Expertise for commercial space transportation	7/14/2021	7/14/2026	Reimbursable		MSFC	SAA8-2134560
1221	34251	Innovative Rocket Technologies Inc.	IROCKET Propulsion Technology	6/7/2021	6/7/2026	Reimbursable		MSFC	SAA8-2134251
1222	34231	Beau Chene High School	Beau Chene High School - Louisiana / High Schools United with NASA to Create Hardware (HUNCH) Program	3/10/2021	3/10/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2134231
1223	34161	Amazon Web Services, Inc.	annex to THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	1/4/2022	4/6/2025	Non-Reimbursable	\$688,028.00	MSFC	SAA8-1929988.2
1224	34143	Iowa State University	Microwave Nondestructive Evaluation (NDE) Studies	9/28/2021	9/28/2026	Non-Reimbursable	\$0.00	MSFC	SAA8-2134143

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1225	34034	Career Academies of Decatur	Career Academies of Decatur for HUNCH Program	2/2/2021	2/2/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2134034
1226	34032	Hewitt-Trussville High School	Hewitt-Trussville High School / High Schools United with NASA to Create Hardware (HUNCH) Program	4/29/2021	4/29/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2134032
1227	33949	Brewer High School	Brewer High School for High Schools United with NASA to Create Hardware (HUNCH) Program	4/29/2021	4/29/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2133949
1228	33900	General Atomics	DRACO High Temperature Component Testing	9/28/2021	9/28/2026	Reimbursable		MSFC	SAA8-2133900
1229	33720	BK MANUFACTURING, INC	BK Manufacturing, Inc.	12/9/2020	12/9/2025	Reimbursable		MSFC	SAA8-2133720
1230	33696	Howe Industries LLC	Nuclear Thermal Propulsion System Development	12/14/2020	12/14/2025	Reimbursable		MSFC	SAA8-2033696

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1231	33671	Dade County Middle School	Dade County Middle School for High Schools United with NASA to Create Hardware (HUNCH) Program	1/6/2021	1/6/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2033671
1232	33670	Dade County High School	Dade County High School for High Schools United with NASA to Create Hardware (HUNCH) Program	1/6/2021	1/6/2026	Non-Reimbursable	\$67,643.00	MSFC	SAA8-2033670
1233	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	\$67,643.00	MSFC	SAA8-2033668
1234	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	\$77,585.00	MSFC	SAA8-2033667
1235	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	\$77,585.00	MSFC	SAA8-2033666
1236	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	\$77,585.00	MSFC	SAA8-2033662

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1237	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	\$77,585.00	MSFC	SAA8-2033654
1238	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	\$77,585.00	MSFC	SAA8-2033653
1239	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	\$77,585.00	MSFC	SAA8-2033652
1240	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	\$77,585.00	MSFC	SAA8-2033651
1241	33647	Earnest Pruett Center of Technology	Earnest Pruett Center of Technology/High Schools United with NASA to Create Hardware (HUNCH) Program	3/24/2021	3/24/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2033647
1242	33646	McGavock High School	McGavock High School - Tennessee / High Schools United with NASA to Create Hardware (HUNCH) Program	3/17/2021	3/17/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2033646

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1243	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	\$77,585.00	MSFC	SAA8-2033645
1244	33627	HUNTSVILLE CITY SCHOOLS	Huntsville City School for High Schools United with NASA to Create Hardware (HUNCH) Program - Jemison Annex	6/16/2021	6/16/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2031925.1
1245	33577	Tellus Science Museum	Fireball Network Station at Tellus Science Museum	12/7/2020	12/7/2025	Non-Reimbursable	\$1,674.00	MSFC	SAA8-2033577
1246	33490	Venus Aerospace Corporation	Support design, development and testing of novel cryogenic engine concepts	3/1/2021	3/1/2026	Reimbursable		MSFC	SAA8-2033490
1247	33447	AST&Science, LLC	Spacecraft Component Testing	11/3/2020	11/3/2025	Reimbursable		MSFC	SAA8-2033447
1248	33444	G-Space, Inc.	THERMOPHYSICAL PROPERTIES MEASUREMENTS USING ELECTROSTATIC LEVITATION	11/20/2020	11/20/2025	Reimbursable		MSFC	SAA8-2033444

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1249	33295	Microsoft Corporation	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	8/11/2021	8/11/2026	Non-Reimbursable	\$685,153.00	MSFC	SAA8-2133294.1
1250	33294	Microsoft Corporation	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	8/11/2021	8/11/2026	Non-Reimbursable	\$0.00	MSFC	SAA8-2133294
1251	33097	International Business Machines IBM Corporation, through its Thomas J. T.J Watson Research Center	the Discovery, Access and Use of Large Science Datasets	11/2/2022	11/2/2027	Non-Reimbursable	\$0.00	MSFC	SAA8-2233097
1252	33020	RELATIVITY SPACE, INC.	Rocket Engine Development and Test	10/14/2020	10/14/2025	Reimbursable		MSFC	SAA8-2033020
1253	32804	UNIVERSITY OF ALABAMA	Space Exploration Technology Development	2/1/2021	2/1/2026	Non-Reimbursable	\$0.00	MSFC	SAA8-2132804
1254	32788	X-Bow Launch Systems Inc.	COLLABORATION ON ENGINEERING TECHNOLOGIES FOR EARTH, LUNAR AND SPACE APPLICATIONS	1/19/2021	1/19/2026	Non-Reimbursable	\$0.00	MSFC	SAA8-2032788

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1255	32638	Lockheed Martin Space	Exchange of Technical Expertise for commercial space transportation	6/24/2020	6/24/2025	Reimbursable		MSFC	SAA8-2032638
1256	32551	ARCTIC SLOPE TECHNICAL SERVICES, INC.	Artificial intelligence computer software for space flight systems	9/28/2020	9/28/2025	Non-Reimbursable	\$0.00	MSFC	SAA8-2032551
1257	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	\$72,338.00	MSFC	SAA8-2032353
1258	32094	Blue Origin Florida, LLC	Production Implementation	6/11/2020	6/11/2025	Reimbursable		MSFC	SAA8-2032094
1259	32069	KT Engineering Corporation	Annex to FASTRAC Powerpack Testing and Aerospike Nozzle Analysis in Support of USAF ARISE Program	3/24/2020	2/5/2025	Reimbursable		MSFC	SAA8-2031673.2
1260	31926	HUNTSVILLE CITY SCHOOLS	Huntsville City School for High Schools United with NASA to Create Hardware (HUNCH) Program - Grissom Annex	6/16/2021	6/16/2026	Non-Reimbursable	\$77,585.00	MSFC	SAA8-2031925.2

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1261	31925	HUNTSVILLE CITY SCHOOLS	TO PRODUCE HARDWARE OR OTHER USEFUL PRODUCTS UNDER THE HUNCH (HIGH SCHOOLS UNITED WITH NASA TO CREATE HARDWARE) PROGRAM	6/16/2021	6/16/2026	Non-Reimbursable	\$0.00	MSFC	SAA8-2031925
1262	31673	KT Engineering Corporation	FASTRAC Powerpack Testing and Aerospike Nozzle Analysis in Support of USAF ARISE Program	2/5/2020	2/5/2025	Reimbursable		MSFC	SAA8-2031673
1263	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
1264	31648	BLUE ORIGIN, LLC	Extreme Environment Testing and Evaluation of Material Properties	12/11/2019	5/31/2025	Reimbursable		MSFC	SAA8-1931648
1265	31571	INTUITIVE MACHINES, LLC	Development of Lunar Lander Systems Technologies	3/19/2020	3/19/2025	Reimbursable		MSFC	SAA8-2031571
1266	31098	U.S SPACE AND ROCKET CENTER	USSRC OPERATE AS MARSHALL SPACE FLIGHT CENTER OFFICIAL VISITOR CENTER	1/26/2021	1/26/2026	Non-Reimbursable	\$117,037.00	MSFC	SAA8-2031097.1

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1267	31097	U.S SPACE AND ROCKET CENTER	U.S. Space and Rocket Center Space Act Umbrella Agreement	1/26/2021	1/26/2026	Non-Reimbursable	\$0.00	MSFC	SAA8-2031097
1268	30996	PaR Systems LLC	PaR Systems LLC	1/1/2020	12/31/2024	Reimbursable		MSFC	SAA8-1930996
1269	30898	RHA Materials, LLC	Non-contact measurements of thermophysical properties of materials	11/30/2020	11/30/2025	Reimbursable		MSFC	SAA8-1930898
1270	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
1271	29999	RUAG Space USA, Inc	RUAG Centaur V Structural Tests	9/10/2019	1/24/2025	Reimbursable		MSFC	SAA8-1829459.2
1272	29988	Amazon Web Services, Inc.	THE DISCOVERY, ACCESS AND USE OF LARGE SCIENCE DATASETS	1/6/2020	4/6/2025	Non-Reimbursable	\$0.00	MSFC	SAA8-1929988

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1273	29459	RUAG Space USA, Inc	Ruag Engineering Services	1/24/2019	1/24/2025	Reimbursable		MSFC	SAA8-1829459
1274	27540	SIERRA NEVADA CORPORATION	Rocket Engine Development and Test	6/11/2020	6/11/2025	Reimbursable		MSFC	SAA8-2027540
1275	26580	United Launch Alliance	Launch Vehicle Manufacturing and Test Support	10/31/2017	10/30/2025	Reimbursable		MSFC	SAA8-1726580
1276	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
1277	40203	Skydweller Aero	Annex One Skydweller Aero use of R-4403B	8/22/2024	8/22/2027	Reimbursable		SSC	SSAA-1053-0216
1278	40202	Skydweller Aero	For use of Restricted Airspace	8/22/2024	8/22/2027	Reimbursable		SSC	SSAA-1053-0215

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1279	39302	Evolution Space, Inc.	Annex One Test Support and Logistics Operations	10/4/2023	10/4/2025	Reimbursable		SSC	SSAA-1053-0214
1280	39301	Evolution Space, Inc.	Rocket Propulsion Testing and Support	10/4/2023	10/4/2028	Reimbursable		SSC	SSAA-1053-0213
1281	39142	Blue Origin, LLC	Annex Two to Reimbursable Umbrella Agreement between the National Aeronautics and Space Administration John C. Stennis Space Center and Blue Origin, LLC for Rocket Propulsion Testing and Support	6/28/2023	6/28/2026	Reimbursable		SSC	SSAA-1053-0210
1282	38824	Blue Origin, LLC	Annex One Between National Aeronautics and Space Administration John C. Stennis Space Center and Blue Origin, LLC Under Space Act Umbrella Agreement SSAA-1053-0207	6/28/2023	6/28/2025	Reimbursable		SSC	SSAA-1053-0208
1283	38823	Blue Origin, LLC	Reimbursable Umbrella Agreement between the National Aeronautics and Space Administration John C. Stennis Space Center and Blue Origin, LLC for Rocket Propulsion Testing and Support	6/28/2023	6/28/2028	Reimbursable		SSC	SSAA-1053-0207
1284	38575	ROLLS-ROYCE CORP	Annex One Between The National Aeronautics and Space Administration Stennis Space Center and Rolls- Royce Corporation Under Space Act Agreement SSAA- 1053-0211	6/6/2024	6/6/2029	Reimbursable		SSC	SSAA-1053-0212

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1285	38574	ROLLS-ROYCE CORP	Reimbursable Space Act Umbrella Agreement Between The National Aeronautics and Space Administration John C. Stennis Space Center and Rolls-Royce Corporation for Propulsion Testing and Support	6/6/2024	6/6/2029	Reimbursable		SSC	SSAA-1053-0211
1286	38282	THE BOARD OF TRUSTEES OF MISSISSIPPI INSTITUTIONS OF HIGHER LEARNING	Reimbursable Space Act Agreement Between National Aeronautics and Space Administration John C. Stennis Space Center and The Board of Trustees of Mississippi, Institutions of Higher Learning for the Center of Higher Learning and Related University Activities		11/29/2028	Reimbursable		SSC	SSAA-1051-0092
1287	36269	Rolls Royce, Corp	Annex Four to Provide Propulsion Test Engineering Assessments	3/4/2022	1/31/2025	Reimbursable		SSC	SSAA-1053-0195
1288	1.30000	Innovative Imaging and Research Corp.	Reimbursable Space Act Agreement for Unmanned Aircraft Systems	2/9/2022	2/9/2027	Reimbursable		SSC	SSAA-1053-0194
1289	35872	Relativity Space, Inc.	Annex Four to Reimbursable Space Act Umbrella Agreement Relativity Space Incorporated Aeon 1 Launch Systems Development	12/16/2021	7/1/2025	Reimbursable		SSC	SSAA-1053-0193
1290	35763	Relativity Space, Inc.	Annex Three to Reimbursable Space Act Umbrella Agreement Relativity Space Incorporated Aeon 1 Launch Systems Development	12/2/2021	7/1/2025	Reimbursable		SSC	SSAA-1053-0192

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1291	34292	Louisiana Technology Transfer Office	Louisiana Transfer Technology Office for Occupancy of SSC Facilities	5/2/2021	5/2/2026	Reimbursable		SSC	SSAA-1051-0089
1292	34280	Aeroject Rocketdyne, Inc.	Reimbursable Space Act Agreement between The National Aeronautics and Space Administration John C. Stennis Space Center and Aerojet Rocketdyne of DE, Inc. for Occupancy of Facilities	9/29/2021	9/29/2026	Reimbursable		SSC	SSAA-1053-0182
1293	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	\$37,450.00	SSC	SSAA-1053-0173
1294	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	\$595,711.00	SSC	SSAA-1053-0172
1295	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	\$394,746.00	SSC	SSAA-1053-0171
1296	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	\$0.00	SSC	SSAA-1053-0170

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1297	32137	Launcher Space	Annex One Propulsion Test Support to Launcher Space	3/31/2020	3/31/2025	Reimbursable		SSC	SSAA-1053-0175
1298	32136	Launcher Space	Propulsion Test Support to Launcher Space	3/31/2020	3/31/2025	Reimbursable		SSC	SSAA-1053-0174
1299	31398	Rocket Lab, USA	Rocket Lab Annex One	12/14/2022	12/13/2027	Reimbursable		SSC	SSAA-1053-0202
1300	31397	Rocket Lab, USA	Umbrella for Rocket Lab Propulsion Testing and Related Services	12/13/2022	12/13/2027	Reimbursable		SSC	SSAA-1053-0203
1301	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
1302	29966	Relativity Space, Inc.	Reimbursable Space Act Agreement Relativity Space, Inc. for Occupancy of Facilities	5/28/2019	5/28/2028	Reimbursable		SSC	SSAA-1053-0164

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1303	27516	State of Mississippi	Use of NASA facilities and services in support of the Mississippi Technology Transfer Office	4/9/2018	4/9/2025	Reimbursable		SSC	SSAA-1051-0077
1304	26831	Relativity Space, Inc.	Annex Two RSI Services and support at SSC	5/25/2018	7/2/2025	Reimbursable		SSC	SSAA-1053-0152
1305	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
1306	23376	Relativity Space, Inc.	Reimbursable Space Act Umbrella Agreement Relativity Space Incorporated Aeon 1 Launch Systems Development	8/23/2016	7/1/2025	Reimbursable		SSC	SSAA-1053-0117
1307	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	9/30/2027	Reimbursable		SSC	SSC/PRI-01-002-06
1308	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		1/22/2029	Reimbursable		SSC	SSAA-1051-0034

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1309	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
1310	2566	Aerojet Rocketdyne, Inc.	Operation of E-6 Government-Owned Engine Test Facility in Florida	6/29/2007	6/16/2027	Non-Reimbursable		SSC	SSAA-1053-0033
1311		Kratos Space and Missile Defense Systems, Inc.	Range and Launch Support	9/5/2024	9/4/2026	Reimbursable		WFF	GSFC-22-36031
1312	41429	ROCKET LAB USA	Mission Support Services	9/13/2024	7/7/2026	Reimbursable		WFF	GSFC-21-32608
1313	41245	Pierce Aerospace Inc	Tracking Small Unmanned Aircraft Systems	7/30/2024	7/29/2025	Non-Reimbursable	\$5,500.00	WFF	GSFC-24-41245
1314	40514	Virginia Commercial Space Flight Authority	Annual Institutional Support Annex E008-800	4/1/2024	4/1/2025	Reimbursable		WFF	GSFC-97-1959

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1315	40401	Chincoteague Police Department	Speedometer and Radar Test and Calibration	4/15/2024	4/14/2029	Non-Reimbursable	\$10,850.00	WFF	GSFC-24-40401
1316	40301	Old Dominion University	Evaluating Beyond Visual Line of Sight UAS Operations	3/27/2024	3/26/2025	Non-Reimbursable	\$19,989.00	WFF	GSFC-24-40301
1317		OLD DOMINION RESEARCH FOUNDATION	Unmanned Aerial Systems Flight Tests	3/25/2024	3/25/2025	Reimbursable		WFF	GSFC-24-40299
1318	39933	Wor-Wic Community College	Collaboration Activities	3/6/2024	3/5/2029	Non-Reimbursable	\$2,738.00	WFF	GSFC-24-39932
1319	39932	Wor-Wic Community College	Educational Collaboration	3/6/2024	3/5/2029	Non-Reimbursable	\$0.00	WFF	GSFC-24-39932
1320	39856	SALISBURY UNIVERSITY	Collaborative Activities	3/28/2024	1/31/2029	Non-Reimbursable	\$8,211.00	WFF	GSFC-24-39855

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1321	39855	SALISBURY UNIVERSITY	Educational Collaboration	2/1/2024	1/31/2029	Non-Reimbursable	\$0.00	WFF	GSFC-24-39855
1322		VENUS AEROSPACE CORPORATION	Annex 3 to HYPERSONIC AIRCRAFT & ROCKET PROPULSION RESEARCH, DEVELOPMENT, AND COLLABORATION	2/21/2024	11/2/2025	Reimbursable		WFF	SAA-AA-22-37098
1323	38444	VIRGINIA SPACE FLIGHT ACADEMY	Outreach Activities	5/1/2023	4/30/2028	Non-Reimbursable	\$17,500.00	WFF	GSFC-23-38444
1324	38369	MARINE SCIENCE CONSORTIUM	Educational Collaboration	11/3/2023	11/2/2028	Non-Reimbursable	\$10,800.00	WFF	GSFC-23-38369
1325	37981	NX Aviation	Range Support and Airfield Services	6/2/2023	6/1/2025	Reimbursable		WFF	GSFC-23-37981
1326	37963	Stoke Space Technologies	Safety Review for Future Launch Operations	6/20/2024	6/19/2026	Reimbursable		WFF	GSFC-23-37962

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1327	37962	Stoke Space Technologies	Range Services and Launch Support	6/20/2024	6/19/2029	Reimbursable		WFF	GSFC-23-37962
1328	37688	National Space Grant Foundation	STEM Education Student Launch Opportunities	12/15/2022	12/14/2027	Non-Reimbursable	\$1,420,000.00	WFF	GSFC-23-37688
1329	36436	Pluto Aerospace Inc.	Range Operational Support and Safety Review	4/20/2022	4/19/2027	Reimbursable		WFF	GSFC-22-36436
1330	36338	Virginia Department of Health	Closed Points of Dispensing (POD) Provision of Emergency Medical Prophylaxis	7/21/2022	7/20/2027	Non-Reimbursable	\$4,500.00	WFF	
1331	36049	GULFSTREAM AEROSPACE CORP	Water Ingestion Testing	7/27/2022	7/26/2027	Reimbursable		WFF	GSFC-22-36049
1332		Kratos Space and Missile Defense Systems, Inc.	Range Services	6/6/2022	6/5/2027	Reimbursable		WFF	GSFC-22-36031

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1333	35977	Police Department of Baltimore City	Incident Response	6/21/2022	6/20/2027	Non-Reimbursable	\$4,500.00	WFF	
1334	35717	ROCKET LAB USA	Rocket Lab Umbrella Agreement Annex 3- Neutron Feasibility Study	12/13/2023	12/13/2025	Reimbursable		WFF	GSFC-20-32608
1335	35700	Astra Space Operations Incorporated	Range Services	4/17/2022	4/16/2027	Reimbursable		WFF	GSFC-22-35700
1336	35274	County of Accomack	Joint Emergency Planning, Response, and Management Activities at the Wallops Flight Facility	1/7/2022	1/6/2027	Non-Reimbursable	\$4,500.00	WFF	
1337	34693		Annex 2 for Educational Collaboration Relating to STEM Careers	10/26/2021	5/3/2026	Non-Reimbursable	\$8,211.00	WFF	LaRC SAA1-34376
1338	34256	Prince George`s County Health Department	Closed Points of Dispensing (POD) Provision of Mass Emergency Medical Prophylaxis	2/8/2022	2/7/2027	Non-Reimbursable	\$2,000.00	WFF	

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1339	34158	Eastern Shore Community College	Collaboration on Educational Opportunities	10/26/2021	10/25/2026	Non-Reimbursable	\$2,738.00	WFF	GSFC-21-34158
1340	34157	Eastern Shore Community College	Collaboration to Facilitate Joint Research, Technology Development, and Educational Initiatives	10/26/2021	10/25/2026	Non-Reimbursable	\$0.00	WFF	GSFC-21-34158 NRSAA Umbrella
1341		JOHNS HOPKINS UNIVERSITY / APPLIED PHYSICS LAB	Use of the Wallops Geophysical Observatory (WGO) for the Collection of Scientific Data from Super Dual Auroral Radar Network (SUPERDARN)	7/19/2021	7/18/2026	Non-Reimbursable	\$25,441.00	WFF	GSFC-21-34097
1342		THE REGENTS OF THE UNIVERSITY OF COLORADO	, Use of the Wallops Geophysical Observatory (WGO) for the Collection of Scientific Data from the lonospheric Radar	7/2/2021	7/1/2026	Non-Reimbursable	\$25,441.00	WFF	GSFC-21-34092
1343	33611	Enroute Computer Systems	Airfield Testing and Support	8/30/2021	8/29/2026	Reimbursable		WFF	GSFC-21-33611
1344	33320	ABL Space Systems	Aerospike Engine Engineering and Operational Support	11/9/2021	11/8/2026	Reimbursable		WFF	GSFC-21-33320

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1345	33131	Salisbury University	Test Weather Station (MESONET) system for automated weather and environmental monitoring.	11/12/2020	11/11/2025	Non-Reimbursable	\$102,500.00	WFF	GSFC-20-33131
1346	32608	ROCKET LAB USA	Range Services	7/8/2021	7/7/2026	Reimbursable		WFF	GSFC-21-32608
1347	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	\$27,290.00	WFF	GSFC-20-32318
1348	20900	Virginia Commercial Space Flight Authority	Facility Use Annex GSFC-97-1961 Annex Z-41	7/31/2017	4/21/2027	Reimbursable		WFF	GSFC-97-1961 Annex Z-41
1349		Virginia Commercial Space Flight Authority	Operations and Activities for the Unmanned Aerial System Runway	1/9/2018	9/20/2025	Reimbursable		WFF	GSFC-17-25541
1350	8927	Virginia Commercial Space Flight Authority	Project Support Subagreement	4/14/2011	4/21/2027	Reimbursable		WFF	GSFC-11-8927

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1351	3646	Marine Science Consortium	Marine Science Consortium	10/12/2007	5/10/2025	Reimbursable		WFF	SAA-GSFC-06-3646
1352	3219	Chincoteague Bay Field Station	Wallops Research Park	5/6/2009	5/6/2069	Reimbursable		WFF	3219
1353	1962	Virginia Commercial Space Flight Authority	Facility Use Annex Pad 0B	4/7/2007	4/21/2027	Reimbursable		WFF	GSFC-97-1962
1354		Virginia Commercial Space Flight Authority	Facility Use Annex Pad 0A	4/7/2007	4/21/2027	Reimbursable		WFF	GSFC-97-1961
1355	1959	Virginia Commercial Space Flight Authority	Facility Access Support Subagreement	7/3/2012	4/21/2027	Reimbursable		WFF	GSFC-97-1959
1356	1958	Virginia Commercial Space Flight Authority	Support to the Development and Operation of a Commercial Spaceport at GSFC WFF (Wallops Flight Facility)	4/7/2007	4/21/2027	Reimbursable		WFF	GSFC-97-1958(SAA-SOMD-2043)

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1357	41875	Pennsylvania State University Applied Research Laboratory	Fire Hazards in Oxygen Systems Training Course	12/20/2024	12/20/2025	Reimbursable		WSTF	SAA-RA-24-41875
1358	41776	Impulse Space	Annex for Composite Overwrapped Pressure Vessel Damage Detection Course Training	11/8/2024	11/8/2025	Reimbursable		WSTF	SAA2-403725
1359	41392	LOCKHEED MARTIN	Annex to Exchange of Technical Expertise for commercial space transportation	10/7/2024	10/7/2025	Reimbursable		WSTF	SAA8-2134560
1360	40913	WHA INTERNATIONAL, INC	Annex for Composite Overwrapped Pressure Vessel Damage Detection Course Training	7/25/2024	3/4/2027	Reimbursable		WSTF	SAA-RA-21-36170
1361	40485	ROCKET LAB USA	Composite Overwrapped Pressure Vessel Damage Detection Course Training	12/3/2024	12/3/2026	Reimbursable		WSTF	SAA-RA-24-40485
1362	40425	Sierra Space Corporation	Composite Overwrapped Pressure Vessels Damage Detection Course - Training	4/9/2024	4/9/2025	Reimbursable		WSTF	SAA-RA-24-40425

ROW NO.	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1363		Kratos Space and Missile Defense Systems, Inc.	Hypervelocity impact testing to analyze high-speed particle impacts	3/28/2024	3/28/2029	Reimbursable		WSTF	SAA-RA-24-40350
1364	39848	Rocket Lab USA, Inc.	Annex to Exchange of Technical Expertise for Commercial Space Transportation	2/15/2024	3/16/2027	Reimbursable		WSTF	SAA8-2135703
1365	39846	Relativity Space, Inc.	"Fire Hazards in Oyxgen Systems" Training and Oxygen Compatibility Assessments	7/10/2024	7/9/2029	Reimbursable		WSTF	SAA-RA-24-39845-01
1366	39845	Relativity Space, Inc.	OXYGEN TESTING, ANALYSIS AND TRAINING ACTIVITIES	7/9/2024	7/9/2029	Reimbursable		WSTF	SAA-RA-24-39845
1367	39598	Creare LLC	Oxygen Training, Analysis and Testing	11/21/2023	11/20/2028	Reimbursable		WSTF	SAA-RA-23-39597
1368	39597	Creare LLC	OXYGEN TESTING, ANALYSIS, COMPONENT PROCESSING AND TRAINING ACTIVITIES	11/21/2023	11/20/2028	Reimbursable		WSTF	SAA-RA-23-39597

ROW NO.	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1369	39575	NewSpace New Mexico	NewSpace Nexus and NASA Ordered services Agreement	12/28/2023	12/28/2028	Reimbursable		WSTF	SAA-RA-23-39575
1370	39415	Agile Space Industries	annex to TESTING, ANALYSIS, TRAINING, AND TECHNICAL EXPERTISE	1/8/2024	1/8/2028	Reimbursable		WSTF	SAA-RA-23-37900
1371	39414	CELANESE INTERNATIONAL CORP	Celanese Chemical Division Process Enhancement Testing	5/16/2024	5/16/2029	Reimbursable		WSTF	SAA-RA-24-39414
1372	39303	BLUE ORIGIN, LLC	Annex to WSTF Testing, Training Analysis, and Technical Expertise (Materials, Fluids, Components) for NASA-STD-6001 Test 1, Test 4 and Test 7	10/16/2023	6/23/2027	Reimbursable		WSTF	SAA-RA-22-36236-02
1373	38763	THE BOEING COMPANY	Annex 4 to remove and replace valves on R40 thrusters	6/5/2023	6/4/2025	Reimbursable		WSTF	SAA-RA-18-28204
1374	38520	Lunar Resources, Inc.	Fire Hazards in Oxygen Systems Training and Oxygen Compatibility Assessments	6/6/2023	6/5/2028	Reimbursable		WSTF	SAA-RA-23-38519-01

ROW NC	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1375	38519	Lunar Resources, Inc.	FOR TESTING, ANALYSIS ACTIVITIES, AND EXCHANGE OF TECHNICAL EXPERTISE	6/6/2023	6/5/2028	Reimbursable		WSTF	SAA-RA-23-38519
1376	38274	AXIOM SPACE, LLC	Annex to Testing, Training, Analysis, and Technical Expertise	3/15/2024	4/6/2027	Reimbursable		WSTF	SAA-RA-22-36162-06
1377	37939	Radian Aerospace Inc.	NASA-STD-2007-213740 Oxygen Compatibility Assessments / NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements	2/15/2023	2/14/2028	Reimbursable		WSTF	SAA-RA-23-34938-01
1378	37938	Radian Aerospace Inc.	WSTF Testing, Analysis, and Technical Expertise (Materials, Fluids, Components)	2/15/2023	2/14/2028	Reimbursable		WSTF	SAA-RA-23-37938
1379	37913	Pacific Design Technologies	Propellant Exposure Testing and Analysis of Carbon Graphite Bearings	7/26/2023	7/26/2025	Reimbursable		WSTF	SAA-RA-23-37913
1380	37912	Pacific Design Technologies	Testing, Analysis, Training, and Technical Expertise	7/26/2023	7/26/2025	Reimbursable		WSTF	

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1381	37901	Agile Space Industries	WSTF Training and Technical Expertise (Materials, Fluids, Components)	2/7/2023	2/6/2028	Reimbursable		WSTF	SAA-RA-23-37900-01
1382	37900	Agile Space Industries	TESTING, ANALYSIS, TRAINING, AND TECHNICAL EXPERTISE	2/7/2023	2/6/2028	Reimbursable		WSTF	SAA-RA-23-37900
1383	37612	FIREFLY AEROSPACE INC.	WSTF Training and Technical Expertise (Materials, Fluids, Components)	2/7/2023	2/6/2028	Reimbursable		WSTF	SAA-RA-23-37611-01
1384	37611	FIREFLY AEROSPACE INC.	Testing, Analysis, Training, and Technical Expertise	2/7/2023	2/6/2028	Reimbursable		WSTF	SAA-RA-23-37611
1385	37357	LOCKHEED MARTIN	Annex to Perform Propellant Testing and Analysis	10/11/2022	7/14/2026	Reimbursable		WSTF	SAA8-2134560-02
1386	36856	BLUE ORIGIN, LLC	Annex to Engineering Analysis and Testing	10/24/2022	12/31/2025	Reimbursable		WSTF	SAA-EA-20-29343-19

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1387	36675	Blue Origin, LLC	Loan of NASA Owned Pressure Vessels and Transfer of Blue Origin Ground Test Results	10/18/2022	10/17/2027	Non-Reimbursable	\$21,476.00	WSTF	SAA-RA-22-36675
1388	36628	STELLAR EXPLORATION, INC	Testing, Analysis, Training, and Technical Expertise (Materials, Fluids, Components)	5/27/2022	5/26/2027	Reimbursable		WSTF	SAA-RA-22-36627-01
1389	36627	STELLAR EXPLORATION, INC	Testing, Analysis, Training, and Technical Expertise (Materials, Fluids, Components)	5/27/2022	5/26/2027	Reimbursable		WSTF	SAA-RA-22-36627
1390	36540	RAYTHEON COMPANY	Next Generation Interceptor (NGI) Hot Fire Testing	2/23/2023	8/23/2026	Reimbursable		WSTF	SAA-RA-22-36540
1391	36453	Hypercomp Engineering Inc	Hypercomp Engineering Composite Overwrapped Pressure Vessel Damage Detection Training	7/11/2022	7/10/2027	Reimbursable		WSTF	SAA-RA-22-36453
1392	36372	AeroJet RocketDyne	TESTING, ANALYSIS, TRAINING AND TECHNICAL EXPERTISE (MATERIALS, FLUIDS, COMPONENTS) Support	4/4/2023	4/3/2028	Reimbursable		WSTF	SAA-RA-22-36371-01

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1393	36371	AEROJET ROCKETDYNE, INC	TESTING, ANALYSIS, TRAINING AND TECHNICAL EXPERTISE (MATERIALS, FLUIDS, COMPONENTS) Support	4/4/2023	4/3/2028	Reimbursable		WSTF	SAA-RA-22-36371
1394	36237	BLUE ORIGIN, LLC	Training	6/24/2022	6/23/2027	Reimbursable		WSTF	SAA-RA-22-36236-01
1395	36236	BLUE ORIGIN, LLC	WSTF Testing, Training Analysis, and Technical Expertise (Materials, Fluids, Components)	6/24/2022	6/23/2027	Reimbursable		WSTF	SAA-RA-22-36236
1396	36171	WHA INTERNATIONAL, INC	Component Testing, Goods, Services and Analysis	3/4/2022	3/4/2027	Reimbursable		WSTF	SAA-RA-22-36170-01
1397	36170	WHA INTERNATIONAL, INC	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	3/4/2022	3/4/2027	Reimbursable		WSTF	SAA-RA-21-36170
1398	36163	AXIOM SPACE, LLC	Flight / Sensitive System Specialized Training	4/6/2022	4/6/2027	Reimbursable		WSTF	SAA-RA-22-36162-01

ROW NO	PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1399	36162	AXIOM SPACE, LLC	Testing, Training, Analysis, and Technical Expertise	4/6/2022	4/6/2027	Reimbursable		WSTF	SAA-RA-22-36162
1400	35722	B/E Aerospace, d.b.a. Collins Aerospace, a unit of United Technologies Corporation	Annex to Collins Aerospace Oxygen and COPV Testing, Analysis and Training Activities	3/2/2022	3/2/2025	Reimbursable		WSTF	SAA-RA-20-30648-02
1401	35607	Space Exploration Technologies Corp.	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components).	12/30/2021	12/30/2026	Reimbursable		WSTF	SAA-RA-21-35607
1402	34796	Virgin Orbit, LLC	Composite Over-wrapped Pressure Vessel Damage Detection Visual Inspection Training	10/14/2021	10/14/2026	Reimbursable		WSTF	SAA-RA-21-34796
1403	34328	ZIN TECHNOLOGIES, INC	NASA-STD-2007-213740 Oxygen Compatibility Assessments / NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements	5/6/2021	5/6/2026	Reimbursable		WSTF	SAA-RA-21-34327-01
1404	34327	ZIN TECHNOLOGIES, INC	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	5/6/2021	5/6/2026	Reimbursable		WSTF	SAA-RA-21-34327

ROW NO	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1405	34318	AEROJET ROCKETDYNE, INC	Post Boost Propulsion System (PBPS) Static Hot-fire Testing	7/20/2021	7/20/2025	Reimbursable		WSTF	SAA-RA-21-34318
1406	34307	ILC Dover LP	NASA-STD-2007-213740 Oxygen Compatibility Assessments / NASA-STD-6001 Flammability, Offgassing, and Compatibility Requirements	8/4/2021	8/4/2026	Reimbursable		WSTF	SAA-RA-21-34306-01
1407	34306	ILC Dover LP	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	8/4/2021	8/4/2026	Reimbursable		WSTF	SAA-RA-21-34306
1408	32676	THE BOEING COMPANY	STP3 R40b Hot Fire Testing	4/29/2021	6/30/2025	Reimbursable		WSTF	SAA-RA-20-32676
1409	31581	Infinite Composites Technologies	Annex for COPV Inspection and Evaluation	5/5/2020	5/5/2025	Reimbursable		WSTF	SAA-RA-20-31363-02
1410	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

ROW NC	. PAM ID NO.	PARTNER NAME	TITLE/PURPOSE	SIGNATURE DATE	EXPIRATION DATE	TYPE OF AGREEMENT	TOTAL EST. VALUE FOR FUNDED, UNFUNDED, OR NON-REIMBURSABLE AGREEMENTS	CENTER	CENTER TRACKING NUMBER (IF ANY)
1411	31363	Infinite Composites Technologies	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	5/5/2020	5/5/2025	Reimbursable		WSTF	SAA-RA-20-31363
1412	31188	Intuitive Machines, LLC	NASA Standards 6001B Testing	11/23/2020	11/23/2025	Reimbursable		WSTF	SAA-RA-20-31187-01
1413	31187	Intuitive Machines, LLC	WSTF Testing, Training, Analysis, and Technical Expertise (Materials, Fluids, Components)	11/23/2020	11/23/2025	Reimbursable		WSTF	SAA-RA-20-31187
1414	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
1415	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
1416	28204	THE BOEING COMPANY	Perform R40b thruster testing and provide test data results.	9/13/2018	9/13/2025	Reimbursable		WSTF	SAA-RA-18-28204