

Licença	Companhia	Veículo	Órbita	Massa Foguete [kg]	Massa Payload [kg]	Sítio de Lançamento	Seguro de responsabilidade civil (milhões US\$)			Seguro de propriedade governamental (milhões US\$)			Total (milhões US\$)
							Voo	Operação de Solo	Total	Voo	Operação de Solo	Total	
LLO 00-053 (PDF)	Orbital Sciences, LLC	Standard Pegasus, Standard Pegasus with Hydrazine Auxiliary Propulsion System (HAPS), Pegasus XL and Pegasus XL with HAPS launch vehicles, in combination with the L-1011 carrier aircraft	LEO	24000	450	Vandenberg Air Force Base (VAFB)	37	10	47	1	8,6	9,6	56,6
LLO 01-058 (Rev 3) (PDF)	Orbital Sciences, LLC	Standard Pegasus, Standard Pegasus with Hydrazine Auxiliary Propulsion System (HAPS), Pegasus XL and Pegasus XL with HAPS launch vehicles, in combination with the L-1011 carrier aircraft	LEO	24000	450	WFF, Wallops Island, Virginia	43,5	10	53,5	1	1	2	55,5
LLO 01-059 (Rev 3) (PDF)	Orbital Sciences, LLC	Standard Pegasus, Standard Pegasus with Hydrazine Auxiliary Propulsion System (HAPS), Pegasus XL and Pegasus XL with HAPS launch vehicles, in combination with the L-1011 carrier aircraft	LEO	24000	450	CCAFS, Florida	37,5	10	47,5	1	1	2	49,5
LLO 01-064 (PDF)	Lockheed Martin Commercial Launch Services	Atlas V 401	GTO - LEO	0	9800	CCAFS, Florida	45	6	51	21	7	28	79
LLO 01-064 (PDF)	Lockheed Martin Commercial Launch Services	Atlas V 411	GTO - LEO	0	12030	CCAFS, Florida	112,5	6	118,5	100	7	107	225,5
LLO 01-064 (PDF)	Lockheed Martin Commercial Launch Services	Atlas V 421	GTO - LEO	0	13600	CCAFS, Florida	193,5	6	199,5	100	7	107	306,5
LLO 01-064 (PDF)	Lockheed Martin Commercial Launch Services	Atlas V 431	GTO - LEO	0	15260	CCAFS, Florida	261	6	267	100	7	107	374
LLO 01-064 (PDF)	Lockheed Martin Commercial Launch Services	Atlas V 521	GTO - LEO	0	13500	CCAFS, Florida	193,5	6	199,5	100	7	107	306,5
LLO 01-064 (PDF)	Lockheed Martin Commercial Launch Services	Atlas V 531	GTO - LEO	0	15530	CCAFS, Florida	261	6	267	100	7	107	374
LLO 04-069 (Rev 3) (PDF)	Orbital Sciences Corp	Standard Pegasus, Standard Pegasus with Hydrazine Auxiliary Propulsion System (HAPS), Pegasus XL, and Pegasus XL with HAPS launch vehicles, in combination with the L-1011 carrier aircraft	Any and LEO	24000	450	U.S. Army Garrison Kwajalein Atoll Ronald Reagan Ballistic Test Site (USAG-KARTS), Marshall Islands	57	0	57	1	0	1	58
LLO 11-078 (PDF)	Lockheed Martin Commercial Launch Services	Atlas V - 401	SSO	0	8080	Vandenberg Air Force Base (VAFB)	36	99	135	21	2,3	23,3	158,3
LLO 13-083 (PDF)	Orbital Sciences Corp	Minotaur I	LEO	0	580	WFF, Wallops Island, Virginia	22,5	9	31,5	50	10	60	91,5
LLO 14-091 (Rev 4) (PDF)	Orbital Sciences Corp	Antares Configuration 230+ launch vehicles	LEO	0	8000	WFF, Wallops Island, Virginia	90	9	99	44	5	49	148
LLO 16-094 (Rev 2) (PDF)	Orbital Sciences, LLC	Minotaur IV	Ground Ops	0	0	Vandenberg Air Force Base (VAFB)		27	27		42	42	69
LLO 17-099 (PDF)	Orbital Sciences Corp	Minotaur IV	LEO	0	3144	CCAFS, Florida	150	27	177	30	21	51	228
LLO 18-105 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon 9 NASA Dragon 1 CRS missions, if the flight does not include first stage return to land (LZ-1)	LEO or GTO	550000	22800	CCAFS, Florida	68	12	80	92	43	135	215
LLO 18-105 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon 9	LEO or GTO	550000	22800	CCAFS, Florida	86	12	98	100	43	143	241
LLO 18-105 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon 9 NASA Dragon 1 CRS missions if the flight includes a first stage return to land (LZ1)	LEO or GTO	550000	22800	CCAFS, Florida	160	12	172	92	43	135	307
LLO 18-105 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon 9 Transporter-1 and Transporter-2 mission	LEO or GTO	550000	22800	CCAFS, Florida	180	12	192	100	43	143	335
LLO 18-111 (Rev 2) (PDF)	Space Exploration Technologies Corporation	Falcon 9	LEO	550000	22800	Vandenberg Air Force Base (VAFB)	53	9	62	61	2	63	125
LLO 18-111 (Rev 2) (PDF)	Space Exploration Technologies Corporation	Falcon 9 that includes first stage return to launch site (LZ-4)	LEO	550000	22800	Vandenberg Air Force Base (VAFB)	50	9	59	100	2	102	161
LLO 18-111 (Rev 2) (PDF)	Space Exploration Technologies Corporation	Falcon 9 for Starlink Group 2 missions	LEO	550000	22800	Vandenberg Air Force Base (VAFB)	150	9	159	44	2	46	205
LLO 18-113 (Rev 1) (PDF)	United Launch Alliance	Atlas V 401	GTO	0	4750	CCAFS, Florida	22,5	6	28,5	11	11	22	50,5
LLO 18-113 (Rev 1) (PDF)	United Launch Alliance	Atlas V 411	GTO	0	5950	CCAFS, Florida	80	6	86	11	11	22	108
LLO 18-113 (Rev 1) (PDF)	United Launch Alliance	Atlas V 421 and 521	GTO	0	6890	CCAFS, Florida	107	6	113	11	11	22	135
LLO 18-113 (Rev 1) (PDF)	United Launch Alliance	Atlas V 431 and 531	GTO	0	7700	CCAFS, Florida	140	6	146	11	11	22	168
LLO 18-113 (Rev 1) (PDF)	United Launch Alliance	Atlas V 541	GTO	0	8290	CCAFS, Florida	164	6	170	11	11	22	192
LLO 18-113 (Rev 1) (PDF)	United Launch Alliance	Atlas V 551	GTO	0	8900	CCAFS, Florida	182	6	188	11	11	22	210
LLO 19-110 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon 9	GTO	550000	22800	Kennedy Space Center, Florida	53	12	65	72	63	135	200
LLO 19-110 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon 9	LEO	550000	22800	Kennedy Space Center, Florida	86	12	98	72	63	135	233
LLO 19-110 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon 9 for NASA CRS Dragon 1 RTLS missions or the NROL108 mission	LEO	550000	22800	Kennedy Space Center, Florida	160	24	184	100	63	163	347
LLO 19-110 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon 9 for NASA CCP or CRS Dragon 2 missions or the Inspiration4 mission	LEO	550000	22800	Kennedy Space Center, Florida	70	129	199	72	63	135	334
LLO 19-110 (Rev 7) (PDF)	Space Exploration Technologies Corporation	Falcon Heavy	GTO	0	26700	Kennedy Space Center, Florida	180	12	192	100	72	172	364
LLO 19-117 (Rev 6) (PDF)	Rocket Lab Global	Electron	LEO	0	300	Mahia Peninsula in Hawkes Bay, New Zealand	11	0	11	0	0	0	11
LLO 20-118 (Rev 4) (PDF)	Astra Space, Inc.	Astra Rocket v3	LEO Polar	0	100	Pacific Spaceport Complex - Alaska (PSCA)	30	3	33	0	0	0	33
LLO 20-120 (PDF)	Rocket Lab Global	Electron	LEO	0	300	WFF, Wallops Island, Virginia	15	3	18	16	3	19	37
LLS 21-221 (PDF)	Firefly Aerospace	Alpha - Multiple payloads	LEO	0	1000	Vandenberg Air Force Base (VAFB)	80	6	86	25	1	26	112
LRLO 16-092 (Rev 3) (PDF)	Virgin Galactic	SpaceShipTwo - Mojave	Suborbital	0	0	Mojave Air and Space Port, California	45	3	48	0	0	0	48
LRLO 16-092 (Rev 3) (PDF)	Virgin Galactic	SpaceShipTwo - Spaceport America	Suborbital	0	0	Spaceport America (SPA), New Mexico	36	3	39	0	0	0	39
LRLO 17-105 (Rev 3) (PDF)	Blue Origin	New Shepard System	Suborbital	0	0	Blue Origin's Launch Site One	150		150	0	0	0	150
LRLO 18-109 (Rev 1) (PDF)	Exos Aerospace	SARGE reusable launch vehicle	Suborbital	0	0	Spaceport America (SPA), New Mexico	6	3	9	0	0	0	9
LRLO 20-119C (PDF)	Space Exploration Technologies Corporation	Starship Prototype	Suborbital	0	0	SpaceX's Boca Chica Launch Site	500	3	503	0	0	0	503
LRLO 21-123 (PDF)	Virgin Orbit, LLC	LauncherOne (L1)	LEO	0	500	Mojave Air and Space Port, California	64	3	67	0	0	0	67
LRLO 21-123 (PDF)	Virgin Orbit, LLC	LauncherOne (L1)	LEO	0	500	Andersen Air Force Base, Guam	139	3	142	0	0	0	142