



Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 26 February 2025 from the Permanent Mission of the United States of America to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United States of America to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution [3235 \(XXIX\)](#), annex), has the honour to transmit registration data on objects launched into outer space by the United States for December 2024 (see annex).¹

The United States requests that the space objects contained in the annex to the present document be placed on the Register of Objects Launched into Outer Space maintained by the United Nations. In submitting this request, the United States notes that, consistent with its long-standing registration practice, the United States is not necessarily a launching State for each of the space objects it registers. The United States makes this request in the spirit of contributing to the practical effectiveness of the treaties and is providing information to the greatest extent practicable.

¹ The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 4 March 2025.



Annex

A. Registration data on space launches by the United States of America for December 2024*

The following report supplements the registration data on United States space launches as at 31 December 2024.

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
The following objects were launched after the last report and remained in orbit as at 2359Z on 31 December 2024:									
2024-229A	Starlink-32686	4 December 2024	AFETR	93.99	43	470	469	C	-
2024-229B	Starlink-32688	4 December 2024	AFETR	93.99	43	471	469	C	-
2024-229C	Starlink-32684	4 December 2024	AFETR	93.99	43	471	468	C	-
2024-229D	Starlink-32672	4 December 2024	AFETR	93.99	43	470	469	C	-
2024-229E	Starlink-32682	4 December 2024	AFETR	91.1	43	330	327	C	-
2024-229F	Starlink-32663	4 December 2024	AFETR	93.99	43	471	469	C	-
2024-229G	Starlink-32640	4 December 2024	AFETR	93.99	43	471	468	C	-
2024-229H	Starlink-32653	4 December 2024	AFETR	93.46	43	445	443	C	-
2024-229J	Starlink-32647	4 December 2024	AFETR	93.99	43	471	468	C	-
2024-229K	Starlink-32667	4 December 2024	AFETR	93.99	43	470	469	C	-
2024-229L	Starlink-32655	4 December 2024	AFETR	93.99	43	471	468	C	-
2024-229M	Starlink-32665	4 December 2024	AFETR	93.99	43	471	468	C	-
2024-229N	Starlink-32664	4 December 2024	AFETR	93.99	43	470	469	C	-
2024-229P	Starlink-32660	4 December 2024	AFETR	93.46	43	445	443	C	-
2024-229Q	Starlink-32448	4 December 2024	AFETR	93.99	43	470	469	C	-
2024-229R	Starlink-32430	4 December 2024	AFETR	93.99	43	470	469	C	-
2024-229S	Starlink-32675	4 December 2024	AFETR	93.99	43	470	469	C	-
2024-229T	Starlink-32671	4 December 2024	AFETR	93.99	43	471	469	C	-
2024-229U	Starlink-32670	4 December 2024	AFETR	93.99	43.01	472	468	C	-
2024-229V	Starlink-32642	4 December 2024	AFETR	93.99	43.01	471	468	C	-
2024-229W	Starlink-32668	4 December 2024	AFETR	93.99	43	470	469	C	-
2024-229X	Starlink-32669	4 December 2024	AFETR	93.99	43	471	469	C	-

* The registration data are reproduced in the form in which they were received.

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2024-229Y	Starlink-32666	4 December 2024	AFETR	93.99	43	471	469	C	-
2024-229Z	Starlink-32662	4 December 2024	AFETR	93.99	43	471	469	C	-
2024-231A	Starlink-11394	5 December 2024	AFWTR	91.33	53.16	341	338	C	-
2024-231B	Starlink-11490	5 December 2024	AFWTR	91.33	53.16	341	339	C	-
2024-231C	Starlink-11466	5 December 2024	AFWTR	91.52	53.16	350	348	C	-
2024-231D	Starlink-11468	5 December 2024	AFWTR	91.74	53.16	361	359	C	-
2024-231E	Starlink-11488	5 December 2024	AFWTR	91.68	53.16	358	356	C	-
2024-231F	Starlink-11483	5 December 2024	AFWTR	91.33	53.16	341	338	C	-
2024-231G	Starlink-11492	5 December 2024	AFWTR	91.74	53.16	361	359	C	-
2024-231H	Starlink-11471	5 December 2024	AFWTR	91.33	53.16	341	339	C	-
2024-231J	Starlink-11475	5 December 2024	AFWTR	91.33	53.15	341	338	C	-
2024-231K	Starlink-11469	5 December 2024	AFWTR	91.74	53.16	361	359	C	-
2024-231L	Starlink-11476	5 December 2024	AFWTR	91.33	53.15	341	339	C	-
2024-231M	Starlink-11485	5 December 2024	AFWTR	91.74	53.16	361	359	C	-
2024-231N	Starlink-11481	5 December 2024	AFWTR	91.74	53.16	361	359	C	-
2024-231P	Starlink-32650	5 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-231Q	Starlink-32636	5 December 2024	AFWTR	93.53	53.16	449	446	C	-
2024-231R	Starlink-32643	5 December 2024	AFWTR	93.53	53.16	449	446	C	-
2024-231S	Starlink-32652	5 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-231T	Starlink-32631	5 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-231U	Starlink-32641	5 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-234A	Sirius XM-9	5 December 2024	AFETR	1 435.41	0.04	35 783	35 763	C	-
2024-234B	Falcon 9 R/B	5 December 2024	AFETR	404.68	27.05	23 302	187	D	-
2024-231V	Starlink-32632	5 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-237A	Starlink-11496	8 December 2024	AFETR	91.26	43	338	335	C	-
2024-237B	Starlink-11501	8 December 2024	AFETR	91.26	43	339	334	C	-
2024-237C	Starlink-11491	8 December 2024	AFETR	91.26	43	337	336	C	-
2024-237D	Starlink-11479	8 December 2024	AFETR	91.26	43	338	335	C	-
2024-237E	Starlink-11489	8 December 2024	AFETR	91.26	43	338	336	C	-
2024-237F	Starlink-11494	8 December 2024	AFETR	91.26	43	337	336	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2024-237G	Starlink-11333	8 December 2024	AFETR	91.26	43	337	336	C	-
2024-237H	Starlink-11504	8 December 2024	AFETR	91.26	43	337	336	C	-
2024-237J	Starlink-11495	8 December 2024	AFETR	91.26	43	337	336	C	-
2024-237K	Starlink-11498	8 December 2024	AFETR	91.26	43	338	335	C	-
2024-237L	Starlink-11484	8 December 2024	AFETR	91.26	43	337	336	C	-
2024-237M	Starlink-11487	8 December 2024	AFETR	91.26	43	337	336	C	-
2024-237N	Starlink-11499	8 December 2024	AFETR	91.67	43	358	356	C	-
2024-237P	Starlink-33548	8 December 2024	AFETR	93.46	43	445	443	C	-
2024-237Q	Starlink-33544	8 December 2024	AFETR	93.46	43.01	446	443	C	-
2024-237R	Starlink-33560	8 December 2024	AFETR	93.46	43	445	443	C	-
2024-237S	Starlink-33547	8 December 2024	AFETR	93.46	43.01	446	442	C	-
2024-237T	Starlink-33563	8 December 2024	AFETR	93.46	43	445	443	C	-
2024-237U	Starlink-33550	8 December 2024	AFETR	93.47	43.01	445	443	C	-
2024-237V	Starlink-33564	8 December 2024	AFETR	93.46	43	445	443	C	-
2024-237W	Starlink-33546	8 December 2024	AFETR	93.46	43	445	443	C	-
2024-237X	Starlink-33565	8 December 2024	AFETR	93.46	43.01	445	443	C	-
2024-237Y	Starlink-33549	8 December 2024	AFETR	93.46	43.01	445	443	C	-
2024-239A	Starlink-32648	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239B	Starlink-32594	13 December 2024	AFWTR	92.03	53.16	375	373	C	-
2024-239C	Starlink-32621	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239D	Starlink-32597	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239E	Starlink-32649	13 December 2024	AFWTR	93.53	53.16	448	447	C	-
2024-239F	Starlink-32633	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239G	Starlink-32646	13 December 2024	AFWTR	93.53	53.16	449	446	C	-
2024-239H	Starlink-32706	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239J	Starlink-32678	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239K	Starlink-32696	13 December 2024	AFWTR	93.53	53.16	448	447	C	-
2024-239L	Starlink-32700	13 December 2024	AFWTR	93.53	53.16	448	447	C	-
2024-239M	Starlink-32698	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239N	Starlink-32634	13 December 2024	AFWTR	93.53	53.16	448	446	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2024-239P	Starlink-32651	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239Q	Starlink-32627	13 December 2024	AFWTR	92.07	53.16	378	374	C	-
2024-239R	Starlink-32596	13 December 2024	AFWTR	93.53	53.16	448	447	C	-
2024-239S	Starlink-32519	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239T	Starlink-32576	13 December 2024	AFWTR	93.42	53.16	443	441	C	-
2024-239U	Starlink-32527	13 December 2024	AFWTR	93.53	53.16	448	446	C	-
2024-239V	Starlink-32481	13 December 2024	AFWTR	93.53	53.16	448	447	C	-
2024-239W	Starlink-32645	13 December 2024	AFWTR	93.53	53.16	448	447	C	-
2024-239X	Starlink-32654	13 December 2024	AFWTR	93.44	53.16	444	442	C	-
2024-242A	Navstar 83 (USA 440)	17 December 2024	AFETR	718.01	55	20 195	20 171	C	-
2024-243A	USA 441	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243B	USA 442	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243C	USA 443	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243D	USA 444	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243E	USA 445	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243F	USA 446	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243G	USA 447	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243H	USA 448	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243J	USA 449	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243K	USA 450	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243L	USA 451	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243M	USA 452	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243N	USA 453	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243P	USA 454	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243Q	USA 455	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243R	USA 456	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243S	USA 457	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243T	USA 458	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243U	USA 459	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243V	USA 460	17 December 2024	AFWTR	90.85	60.99	309	305	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2024-243W	USA 461	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-243X	USA 462	17 December 2024	AFWTR	90.85	60.99	309	305	C	-
2024-244C	Falcon 9 R/B	17 December 2024	AFETR	196.9	8.85	7000	2666	D	-
2024-247AA	CTC-0	21 December 2024	AFWTR	94.68	44.99	506	500	C	-
2024-247B	TANSTAAFL-2	21 December 2024	AFWTR	94.8	44.99	510	507	C	-
2024-247C	Hawk-11B	21 December 2024	AFWTR	94.78	45.01	510	506	C	-
2024-247E	Hawk-11C	21 December 2024	AFWTR	94.78	45	510	506	C	-
2024-247F	Hawk-11A	21 December 2024	AFWTR	94.78	44.99	509	507	C	-
2024-247G	LizzieSat-2	21 December 2024	AFWTR	94.77	45	509	506	C	-
2024-247K	Tomorrow-S4	21 December 2024	AFWTR	94.80	45	512	506	C	-
2024-247M	GITAI-SC1	21 December 2024	AFWTR	94.82	45	512	508	C	-
2024-247R	Tomorrow-S3	21 December 2024	AFWTR	94.79	45	510	506	C	-
2024-247Z	XCUBE-1	21 December 2024	AFWTR	94.76	44.99	510	505	C	-
2024-249A	Starlink-11444	23 December 2024	AFETR	91.27	43	338	335	C	-
2024-249B	Starlink-11493	23 December 2024	AFETR	91.27	43	338	335	C	-
2024-249C	Starlink-11453	23 December 2024	AFETR	91.27	43	339	335	C	-
2024-249D	Starlink-11462	23 December 2024	AFETR	91.27	43	338	336	C	-
2024-249E	Starlink-11441	23 December 2024	AFETR	91.27	43	338	336	C	-
2024-249F	Starlink-11445	23 December 2024	AFETR	91.27	43	338	336	C	-
2024-249G	Starlink-11355	23 December 2024	AFETR	91.26	43	338	336	C	-
2024-249H	Starlink-11446	23 December 2024	AFETR	91.27	43	338	335	C	-
2024-249J	Starlink-11428	23 December 2024	AFETR	91.26	43	338	335	C	-
2024-249K	Starlink-11447	23 December 2024	AFETR	91.26	43	338	335	C	-
2024-249L	Starlink-11439	23 December 2024	AFETR	91.26	43	338	335	C	-
2024-249M	Starlink-11434	23 December 2024	AFETR	91.26	43	338	335	C	-
2024-249N	Starlink-11461	23 December 2024	AFETR	91.23	43	336	334	C	-
2024-249P	Starlink-32692	23 December 2024	AFETR	92.87	43	416	414	C	-
2024-249Q	Starlink-32680	23 December 2024	AFETR	92.87	43	416	414	C	-
2024-249R	Starlink-32638	23 December 2024	AFETR	92.95	43	420	418	C	-
2024-249S	Starlink-32283	23 December 2024	AFETR	92.87	43	416	414	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2024-249T	Starlink-32676	23 December 2024	AFETR	92.87	43	416	414	C	-
2024-249U	Starlink-32659	23 December 2024	AFETR	93.27	43	435	433	C	-
2024-249V	Starlink-32614	23 December 2024	AFETR	92.87	43	416	414	C	-
2024-249W	Starlink-32418	23 December 2024	AFETR	92.87	43	416	414	C	-
2024-251A	Starlink-32702	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251B	Starlink-32712	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251C	Starlink-32674	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251D	Starlink-32711	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251E	Starlink-32697	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251F	Starlink-32693	29 December 2024	AFWTR	91.12	53.16	332	328	C	-
2024-251G	Starlink-32721	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251H	Starlink-32709	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251J	Starlink-32689	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251K	Starlink-32724	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251L	Starlink-32291	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251M	Starlink-32736	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251N	Starlink-32737	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251P	Starlink-32683	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251Q	Starlink-32726	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251R	Starlink-32730	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251S	Starlink-32719	29 December 2024	AFWTR	91.36	53.16	342	340	C	-
2024-251T	Starlink-32723	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251U	Starlink-32722	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251V	Starlink-32720	29 December 2024	AFWTR	91.59	53.16	353	352	C	-
2024-251W	Starlink-32656	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-251X	Starlink-32690	29 December 2024	AFWTR	91.62	53.16	355	353	C	-
2024-252E	Falcon 9 R/B	29 December 2024	AFETR	1 239.42	12.4	63 474	212	D	-
2024-254A	Starlink-11518	31 December 2024	AFETR	91.08	42.99	329	327	C	-
2024-254B	Starlink-11455	31 December 2024	AFETR	90.89	42.99	320	317	C	-
2024-254C	Starlink-11459	31 December 2024	AFETR	90.98	42.99	323	322	C	-

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2024-254D	Starlink-11178	31 December 2024	AFETR	90.89	42.99	320	317	C	-
2024-254E	Starlink-11506	31 December 2024	AFETR	90.89	42.99	319	317	C	-
2024-254F	Starlink-11486	31 December 2024	AFETR	90.89	42.99	319	317	C	-
2024-254G	Starlink-11511	31 December 2024	AFETR	90.89	42.99	320	317	C	-
2024-254H	Starlink-11505	31 December 2024	AFETR	90.89	42.99	319	317	C	-
2024-254J	Starlink-11497	31 December 2024	AFETR	90.89	42.99	320	317	C	-
2024-254K	Starlink-11477	31 December 2024	AFETR	90.89	42.99	319	317	C	-
2024-254L	Starlink-11500	31 December 2024	AFETR	90.89	42.99	319	317	C	-
2024-254M	Starlink-11464	31 December 2024	AFETR	90.89	42.99	319	317	C	-
2024-254N	Starlink-11502	31 December 2024	AFETR	90.89	42.99	319	317	C	-
2024-254P	Starlink-32657	31 December 2024	AFETR	91.24	43	336	334	C	-
2024-254Q	Starlink-32734	31 December 2024	AFETR	91.24	43	336	334	C	-
2024-254R	Starlink-32733	31 December 2024	AFETR	91.24	43	337	335	C	-
2024-254S	Starlink-32707	31 December 2024	AFETR	91.25	43	337	335	C	-
2024-254T	Starlink-32705	31 December 2024	AFETR	91.25	43	337	335	C	-
2024-254U	Starlink-32743	31 December 2024	AFETR	91.25	43	337	335	C	-
2024-254V	Starlink-32753	31 December 2024	AFETR	91.26	43	337	335	C	-
2024-254W	Starlink-32699	31 December 2024	AFETR	91.26	43	337	335	C	-

The following objects not previously reported were identified after the last report and remained in orbit as at 2359Z on 31 December 2024:

None.

The following objects achieved orbit after the last report but were no longer in orbit as at 2359Z on 31 December 2024:

None.

The following objects were launched after the last report but did not achieve orbit:

None.

The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 December 2024:

2020-074R	-	-	-	-	-	-	-	-	2 December 2024
2023-174DD	-	-	-	-	-	-	-	-	3 December 2024
2020-038BE	-	-	-	-	-	-	-	-	4 December 2024
2020-006X	-	-	-	-	-	-	-	-	5 December 2024
2018-099C	-	-	-	-	-	-	-	-	6 December 2024

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>	<i>Date of decay</i>
				<i>Nodal period (minutes)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>		
2021-038AL	-	-	-	-	-	-	-	-	7 December 2024
2019-074BD	-	-	-	-	-	-	-	-	8 December 2024
2021-005BB	-	-	-	-	-	-	-	-	9 December 2024
2020-038BH	-	-	-	-	-	-	-	-	10 December 2024
2023-017B	-	-	-	-	-	-	-	-	11 December 2024
2023-084AM	-	-	-	-	-	-	-	-	11 December 2024
2022-175AA	-	-	-	-	-	-	-	-	12 December 2024
2020-006F	-	-	-	-	-	-	-	-	15 December 2024
2022-049AG	-	-	-	-	-	-	-	-	16 December 2024
2022-053AD	-	-	-	-	-	-	-	-	16 December 2024
2022-053AS	-	-	-	-	-	-	-	-	16 December 2024
2014-033AG	-	-	-	-	-	-	-	-	17 December 2024
2020-068R	-	-	-	-	-	-	-	-	17 December 2024
2021-009AY	-	-	-	-	-	-	-	-	17 December 2024
2022-057Z	-	-	-	-	-	-	-	-	17 December 2024
2023-084AU	-	-	-	-	-	-	-	-	17 December 2024
2023-084AX	-	-	-	-	-	-	-	-	17 December 2024
2024-200A	-	-	-	-	-	-	-	-	17 December 2024
2020-035F	-	-	-	-	-	-	-	-	18 December 2024
2020-038AJ	-	-	-	-	-	-	-	-	18 December 2024
2020-088N	-	-	-	-	-	-	-	-	18 December 2024
2021-082AS	-	-	-	-	-	-	-	-	18 December 2024
2022-076AM	-	-	-	-	-	-	-	-	18 December 2024
2024-164T	-	-	-	-	-	-	-	-	18 December 2024
2022-001AW	-	-	-	-	-	-	-	-	19 December 2024
2023-046A	-	-	-	-	-	-	-	-	19 December 2024
2021-104E	-	-	-	-	-	-	-	-	20 December 2024
1984-093E	LEASAT 2 PKM	30 August 1984	-	-	-	-	-	-	21 December 2024
2020-038P	-	-	-	-	-	-	-	-	21 December 2024
2021-024BB	-	-	-	-	-	-	-	-	21 December 2024

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2021-036AC	-	-	-	-	-	-	-	-	21 December 2024
2021-125E	-	-	-	-	-	-	-	-	21 December 2024
2020-055D	-	-	-	-	-	-	-	-	24 December 2024
2021-012AY	-	-	-	-	-	-	-	-	24 December 2024
2022-010E	-	-	-	-	-	-	-	-	24 December 2024
2023-001AG	-	-	-	-	-	-	-	-	24 December 2024
2023-042G	-	-	-	-	-	-	-	-	24 December 2024
2021-040BA	-	-	-	-	-	-	-	-	25 December 2024
2022-005D	-	-	-	-	-	-	-	-	25 December 2024
2022-001J	-	-	-	-	-	-	-	-	26 December 2024
2022-053AM	-	-	-	-	-	-	-	-	26 December 2024
2022-086AR	-	-	-	-	-	-	-	-	26 December 2024
2020-055E	-	-	-	-	-	-	-	-	27 December 2024
2022-051AP	-	-	-	-	-	-	-	-	27 December 2024
2020-038E	-	-	-	-	-	-	-	-	28 December 2024
2020-088G	-	-	-	-	-	-	-	-	28 December 2024
2022-016S	-	-	-	-	-	-	-	-	28 December 2024
2022-041A	-	-	-	-	-	-	-	-	28 December 2024
2022-086AU	-	-	-	-	-	-	-	-	28 December 2024
2022-097AS	-	-	-	-	-	-	-	-	28 December 2024
2020-038AP	-	-	-	-	-	-	-	-	29 December 2024
2021-021K	-	-	-	-	-	-	-	-	29 December 2024
2022-005AT	-	-	-	-	-	-	-	-	29 December 2024
2022-045BC	-	-	-	-	-	-	-	-	29 December 2024
2022-083B	-	-	-	-	-	-	-	-	29 December 2024
2022-114AW	-	-	-	-	-	-	-	-	29 December 2024
2022-125AB	-	-	-	-	-	-	-	-	29 December 2024
2021-017AY	-	-	-	-	-	-	-	-	30 December 2024
2022-114AZ	-	-	-	-	-	-	-	-	30 December 2024
2004-034B	-	-	-	-	-	-	-	-	31 December 2024

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object	Date of decay
				Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		
2020-055AW	-	-	-	-	-	-	-	-	31 December 2024
2021-005AX	-	-	-	-	-	-	-	-	31 December 2024
2021-017E	-	-	-	-	-	-	-	-	31 December 2024
2021-021AH	-	-	-	-	-	-	-	-	31 December 2024
2022-025AC	-	-	-	-	-	-	-	-	31 December 2024
2022-104AP	-	-	-	-	-	-	-	-	31 December 2024
2023-141G	-	-	-	-	-	-	-	-	31 December 2024
The following objects were not previously reported and were no longer in orbit as at 2359Z on 31 December 2024:									
1998-067XA	DORA	[8 October 2024]	-	-	-	-	-	-	3 December 2024
The following objects were deployed on a non-Earth celestial body:									
None.									
Additional information:									
None.									

Abbreviations and key

Location of the launch: AFETR, United States Air Force Eastern Test Range; and AFWTR, United States Air Force Western Test Range.

General function of the space object:

- A Spacecraft engaged in investigation of spaceflight techniques and technology
- B Spacecraft engaged in research and exploration of the upper atmosphere or outer space
- C Spacecraft engaged in practical applications and uses of space technology such as weather or communications
- D Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
- E Reusable space transportation systems