



**Secretariat**

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**Committee on the Peaceful  
Uses of Outer Space**

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

**Note verbale dated 20 January 2005 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) presents its compliments to the Secretary-General of the United Nations and, 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 space launches by the United States in November and December 2004 (see annex).

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## Annex

### Registration data on space launches by the United States of America in November and December 2004\*

#### November 2004

1. The following report supplements the registration data on United States launches as at 30 November 2004. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</i>
			<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects were launched since the last report and remain in orbit:							
2004-045A	Navstar 56 (USA 180)	6 November 2004	356.6	39.1	20 396	174	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2004-045B	Delta 2 R/B (1)	6 November 2004	99.7	33.1	1 308	176	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-045C	Delta 2 R/B (2)	6 November 2004	356.3	39.0	20 359	181	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-047A	SWIFT	20 November 2004	96.7	20.5	610	595	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2004-047B	Delta 2 R/B	20 November 2004	92.6	19.5	605	212	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:							
1972-058B	Delta 2 R/B	23 July 1972	89.5	98.3	255	244	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

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

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</i>
			<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 30 November 2004:							
None.							
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 30 November 2004:							
None.							
The following objects identified in a previous report were no longer in orbit as at 2400Z 30 November 2004:							
1965-082AP, 1970-025HQ, 1974-089DX, 1978-026HP, 1994-058A, 1994-029ADJ, 1999-035D, 1983-113F							
The following objects were launched since the last report but did not achieve orbit:							
None.							
Revisions that should be made to previously reported data:							
2004-025A	Aprizesat 2	29 June 2004	100.3	98.0	852.1	695.4	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2004-025G	Aprizesat 1	29 June 2004	99.5	98.0	766	698.8	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

## December 2004

2. The following report supplements the registration data on United States launches as at 31 December 2004. All launches were made from the territory of the United States unless otherwise specified.

<i>International designation</i>	<i>Name of space object</i>	<i>Date of launch</i>	<i>Basic orbital characteristics</i>				<i>General function of space object</i>
			<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
The following objects were launched since the last report and remain in orbit:							
2004-048A	AMC 16	17 December 2004	143.6	27.2	5 329	181	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2004-048B	Atlas V Centaur R/B	17 December 2004	698.1	18.2	35 625	4 798	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2004-050A	Delta IV Demo Spacecraft	21 December 2004	645.5	27.2	36 367	280	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
The following objects not previously reported have been identified since the last report:							
None.							
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z 31 December 2004:							
None.							
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 December 2004:							
None.							
The following objects identified in a previous report were no longer in orbit as at 2400Z 31 December 2004:							
1972-058B, 1973-086BW, 1976-066C, 1999-035C, 1999-035E, 2003-020B, 2004-047B							
The following objects were launched since the last report but did not achieve orbit:							
None.							
Revisions that should be made to previously reported data:							
None.							