



# FAA/USSPACECOM Launch Notification

**1) Launch site & launch date:**

**2) Earliest and latest possible launch time (GMT):**

**3) List of objects to achieve orbit - to include payload description, rocket bodies, and all other objects:**

**4) Launch booster, sustainer, and strap-on descriptions:**

**5) Launch operator POC - to include name, address, & phone numbers:**

**6) Orbital parameters for all objects achieving orbit •**

**a) inertial launch azimuth at liftoff:**

**b) inertial flight azimuth after liftoff:**

**c) epoch time:**

**d) nominal period (min):**

**e) inclination (deg):**

**f) eccentricity:**

**g) semi major axis (km):**

**h) argument of perigee (deg):**

**i) right ascension of ascending node (deg):**

**j) mean anomaly (deg):**

**k) start time of orbit (hh:mm:ss after launch):**

**l) end time of orbit (hh:mm:ss after launch):**

**7) Injection data •**

**a) injection point latitude (deg n or s) & longitude (deg e):**

**b) inertial azimuth at injection point:**

**c) height above earth (km):**

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d) injection time (hh:mm:ss after liftoff):

8) Sequence of events from liftoff to final injection. Give the times (hh:mm:ss after liftoff)

a) separation of each motor:

b) ignition of each motor:

c) cutoff of each motor:

d) jettison of pieces:

e) maneuvers:

f) reorientations:

g) deorbit:

h) ejection of special packages or other experiments:

9) Optional - Schedule for events (not Included in no. 8), such as ejection of experiments, maneuvering (unclassified missions), jettison of parts, extension of antenna and solar arrays, venting, spinning or despinning attitude changes, reorientation, or anything which may affect the orbital characteristics:

10) A brief narrative description of the mission:

11) Transmitting frequencies and power (required only if space surveillance is required), including device, band, power (watts), frequency (mhz), and emission scheduled by fixed program, command, or transponder tracking:

12) Orbital objects cataloging Instructions (include all orbital objects listed in no. 3, including common name, international designation, and country):

Paperwork Reduction Act Burden Statement: The FAA is required to submit this information to US Space Command. This form is sent to US Space Command 15 days prior to the planned launch date. A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0608. Public reporting for this collection of information is estimated to be approximately 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are required to obtain or retain benefits per 14 CFR Parts 413, 415 and 417. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.