**INSTRUCTIONS**

**How to fill out a ready minus 15 report (r-15) vehicle information**

**Message (vim)**

**ITEM ENTRY**

1 Launch site (Site, Pad, Country)

2 Launch date (GMT)

3 Earliest launch time. (GMT, HH:MM:SS)

3A Latest launch time. (GMT, HH:MM:SS)

4 List the total number and name of each object to achieve orbit.

4A Payload(s) to achieve orbit. Include the nominal (operational) lifetime and operating position for each.

4B Rocket bodies (booster segments) to achieve orbit. If none achieve orbit, enter "none.”

4C All other objects achieving orbit, including debris, debris clusters, bolts, and so forth. If none will achieve orbit, enter "none."

5 Launch booster and sustainer description. If booster is augmented by strap-on motors, list the number and type.

6 Point of contact (POC) for the launch.

7 Mission brief of payload(s).

8 Transmitting frequency and power of all devices (including booster segments and continuous radio transmissions) and schedule and power of all lights (if any) throughout the operational life. Statement of whether emission is fixed by program, command, or transponder tracking signal.

**R-15/VIM REPORT ATTACHMENT A:** Keplerian orbital parameters to include sequence of events from liftoff (HH:MM:SS = 00:00:00) to final injection into operational orbit. Require times for each in HH:MM:SS from liftoff. Eventsinclude: separation of booster(s)/stage(s), motor ignition(s)/cutoff(s), jettison of pieces (fairings etc.), maneuvers and reorientation, deorbit and ejections) of packages/booms and so forth.

**R-15/VIM REPORT**

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| **ITEM 1** | Launch Site: |
| **ITEM 2** | Launch Date: |
| **ITEM 3** | Earliest and latest possible launch time (GMT): |
| **ITEM 3A** | Latest possible launch time (GMT): |
| **ITEM 4** | List the total number and name of each object to achieve orbit. |
| **ITEM 4A** | Payload(s) to achieve orbit. Include the nominal (operational) lifetime and operating position for each: |
| **ITEM 4B** | Rocket bodies (booster segments) to achieve orbit. If none achieve orbit, enter "none.” |
| **ITEM 4C** | All other objects achieving orbit, including debris, debris clusters, bolts, and so forth. If none will achieve orbit, enter "none." |
| **ITEM 5** | Launch booster and sustainer description. If booster is augmented by strap-on motors, list the number and type: |
| **ITEM 6** | Point of contact (POC) for the launch: |
| **ITEM 7** | Mission brief of payload(s): |
| **ITEM 8** | Transmitting frequency and power of all devices (including booster segments and continuous radio transmissions) and schedule and power of all lights (if any) throughout the operational life. Statement of whether emission is fixed by program, command, or transponder tracking signal: |

**R-15/VIM REPORT ATTACHMENT A**

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| MET (s) | Event timeline | Altitudes (km)\*\*\* | | Inclination (deg) | Eccentricity | SMA (km) | Arg. of perigee (deg) | RAAN\*\* (deg) | True Anomaly (deg) | Latitude (deg) | Longi-  tude  (deg) | Relative Velocity (m/s) | Current Altitude (km) | Period (min) |
| Apogee | Perigee |
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**NOTES:**