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INFORMATION REPORT

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SUBJECT: **Orbital Data on Soviet
Sputniks I, II and III**

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1. My institute uses the following values of the initial perigee altitudes in all of our orbital calculations on the Soviet Sputniks:

SPUTNIK I (1957 Alpha Two)--an initial perigee altitude of 225 kilometers.

SPUTNIK II (1957 Beta)--an initial perigee altitude of 240 kilometers.

SPUTNIK III (1958 Delta Two)--an initial perigee altitude of 241 kilometers.

2. As of 1 Nov 58, the perigee altitude for the Sputnik III carrier rocket (1958 Delta One) was 198 kilometers and the apogee was 884 kilometers. As of the same date, the perigee altitude for Sputnik III (1958 Delta Two) was 212 kilometers and the apogee altitude was 1624 kilometers.

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