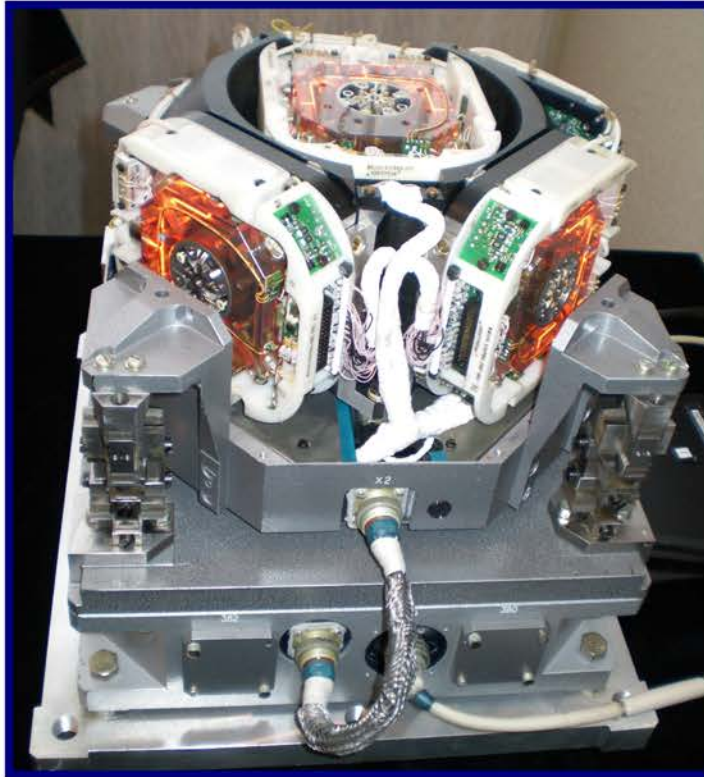
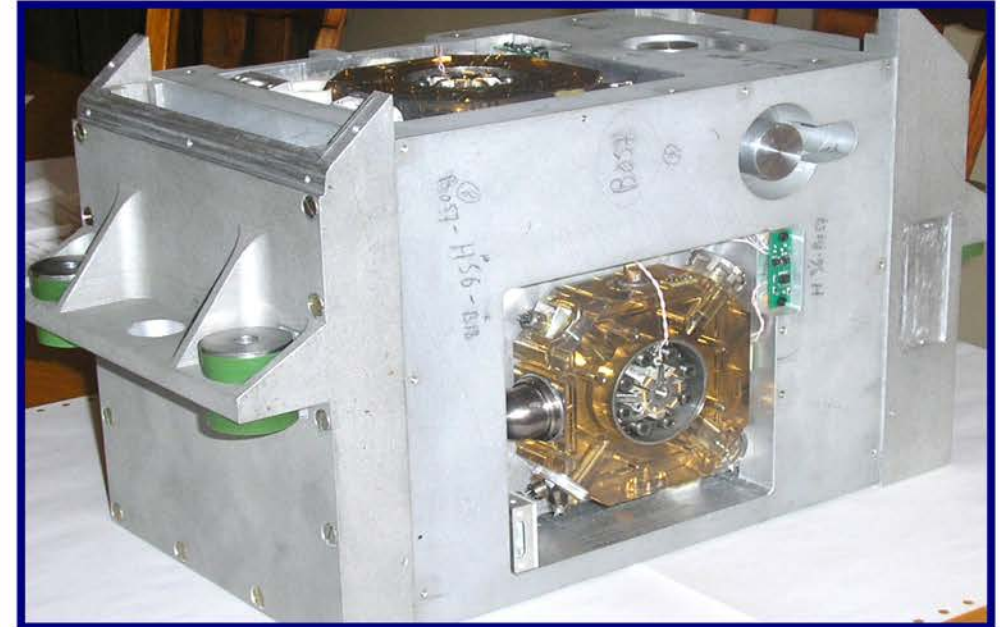


INERTIAL MEASUREMENT UNITS



**IMU-28 inertial measurement unit
(for space launch vehicles)**

- laser gyro bias stability error ≤ 0.017 °/hour
- laser gyro scale factor error $\leq 10^{-5}$
- accelerometer bias stability error $\leq 3 \times 10^{-5}$ g
- accelerometer scale factor error $\leq 10^{-4}$
- random vibration 9.1 g (RMS)



**GM-03AV-16 inertial measurement unit
(for ground objects)**

- position error (integrated with odometer)
at distance ≤ 27 km 47 m
- initial alignment error (gyrocompass mode)
in 10 min 2.5 arc min.
- operating temperature -40...+65 °C
- random vibration 3.9 g (RMS)