

## MODERN AIRBORNE MAGNETIC SURVEYS IN RUSSIA

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In recent years, it running up to 400 000 linear km of modern airborne magnetic surveys in Russia. For surveys are generally used caesium sensors CS-3 (Scintrex, Canada). Depending on the purpose of the work and details required, the sensor is placed in the bird, or in a special stinger on an aircraft. For surveys are used as airplanes and helicopters. Line distance of recording can vary from 2000 m to 50 m, depending on the purpose of work. The results of the survey can be used to create a modern map of the magnetic field of Russia. The main problems associated with data leveling, caused by the need to account for changes of the magnetic field in time.