




GYROSKOPIK FLIGHT INSTRUMENT

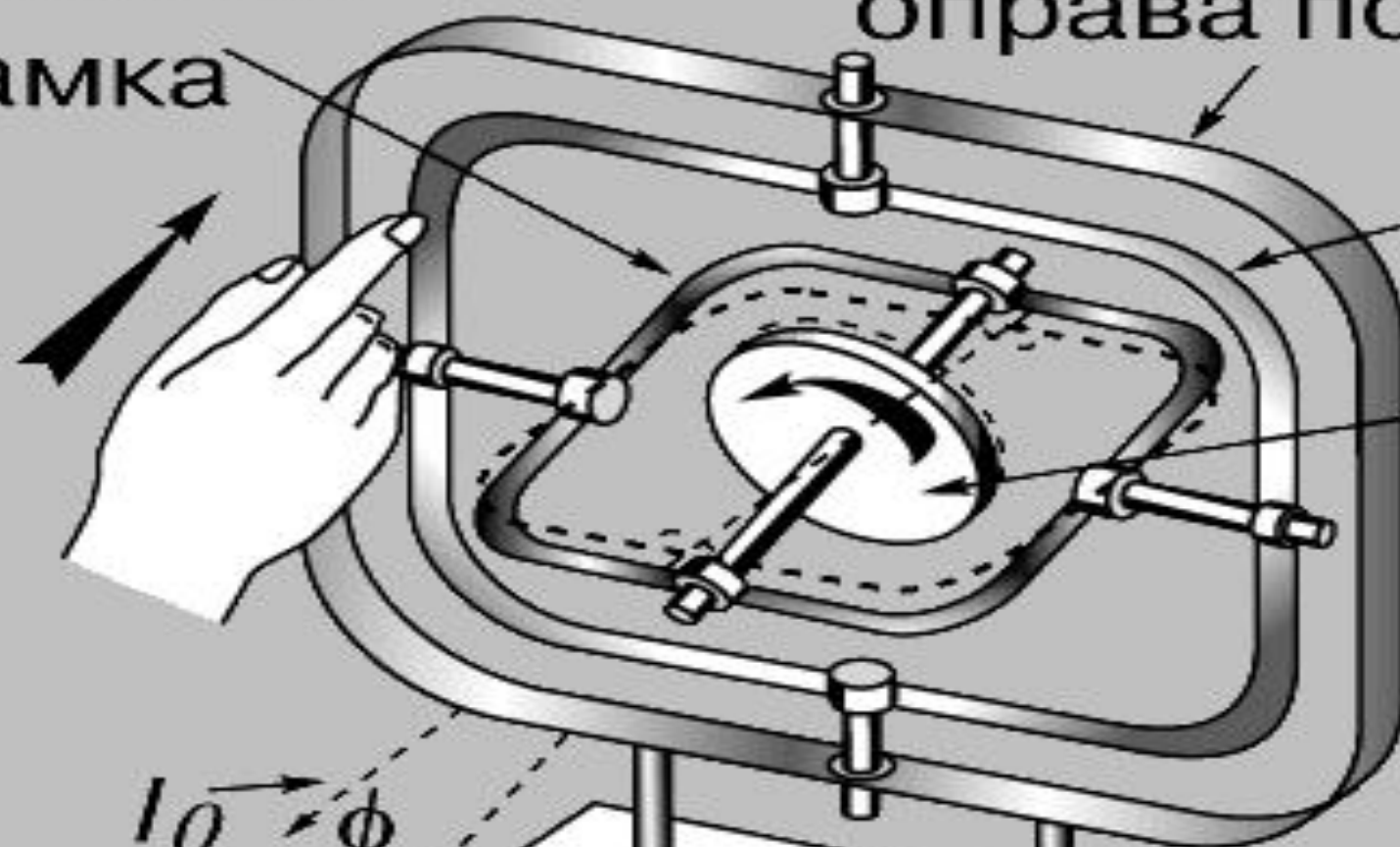
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- Gyroscopes and their principles of operation were known about for many years before any practical use was made of them. Now gyroscopes perform many important functions in a large number of situations.

внутренняя
рамка

оправа подвеса

наружная
рамка

ротор



ω_ϕ

I_θ

I_ψ

основание

ω_θ
 M_θ

- 
- The two fundamental properties of a gyroscope are rigidity in space and precession. Rigidity is the characteristic that makes a gyroscope point in the same direction with respect to space.

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- Precession is the property that tilts or processes the gyro back to the vertical when an outside force tends to act on in such a way as to change the plane of rotation.

БЛЕНКЕР

ШКАЛА
ТАНГАЖА

СИЛУЭТ
САМОЛЁТА

ШКАЛА
КРЕНА

КРЕМАЛЬЕРА

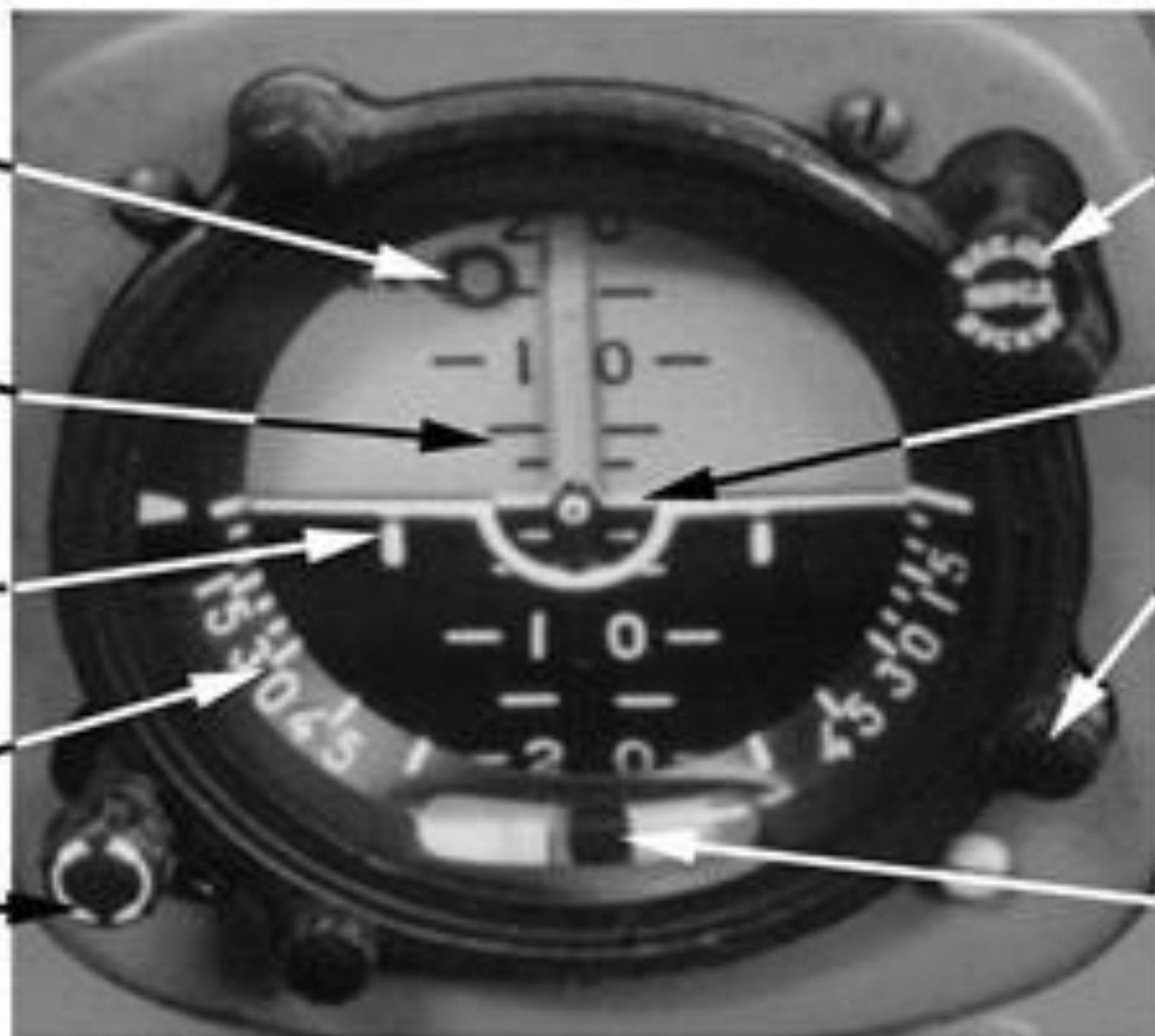
АРРЕТИР

(ПЕРЕД ПУСКОМ
НАЖАТЬ)

ЛИНИЯ
ГОРИЗОНТА

КРАСНЫЙ
ПОДСВЕТ

УКАЗАТЕЛЬ
СКОЛЬЖЕНИЯ





THANKS FOR ATTENTION