

PULSING CHAMBERS OF COMBUSTION AND THEIR APPLICATION IN AEROSPACE ENGINEERING

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In article necessity of creation of air-rocket engine for perspective flying machines is shown and application in it of the chamber of combustion is proved. The current review of pulsing chambers which are probably to apply in the space technics, the models is designed and tested by authors. The scheme of the combined engine with the direct-flow chamber of pulsing and a perpendicular supply of gas stream is developed. Fire tests of bench model of a power-plant are conducted and basic taktiko-technical characteristics are received.

Combined engines, pulsing chambers of combustion

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