UDC 621.43

Кukis V.S. About the possibility of approximating in operating cycle of Stirling engine / V.S. Кukis, V.A. Romanov,

A.I. Rybalko, Y.A. Postol // Internal combustion

engines. – 2010. – № 2. – P. 18-22.

А working cycle approximation with eight-polytropic

processes, which has been occurred in the inner loop of Stirling

engine is proposed. Meaningful boundaries of each of

the eight polytropic processes are grounded. Results of

evaluation of the adequacy of the proposed model and its

advantage over the other thermodynamic models, known

from the literature are showed. Tabl. 1. Il. 4. Bibliogr. 6

names.