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$w=r$ $p=n$ greek symbols m viscosity, pa , s n kinematic viscosity, m^2/s r density, kg/m^3 s w wall shear stress, n/m^2 subscripts b bulk quantity f ?uid m pseudo-critical point w wall fig. 1. thermophysical properties of the china rp-3 aviation kerosene at a supercritical pressure of 4 mpa. x. li et al. / applied thermal engineering 31 (2011)

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sional thermal resistance network for both application scenarios has been shown in fig. 1. at the device side, $t_j - \frac{1}{4} t_{cpq} r_{jc} \delta_{5p}$ thermal resistance correlation at the heat sink side is written as: nomenclature η coefficient of performance g geometry factor, defined by the ratio of area over length (m) i electrical current (a)

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l.h. hu et al. / applied thermal engineering 51 (2013) 246e254 247. where ρ_a is the ambient air density, T_a is the ambient air temperature, h_d is the height from the source to the tunnel ceiling and u is the longitudinal air flow speed in the tunnel. li [15]

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part 3 introduction to engineering heat transfer

part 3 introduction to engineering heat transfer. ht-1 introduction to engineering heat transfer these notes provide an introduction to engineering heat transfer. heat transfer processes set limits table 2.1: thermal conductivity at room temperature for some metals and non-metals

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