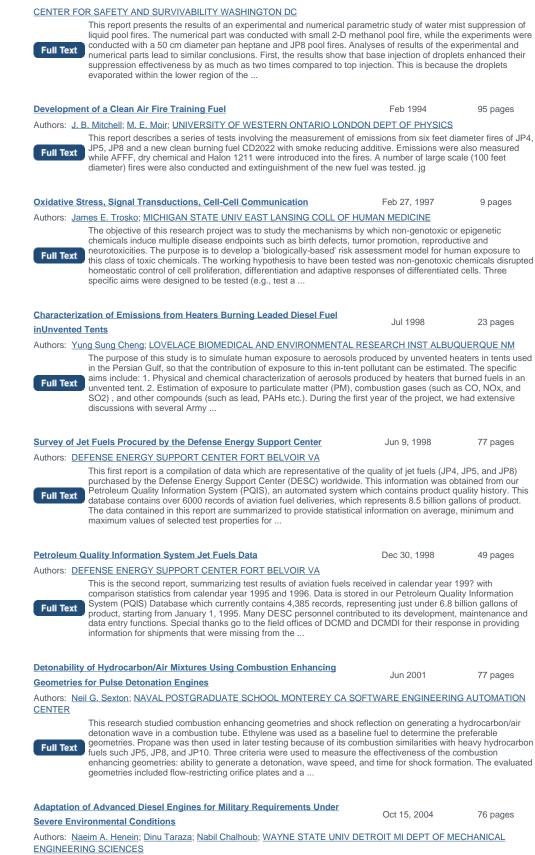


An Experimental and Numerical Study of the Effects of Design Parameters on Water Mist Suppression of Liquid Pool Fires Apr 30, 1999 32 pages

Authors: Chuka C. Ndubizu; Ramagopal Ananth; Patricia A. Tatem; Kuldeep Prasad; Chiping Li; NAVY TECHNOLOGY



The overall goal of this program is to adapt commercially produced heavy duty diesel engines to meet the goals the military engines for maximum power, better fuel economy, and low signature in the field by white or black smoke and compactness for mobility. The commercial advanced heavy-duty diesel engines are produced to meet stringent emission standards, causing penalties in peak power and fuel economy. This project addressed three major thrust areas. The first area is to determine the effect of replacing the commercially available fuel with JP8

Full Text

	ura's First Defender Handheld Chemical Identifer	Jan 2006	55 pag
	<u>. Matthews; Kwok Y. Ong; Christopher D. Brown; Leyun Zhu; Ke</u> NTER ABERDEEN PROVING GROUND MD	evin Knopp; EDGEWOOD	CHEMICAL
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Evaluation of Ah	ura's Firstdefender Handheld Chemical Identifier	Jan 2006	54 pag
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Full Text usin thro	hand held Raman spectrometer for point detection of chemical ig chemical warfare agents (CWAs). The device was assessed ugh sealed glass containers in a completely non-contact, non-d following: mustard (HD), nitrogen mustard (HN1 and HN3), VX, ection characteristics were examined for neat agents, as well as 8 jet fuel, aqueous film forming foam, Windex, and	for its capacity to detect an lestructive manner. The CV tabun (GA), sarin (GB), an	nd identify liques WAs tested in ad lewisite (L)
Predicting the Lie	quid Lengths of Heavy Hydrogen Fuels	Aug 30, 2003	13 pag
	Hoogterp; TACOM RESEARCH DEVELOPMENT AND ENGIN	IEERING CENTER WARR	EN MI
Authors: Laura L.			
The mod Full Text This	purpose of this paper is to outline the procedure used in detern dels formulated by previous researchers as well as the thermody id length can be determined for diesel fuel, JP8 as well as provis information is to later be used to develop a computer program hing in a test cell.	ynamic properties for three de a model for fuels betwe	fuel surroga en these ran
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Full Text Full Text This runr Combustion of J Authors: Kalyanae th hydr und and Num	dels formulated by previous researchers as well as the thermody d length can be determined for diesel fuel, JP8 as well as provi s information is to later be used to develop a computer program ning in a test cell. <u>P8 in Laminar Premixed Flames</u>	ynamic properties for three de a model for fuels betwe to perform these calculatio Mar 12, 2008 <u>A</u> ogate fuels are defined as s possible surrogates of JP erflow configuration. The fu similar to those in flames b uct. Critical conditions of e	19 pag mixtures of f -8. Experime lels tested ar urning JP-8.

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fuel. The second area is to examine the ...