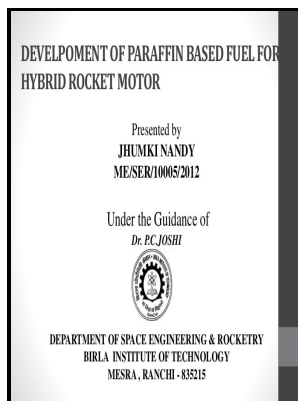


Rocket motor plume technology

AGARD - Hydra 70



Description: -

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Rocket exhaust

PlumesRocket motor plume technology

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Notes: Includes bibliographical references.

This edition was published in 1993



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Tags: #Modeling #Gas #Radiative #Properties #in #a #Rocket #Motor #Plume

Characterization of SRM plumes with alumina particulate in subscale testing

Aerodynamic particle sizer APS Apart from the RPC, a second system has been integrated in the wind tunnel to capture the particle size distribution. The idea of AEM is to determine the phase state of the alumina particles inside the plume using their thermal emission. The separated rocket motors that have been monitored for chemical agent and cleared for transportation outside of BGCAPP, the subject of this report, will be disposed of outside of BGCAPP.

Characterization of SRM plumes with alumina particulate in subscale testing

Waste material detonates or combusts.

NASA

According to our visual inspections, the tungsten plate did not suffer from erosion, but exhibited a hairline crack by the end of the measurement campaign. One of the questions was how these components withstand the imposed loads. Feedstock is usually in the form of a liquid or slurry.

Hydra 70

Last accessed on May 17, 2012.

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