

Energetic Components and Systems

Papers Presented at the AIAA SciTech Forum and Exposition
2022

San Diego, California, USA and Online
3 – 7 January 2022

ISBN: 978-1-7138-5380-0

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

The contents of this work are copyrighted and additional reproduction in whole or in part are expressly prohibited without the prior written permission of the Publisher or copyright holder. The resale of the entire proceeding as received from CURRAN is permitted.

For reprint permission, please contact AIAA's Business Manager, Technical Papers. Contact by phone at 703-264-7500; fax at 703-264-7551 or by mail at 34922 Uwytkug'Xcmg{'Ftkxg.'Uwky'422, Reston, VA 20191, USA.

TABLE OF CONTENTS

ENERGETIC COMPONENTS AND SYSTEMS

Remotely Induced Porosity Using Microwave Absorptive Inclusions.....	1
<i>Adam Lawrence, Travis Sippel</i>	
Energy Release Rate Characterization of Additively Manufactured Al/PVDF with Varying Infill Densities and Patterns.....	11
<i>Alexander C. Hoganson, Kyle Uhlenhake, Diane Collard, Steven F. Son, Jeffrey Rhoads</i>	
Application of Internal Ballistic Modeling in the Design of a Bolt Cutter.....	21
<i>Jason Kozmic, Michael Rapp, Hobin S. Lee</i>	

Author Index