



Mr. DANIEL V. HAUN

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Mr. Daniel V. Haun is Vice President of Engineering and Research for Nammo Talley, Inc. Since 1960, Nammo Talley has been a pioneer in developing aircrew escape system components, automobile airbag components, submunition dispensing systems, artillery range extension components, shoulder-fired weapons, and other key propellant-loaded devices. Located on approximately 550 acres in Mesa, Arizona, twenty miles east of Phoenix, Nammo Talley operates a complete industrial complex designed for the development, testing and manufacturing of a wide range of propellant-based products. Nammo Talley is a wholly owned subsidiary of Nammo A.S., an international ammunition company with principal offices in Raufoss Norway. Nammo Talley operates as a U.S. Company within the context of a Special Security Agreement approved by the U.S. State Department.

Appointed to his current position in 1999, Mr. Haun is responsible for all technical and test activities on military and commercial products. Responsibilities include: identification and development of technologies for integration into new products; conduct of Customer and Company funded technology and product development programs; sustainment of military core products; establishment, coordination, and management of the IR&D plan and budget; and allocation of technical resources in support of Marketing and New Business capture efforts. In this capacity Mr. Haun directs a staff of 70 project engineers, test engineers and project chemists, supported by laboratory and hardware technicians, performing energetic material formulation, product design and development, process engineering and commercial product startup activities. In 2008, Mr. Haun was assigned the additional responsibility of conducting Nammo Talley's Environmental program to assure compliance with all environmental regulations relative to Hazardous Materials and Hazardous Waste treatment and disposal.

During his 31 year career with Nammo Talley Mr. Haun has held a series of technical leadership positions including Analytical Laboratory Manager, Advance Projects Manager, Director of Research and Technical Director for Automotive Safety Components. Work in these positions has included product development in a wide range of technologies centered on energetic materials. A partial list of technologies includes; analytical chemistry of energetics, characterization testing of thermochemical and physical properties of composite solid propellants, formulation of solid, liquid and gelled propellants, automotive airbag inflators, confined space propulsion, kinetic penetrating warheads and their fuzes. Three patents and approximately twenty papers covering these activities have been written and presented at industry symposia.

Mr. Haun is a member of the Executive Committee of The National Warheads and Energetics Consortium (NWEC), and serves as the NWEC's Treasurer. Mr. Haun is also an active member of the Defense Ordnance Technology Consortium (DOTC) Executive Committee, representing the membership interests of the industry/academia NWEC components. Mr. Haun

is a Chemist by training, holding a Bachelor of Arts Degree from Concordia College in Moorhead, Minnesota.