A STUDY ON THE ROLE OF TECHNOLOGY IN THE 1991 GULF WAR

By,

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THIS DISSERTATION IS SUBMITTED FOR THE PARTIAL FULFILLMENT
FOR THE MASTERS OF STRATEGIC AND DEFENSE STUDIES

DEPARTMENT OF INTERNATIONAL AND STRATEGIC STUDIES
FACULTY OF ARTS AND SOCIAL SCIENCES
UNIVERSITY OF MALAYA
2004
DEDICATION

This dissertation is dedicated to all the U.S. Troops who served in the 1991 Gulf War and especially to my platoon and a close platoon mate from Alpha Company, U.S. Army ROTC, Command Center, University of Louisville, Kentucky, Steve Abner of the U.S. Army who served during Operation Desert Storm

“OOH AH”

This phrase is commonly used by all military troops of the branches in the U.S. Armed Forces as a general gesture to a positive and or accomplished mission and as a general “yes” to consensus to operational achievements or work appreciated.

“BE ALL YOU CAN BE, IN THE ARMY”
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ABSTRACT

This study examines the role of the impact of technology and its contribution during the 1991 Gulf War campaign. The U.S. military and the coalition forces were well equipped with phenomenal technology that enabled the allied forces to gain a swift victory. Using examples from Operation Desert Storm, such as in air power, ground and sea power with stealth technology and precision guided munitions, as well as other technology, which may or may not be fielded, such as blinding lasers, it discusses whether the role of technology played a key determining factor in the victory of the 1991 Gulf War.

The study examines the coalition's victory, which was primarily based on a revolution in weapons technology. The study points out, that much of the technology used during the 1991 Gulf War was infect a key determinant factor for the victory, which contributed significantly to the overall effort. Finally, the author concludes that technology did infect prove a key role in the victory of the Gulf campaign and that the joint operations of the three forces were part of the successes in using the technology. Finally, the author examines and concludes with the remark that technology is the force multiplier of modern and future warfare.
ACKNOWLEDGEMENT

It gives me great pleasure to have and thank my Supervisor, Mr. K.S. Balakrishnan for his patience, guidance and tremendous support throughout the duration of this research. He has given much of his time during and off campus meetings, in his effort to make this dissertation a promise able paper.

I would like to thank my family, especially my sister Judy for making me enroll in this Master’s program for which I am grateful. This is dedicated to my family and the love and support from whom I received throughout the duration of my course. This dedication also goes to my mother, whom so desirably wanted me to be the best to achieve my dreams.

I also like to extend my sincere gratitude to all the lecturers in the Department of International and Strategic Studies, University of Malaya; especially Professor Dato Mohammad Abu Bakar, Professor Ranjit Singh, Associate Professor Jatsawan Singh, Pn. Ruhanas Harun, Lt-Kol (R) Mohd. Idris Ismail.

I would also like to take the opportunity to thank my friends at the U.S. Embassy in Kuala Lumpur, my “buddies”, Major Douglas Dawson, Sjnt. Keith Giles, Vincent and Tony Chabuhat for their immense help in my research. I also would like to thank the United States Army for my tenure as an Reserve Officer Training Cadet during my stay at the University of Louisville, Ky, USA, where my knowledge of the Army and the experience gained during the 1991 Gulf War in preparing my thesis. My thanks also goes out to the librarians and staff of University Malaya’s library, Lincoln Resource Center, National Library, Kuala Lumpur and Institute of Strategic and International Studies (ISIS) and the University of Louisville library.

I would like to thank my classmates, Brigadier General Sharuddin Bin Abdullah and Lt-Kol. Sunny for sharing their experiences and views with me during my tenure as a graduate student. My sincere thanks are also extended to my fellow classmates, Year 1999 “The Pioneer” students of this program for their friendship, laughter and wisdom shared.
OVERVIEW OF THE MIDDLE EAST

Source: Crusade: The Untold Story Of The Persian Gulf War by Rick Atkinson

VI
FORCES ON EVE OF GROUND WAR

IRAQI DIVISIONS ON EVE OF GROUND WAR

ALLIED FORCES ON EVE OF GROUND WAR

Source: Crusade: The Untold Story Of The Persian Gulf War by Rick Atkinson
Key
Iraqi
Targets

Strategic
Sites
in Iraq

IRAQI FORCES

Seven corps, 55 to 60 divisions. 555,000 regular troops, 480,000 reserves believed to be mobilized.

Six divisions of Republican Guards. Iraq claims the Popular Army, its militia, is 8 million strong. Its true estimate is at around 850,000.

4,000 tanks, 2,700 armored personnel carriers, 3,000 artillery pieces and 500 combat aircraft support the forces.

There are reportedly more than 200 missiles of four types, Soviet made or modified versions.

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Source: Center for Defense Information

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