

minn kota edge 45 manual

minn kota edge 45 manual is a vital resource for any angler who owns or is considering the Minn Kota Edge 45 trolling motor. This comprehensive guide will delve into everything you need to know about operating, maintaining, and troubleshooting your motor. We will cover essential topics such as initial setup, understanding the controls, proper usage techniques for various fishing scenarios, and important safety considerations. Furthermore, this article will provide detailed insights into routine maintenance to ensure the longevity and peak performance of your Minn Kota Edge 45. We'll also explore common issues and their solutions, making this article your go-to reference for all things related to your Minn Kota trolling motor.

Understanding Your Minn Kota Edge 45 Trolling Motor

The Minn Kota Edge 45 is a popular choice for freshwater anglers, offering reliable power and intuitive operation. Before diving into specific manual sections, it's crucial to gain a foundational understanding of the motor's purpose and key components. This trolling motor is designed to provide precise boat control without the need for the main engine, allowing for stealthy approaches to fishing spots and effective maneuvering in challenging conditions. Understanding its basic functionality will make navigating the detailed manual much easier.

What is the Minn Kota Edge 45?

The Minn Kota Edge 45 is a transom-mount electric trolling motor. It is characterized by its 45 pounds of thrust, making it suitable for a wide range of freshwater fishing boats, from kayaks and jon boats to smaller bass boats. Its durable construction and efficient power delivery are hallmarks of the Minn Kota brand, ensuring consistent performance on the water. The Edge series is known for its straightforward design and robust build, offering anglers a dependable solution for boat positioning.

Key Components of the Edge 45

Familiarizing yourself with the primary parts of your Minn Kota Edge 45 is essential for proper operation and maintenance. Knowing these components will help you interpret instructions in the manual more effectively. Key parts include:

- **Tiller Handle:** This is your primary interface for controlling speed and direction.
- **Motor Housing:** Contains the motor itself and the propeller shaft.
- **Shaft:** The connecting piece between the motor housing and the mounting bracket.
- **Mounting Bracket:** This attaches the trolling motor to the transom of your boat.

- **Propeller:** The part that generates thrust to move the boat.
- **Power Cable:** Connects the motor to your boat's battery.
- **Control Board:** Houses the electronics that manage the motor's functions.

Getting Started with Your Minn Kota Edge 45

Proper initial setup is critical for the safe and effective use of your Minn Kota Edge 45 trolling motor. This section will guide you through the essential steps, from installation to first use, ensuring you are ready to hit the water with confidence. Following these instructions precisely will prevent potential damage and optimize your motor's performance right from the start.

Mounting the Minn Kota Edge 45

The Minn Kota Edge 45 is typically a transom-mount motor. The mounting process involves securely attaching the motor to the stern of your boat. Ensure that the transom is sturdy enough to support the motor and its vibrations during operation. The manual provides specific instructions regarding the placement of mounting bolts and the correct tightening sequence to prevent any movement or stress on the transom.

Connecting the Power Source

The Edge 45 requires a 12-volt deep-cycle marine battery for power. It's vital to use a battery specifically designed for trolling motor applications to ensure consistent power delivery and longevity. The manual details the correct polarity for connecting the power cables (red to positive, black to negative) and advises on the appropriate gauge wiring for safe and efficient power transfer. Incorrect connections can lead to motor damage or a fire hazard.

Initial Deployment and Testing

Before venturing out for a full fishing trip, it is highly recommended to perform an initial deployment and test run in a safe, controlled environment. Lower the motor into the water using the tiller handle, ensuring it is fully submerged. Slowly test the forward and reverse speeds, as well as the steering. This allows you to familiarize yourself with the motor's responsiveness and identify any anomalies before you are in a critical fishing situation.

Operating Your Minn Kota Edge 45

Once your Minn Kota Edge 45 is properly installed and tested, understanding its operational controls is the next step towards efficient and effective use. The manual provides detailed explanations, but this section breaks down the core functionalities to help you master your trolling motor.

Understanding the Tiller Handle Controls

The tiller handle is the nerve center of your Edge 45. It typically features a directional lever or buttons to control forward and reverse thrust, as well as speed adjustments. Most Minn Kota models employ a variable speed control, allowing for precise adjustments to match trolling speeds or precise boat positioning. The manual will illustrate the exact layout of your tiller's controls and the specific function of each button or lever.

Speed and Steering Adjustments

Mastering speed and steering is fundamental to effective trolling motor use. The variable speed control allows you to dial in the perfect speed for drifting, trolling lures, or holding your position against current or wind. Steering is usually achieved by rotating the tiller handle or using dedicated buttons. Practice making smooth, controlled turns and subtle adjustments to maintain your desired boat orientation, crucial for successful fishing.

Using the Minn Kota Edge 45 in Different Conditions

The versatility of the Edge 45 comes into play when you adapt its operation to various fishing environments. Whether battling a strong current, fishing in tight cover, or simply holding a specific spot, understanding how to best utilize your motor's power and control is key. The manual often includes tips for different scenarios, but practical experience, guided by the manual's principles, will build your proficiency.

Maintenance for Your Minn Kota Edge 45

Regular maintenance is paramount to ensuring the longevity and optimal performance of your Minn Kota Edge 45 trolling motor. Adhering to a consistent maintenance schedule, as outlined in the manual, will prevent premature wear and costly repairs, keeping you on the water season after season.

Routine Cleaning and Inspection

After each use, it is essential to rinse the trolling motor, especially the propeller and motor housing, with fresh water to remove salt, sand, and debris. Inspect the propeller for any damage, such as nicks or cracks, and check the shaft for bends or damage. Ensure that the mounting bracket is secure and free of corrosion. The manual will provide specific cleaning agents or methods to avoid.

Battery Care and Management

Proper battery care directly impacts your trolling motor's performance and lifespan. Always ensure your batteries are fully charged before heading out. Avoid completely draining the batteries, as this can significantly reduce their capacity over time. Inspect battery terminals for corrosion and keep them clean. The manual may offer guidance on charging practices and battery types recommended for your Edge 45.

Propeller and Shaft Maintenance

The propeller is the workhorse of your trolling motor, and its condition is crucial. Periodically inspect the propeller for any foreign objects that might have become entangled. The manual will detail how to safely remove and replace a propeller if it becomes damaged or if you need to upgrade to a different type. Checking the shaft for straightness is also important; a bent shaft can cause vibrations and reduce efficiency.

Winterizing Your Minn Kota Edge 45

For anglers who fish in climates with freezing temperatures, proper winterization of the Minn Kota Edge 45 is vital. This typically involves thoroughly cleaning the motor, ensuring it is dry, and storing it in a protected environment. Some manufacturers recommend specific lubricants or treatments for extended storage. Consult your manual for the exact winterization procedures recommended for your model to prevent freeze damage.

Troubleshooting Common Minn Kota Edge 45 Issues

Even with proper maintenance, occasional issues may arise with your Minn Kota Edge 45. This section draws upon common problems and references the troubleshooting guidance typically found in the Minn Kota Edge 45 manual, providing solutions to get you back on the water quickly.

Motor Not Running

If your motor fails to power on, the first steps involve checking the most basic potential causes. Ensure the battery is charged and the connections are secure and correctly polarized. Verify that the circuit breaker or fuse (if applicable) has not tripped. Inspect the power cord for any visible damage. The manual will detail specific diagnostic checks for power-related issues.

Reduced Thrust or Erratic Operation

If you notice a decrease in thrust or inconsistent operation, several factors could be at play. A common culprit is debris around the propeller. Ensure the propeller is clear of weeds, fishing line, or other obstructions. Check for any damage to the propeller or shaft. A weak battery can also cause reduced performance. The manual will offer a step-by-step approach to diagnosing these symptoms.

Steering Problems

Issues with steering, such as stiffness or inability to turn, can stem from several sources. In salt or brackish water, corrosion can be a factor. Ensure the steering mechanism is clean and lubricated according to the manual's recommendations. If the motor is difficult to deploy or stow, it may indicate a binding issue within the shaft or mounting components.

Overheating Concerns

Trolling motors can overheat if pushed too hard for extended periods, especially in warm water. If your motor feels excessively hot or shuts down unexpectedly, allow it to cool down completely. Ensure you are not exceeding the motor's thrust capacity for your boat size and water conditions. Proper ventilation around the motor housing is also important. The manual will often specify operating limits and conditions to avoid.

Safety Precautions and Best Practices

Operating any piece of equipment on the water requires a strong emphasis on safety. The Minn Kota Edge 45 manual dedicates a significant portion to safety guidelines, and it's imperative to review and understand these thoroughly before and during every use. Adhering to these precautions protects you, your passengers, and your equipment.

Understanding Electrical Safety

Trolling motors utilize electrical power, making electrical safety paramount. Always ensure connections are secure and correctly polarized. Never operate the motor with damaged wiring. Keep electrical components dry when possible, and avoid submerging any part of the control system unless designed for it. The manual will detail specific warnings regarding electrical hazards.

Safe Operation on the Water

When operating your Edge 45, always maintain situational awareness. Be mindful of other boats, swimmers, and submerged obstacles. Avoid operating the motor at high speeds in shallow water where the propeller could strike the bottom. When deploying or stowing the motor, ensure no one's hands or fingers are in the path of movement. The manual often includes diagrams illustrating safe handling procedures.

Emergency Procedures

While rare, it's wise to be prepared for emergencies. Familiarize yourself with how to quickly shut off the motor in an emergency situation. Know how to retract the motor in the event of a power failure or mechanical issue. The manual may outline specific emergency shutdown sequences or manual override procedures.

Frequently Asked Questions

Where can I find a digital copy of the Minn Kota Edge 45 manual?

You can typically find a digital PDF version of the Minn Kota Edge 45 manual on the official Minn Kota website, usually in their support or product manuals section. Searching for "Minn Kota Edge 45 manual PDF" online should also lead you to it.

How do I properly connect the Minn Kota Edge 45 to my boat battery?

The manual will detail the correct polarity for connecting the red positive (+) wire to your battery's positive terminal and the black negative (-) wire to your battery's negative terminal. Ensure a secure connection to prevent power loss or damage.

What is the recommended battery type and voltage for the Minn Kota Edge 45?

The Minn Kota Edge 45 is designed for a 12-volt marine deep-cycle battery. The manual will specify the ideal Ampere-hour (Ah) rating for optimal performance and run time.

How do I adjust the steering tension on my Minn Kota Edge 45?

Most Minn Kota Edge models have a steering tension adjustment screw or knob, often located near the base of the motor shaft. The manual will show its exact location and how to tighten or loosen it for your preferred steering feel.

What are the basic operating instructions for the Minn Kota Edge 45?

The manual will cover how to deploy and retract the motor, engage and disengage propulsion, and adjust speed using the tiller handle. It will also explain how to steer the boat.

How do I clean and maintain my Minn Kota Edge 45 to ensure longevity?

Regular cleaning of the motor and propeller with fresh water after use is recommended. The manual will provide specific instructions on what parts to inspect, lubricate if necessary, and what to avoid during maintenance.

What troubleshooting steps are outlined in the Edge 45 manual for common issues?

The troubleshooting section of the manual will address common problems such as the motor not running, intermittent power, or steering issues, providing step-by-step solutions and identifying potential causes.

Does the Minn Kota Edge 45 manual explain how to install it on a boat?

Yes, the manual typically includes detailed instructions and diagrams for mounting the Edge 45 to your boat's transom or bow, including necessary hardware and placement recommendations.

Are there any specific safety precautions mentioned in the Minn Kota Edge 45 manual?

Absolutely. The manual will contain crucial safety information regarding battery handling, operating the motor in different water conditions, avoiding entanglement with debris, and proper use of safety lanyard if applicable.

Additional Resources

Here are 9 book titles related to the Minn Kota Edge 45 manual, with short descriptions:

1. *Mastering Your Minn Kota Edge 45: A Comprehensive Guide*

This book serves as an in-depth companion to the Minn Kota Edge 45 manual. It breaks down complex

features into easily digestible sections, offering practical tips for setup, operation, and maintenance. Readers will learn advanced techniques for optimizing performance on the water and troubleshooting common issues.

2. The Essential Minn Kota Edge 45 User Manual Explained

Designed for new and experienced anglers alike, this volume demystifies the Minn Kota Edge 45. It provides clear, step-by-step instructions that go beyond the basic manual, covering everything from battery care to advanced steering adjustments. This guide aims to build confidence and enhance the user's understanding of their trolling motor.

3. Troubleshooting and Maintenance for Your Minn Kota Edge 45

This practical manual focuses on keeping your Minn Kota Edge 45 in peak condition. It details common problems, their likely causes, and effective solutions, empowering users to perform minor repairs themselves. Essential maintenance schedules and tips for prolonging the lifespan of the motor are also included.

4. Optimizing Performance: Advanced Techniques for the Minn Kota Edge 45

Unlock the full potential of your Minn Kota Edge 45 with this advanced guide. It explores how to fine-tune settings for different fishing conditions, improve battery efficiency, and navigate challenging waters with ease. This book is for those who want to move beyond the basics and achieve superior control and effectiveness.

5. Minn Kota Edge 45: From Setup to the Water

This book provides a seamless transition from unboxing to enjoying your Minn Kota Edge 45. It covers the initial setup process, battery connection, and important safety considerations. The guide then moves into practical usage tips, helping anglers get their trolling motor ready for their first fishing trip.

6. Understanding Your Minn Kota Edge 45: A User's Perspective

Written from the viewpoint of a seasoned angler, this guide offers relatable advice and practical insights into using the Minn Kota Edge 45. It translates technical jargon into understandable language and shares real-world scenarios where specific features of the motor shine. The focus is on making the user's experience as smooth and enjoyable as possible.

7. The Minn Kota Edge 45: A Fisherman's Best Friend

This title emphasizes the utility and reliability of the Minn Kota Edge 45 for dedicated anglers. It highlights how the trolling motor can enhance fishing strategies, from precise boat positioning to stealthy approaches. The book offers tips on integrating the Edge 45 into various fishing techniques and environments.

8. Your Minn Kota Edge 45: Care and Longevity Secrets

Preserve the investment in your Minn Kota Edge 45 with this dedicated care guide. It offers practical advice on cleaning, storage, and preventative measures to ensure the motor's longevity. Readers will learn how to identify potential issues before they become major problems, maximizing their trolling motor's operational life.

9. Navigating the Manual: A Minn Kota Edge 45 User's Companion

This book acts as a supplementary guide to the official Minn Kota Edge 45 manual, making it more accessible and user-friendly. It clarifies specific sections, provides visual aids where needed, and offers context for the operational instructions. The goal is to empower users to find the information they need quickly and apply it effectively.

Minn Kota Edge 45 Manual

Minn Kota Edge 45 Manual: A Comprehensive Guide

Author: Captain Jake Thompson

Outline:

Introduction: Understanding the Minn Kota Edge 45 and the Importance of its Manual

Chapter 1: Unboxing and Initial Setup: Setting up your new trolling motor correctly.

Chapter 2: Understanding the Control Panel and Features: A detailed explanation of all buttons, switches, and displays.

Chapter 3: Mounting and Installation: Step-by-step guide for secure and proper installation on your boat.

Chapter 4: Operation and Usage: Mastering different trolling speeds, steering, and spot-locking features.

Chapter 5: Maintenance and Troubleshooting: Regular care, common problems, and solutions.

Chapter 6: Maximizing Battery Life: Tips and tricks for extending battery runtime.

Chapter 7: Safety Considerations: Important safety precautions when using the Minn Kota Edge 45.

Conclusion: Final thoughts and resources for further assistance.

Minn Kota Edge 45 Manual: A Comprehensive Guide

Navigating the waters with confidence requires reliable equipment, and the Minn Kota Edge 45 trolling motor is a popular choice for anglers seeking dependable performance. However, maximizing its potential and ensuring its longevity depends heavily on understanding its features and proper maintenance. This comprehensive guide serves as your complete Minn Kota Edge 45 manual, offering detailed instructions and expert advice for every stage of ownership, from unboxing to advanced usage and troubleshooting.

Chapter 1: Unboxing and Initial Setup

Before even thinking about hitting the water, meticulously unpack your Minn Kota Edge 45. Check for any damage during transit. Compare the contents with the packing list to ensure nothing is missing. This initial inspection is crucial for warranty claims should any issues arise.

Once you've verified everything is in order, carefully read through the quick-start guide provided by Minn Kota. This guide typically provides a basic overview of the setup process and highlights key

safety precautions. Pay close attention to warnings about connecting the power cable correctly to avoid short circuits and potential damage to your battery or motor.

The next step involves preparing the motor for mounting. Inspect the shaft and propeller for any blemishes or damage. Ensure that the locking mechanism for the shaft is working smoothly. Lubrication might be necessary depending on the specific instructions from Minn Kota. Finally, before mounting, visually inspect all the connectors to ensure a clean and firm connection is possible. Loose or damaged connections can lead to poor performance or malfunctions.

Chapter 2: Understanding the Control Panel and Features

The Minn Kota Edge 45 boasts a user-friendly control panel, but understanding its features fully is vital for effective use. This section will delve into each button, switch, and display on the control head.

Start with the power switch – ensure you understand its on/off functionality and the proper sequence for starting and shutting down the motor. Next, familiarize yourself with the speed control. This typically includes a variable speed dial, allowing for precise control over your trolling speed. Many Minn Kota models offer different modes like "high," "medium," and "low," allowing you to select the power based on the conditions.

Explore the steering functionality. The Edge 45 likely incorporates digital steering, offering smooth and precise control. Understand how to adjust the steering sensitivity and settings, if applicable.

A key feature of many modern trolling motors is the spot-lock functionality. Spot-lock uses GPS technology to hold your boat in a specific location. Understanding its activation, deactivation, and adjustment settings is essential for efficient fishing in various conditions. The manual will typically explain how to set up and use spot-lock effectively. Finally, understand any indicator lights or displays – these provide crucial feedback regarding the motor's status, battery levels, and potential errors.

Chapter 3: Mounting and Installation

Proper installation is paramount for both optimal performance and the safety of your boat and yourself. The Minn Kota Edge 45 manual will include precise instructions on mounting the motor to your boat's transom. This usually involves selecting the appropriate mounting bracket and ensuring a secure and level fit.

Before commencing the mounting process, carefully measure and mark the desired location on the transom. Make sure the motor is positioned correctly for optimal thrust and to avoid interference with your boat's hull or other equipment. The manual might suggest specific measurements or angles depending on your boat's configuration.

Use the appropriate bolts and fasteners to secure the motor to the transom. Tighten them evenly to avoid any stress or damage to the mounting bracket or the transom itself. Ensure that the motor is securely fastened, leaving no room for movement or vibration, as this can lead to damage or even detachment while in use. Follow the specific torque specifications provided in the manual to prevent over-tightening and potential damage.

Chapter 4: Operation and Usage

Once mounted, it's time to master the operation of your Minn Kota Edge 45. This section focuses on practical application.

Start with the basic controls - practice maneuvering the boat using the steering and speed controls. Experiment with different speeds and steering angles to get a feel for how the motor responds in various conditions. Note that the performance might vary slightly depending on factors such as water currents and boat type.

Next, move onto the advanced features such as spot-lock. Practice using spot-lock in calm water to familiarize yourself with its operation. Then, try it in more challenging conditions, such as windy weather or strong currents. It will help you to learn how to adjust the spot-lock settings to maintain your desired position.

Understanding how to use different power settings effectively, such as adjusting the thrust based on current and wind conditions, is crucial for optimal efficiency and battery life.

Chapter 5: Maintenance and Troubleshooting

Regular maintenance is key to prolonging the life of your Minn Kota Edge 45. The manual will guide you through a routine maintenance schedule, which typically includes cleaning and lubricating moving parts, inspecting the propeller for damage, and checking the wiring and connections for wear and tear.

Regular cleaning of the propeller and shaft will prevent corrosion and improve performance. Inspecting the propeller for nicks or bends is equally important, as damaged propellers can reduce efficiency and even cause damage to the motor. Regular checks of all wiring connections will prevent loose connections that can lead to short circuits or malfunctions.

Troubleshooting common issues is also essential. The manual should include a comprehensive troubleshooting guide, covering typical problems such as power issues, motor malfunctions, and steering problems, along with step-by-step instructions on how to rectify them.

Chapter 6: Maximizing Battery Life

Battery life is a critical factor for any angler using a trolling motor. The Minn Kota Edge 45 manual likely provides tips for maximizing battery life. This involves understanding the impact of various settings on power consumption and making adjustments accordingly.

Choose the appropriate battery for your Minn Kota Edge 45, ensuring it has sufficient capacity for your intended usage. Avoid using damaged or worn-out batteries, as this can severely impact performance and safety. Regularly check the battery's charge level and recharge it promptly to avoid deep discharge, which can permanently damage the battery.

Using the motor efficiently, minimizing unnecessary use at full speed, and switching off the motor when not needed are also crucial factors in extending battery life. Regular cleaning and maintenance of the battery terminals will improve electrical conductivity and prevent power loss.

Chapter 7: Safety Considerations

Safety should always be a top priority when using any watercraft equipment. The Minn Kota Edge 45 manual will emphasize various safety aspects. Always wear a personal flotation device (PFD) while operating your boat, particularly when using the trolling motor.

Ensure the motor is correctly installed and secured to the boat's transom. Avoid overloading your boat, as this can affect stability and maneuverability, especially when using the trolling motor. Always be aware of your surroundings when operating your boat, particularly around other vessels, obstacles, and shorelines.

Never operate the motor in unsafe conditions, such as severe weather or low visibility. Always maintain a safe distance from other boats and swimmers. Regular inspections of the motor and wiring for any signs of damage before and after every use are essential for safety.

Conclusion

The Minn Kota Edge 45 is a powerful and versatile trolling motor, but its potential is fully realized only through proper understanding and maintenance. This comprehensive guide, serving as your extended Minn Kota Edge 45 manual, equips you with the knowledge needed for safe and efficient operation, maximizing your angling experience. Remember to always consult the original manufacturer's manual for specific details and warranty information.

FAQs

1. How do I register my Minn Kota Edge 45? Check the Minn Kota website for registration details; it is often necessary for warranty purposes.
2. What type of battery is recommended for the Edge 45? Refer to the manual for specific battery recommendations based on your model and usage.
3. What should I do if my Edge 45 stops working? First, check the battery connection and fuses. Refer to the troubleshooting section of your manual.
4. How often should I lubricate my Minn Kota Edge 45? Refer to the maintenance schedule in your manual; it typically involves lubrication of moving parts at regular intervals.
5. How do I clean the propeller? Use a soft brush and mild detergent; avoid abrasive cleaners.
6. Can I use the Minn Kota Edge 45 in saltwater? Some models are saltwater-rated; check your manual to confirm compatibility.
7. What is the warranty on the Minn Kota Edge 45? The warranty period varies; consult your purchase documentation or the Minn Kota website.
8. Where can I find replacement parts for my Edge 45? Contact your retailer or visit the Minn Kota website for parts ordering.
9. How do I adjust the spot-lock sensitivity? This setting is usually controlled via the buttons on the control head; consult your manual for specifics.

Related Articles:

1. Minn Kota Edge 45 vs. Terrova: A comparison of features and performance.
2. Best Batteries for Minn Kota Trolling Motors: A guide to selecting the right battery.
3. Troubleshooting Minn Kota Trolling Motor Problems: A comprehensive troubleshooting guide.
4. How to Install a Minn Kota Trolling Motor: A step-by-step installation guide.
5. Minn Kota Edge 45 Maintenance Tips: Essential maintenance tasks for optimal performance.
6. Understanding Minn Kota Spot-Lock Technology: A deep dive into this key feature.
7. Minn Kota Edge 45 Accessories: Review of available accessories and their benefits.
8. Choosing the Right Trolling Motor for Your Boat: A guide to selecting the appropriate motor.
9. Safety Tips for Using a Trolling Motor: Essential safety precautions for anglers.

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minn kota edge 45 manual: Redefining Federalism Douglas T. Kendall, 2004 If federalism is about protecting the states, why not listen to them? In the last decade, the Supreme Court has reworked significant areas of constitutional law with the professed purpose of protecting the dignity and authority of the states, while frequently disregarding the states' views as to what federalism is all about. The Court, according to the states, is protecting federalism too much and too little. Too much, in striking down federal law where even the states recognize that a federal role is necessary to address a national problem. Too little, in inappropriately limiting state experimentation. By listening more carefully to the States, the Supreme Court could transform its federalism jurisprudence from a source of criticism and polarization to a doctrine that should win broad support from across the political spectrum. In this important book, six distinguished authors redefine federalism and reaffirm Justice Louis Brandeis's vision of states and localities as the laboratories of

democracy.

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thousands of people come to Jesus. He suffers torture in the Japanese prison, for preaching the gospel, and for his close tie with the Patriot. You will walk through his tears and triumphs to preach the gospel. Paul M. Chung, PH.D, is a retired engineering Professor and Dean Emeritus of an engineering college.

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Conference and the organization thereof, is mainly due to the efforts of the french PRIMECA group (Pool of Computer Resources for Mechanics) started eight years ago. We were able to attract the international community with the support of the International Institution for Production Engineering Research (C.I.R.P.). The conference brought together two hundred and fifty specialists from around the world. About ninety papers and twenty posters were presented covering three main topics : optimization and evaluation of the product design process, optimization and evaluation of the manufacturing systems and methodological aspects.

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