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Technical Manual User Handbook Truck, Utility, Lightweight, Mc2 7610-66-128-4345 Createspace Independent Publishing Platform This is the User Handbook for the Australian Army's base model Land Rover 110 "Perentie" vehicle which is officially known as the "Truck, Utility, Lightweight, MC2 Without Winch". The Australian military 110 Land Rovers are the toughest in the world, surpassing for durability and reliability even the UK MOD's "Wolf" Land Rover 110 vehicles. With hundreds of these tough vehicles coming onto the civilian market via Australian military surplus sales, they are an awesome choice as an expedition platform or rugged tourer. This user handbook is an exact reprint of the very scarce originals. It is purposefully priced low so every Perentie Land Rover owner can purchase one to keep in their vehicle's glovebox. Technical Manual User Handbook Truck, Utility, Lightweight, Ffr, Mc2 7610-66-128-4347 Createspace Independent Publishing Platform This is the User Handbook for the Australian Army's communications model Land Rover 110 "Perentie" vehicle which is officially known as the "Truck, Utility, Lightweight, FFR, MC2 Without Winch." The Australian military 110 Land Rovers are the toughest in the world, surpassing for durability and reliability even the UK MOD's "Wolf" Land Rover 110 vehicles. The FFR (Fitted For Radio) models are 12 or 24v systems with junction boxes and can accommodate a total of four 12v batteries. With hundreds of these tough vehicles coming onto the civilian market via Australian military surplus sales, they are an awesome choice as an expedition platform or rugged tourer already set up for remote area power. This user handbook is an exact reprint of the very scarce originals. It is purposefully priced low so every FFR Perentie Land Rover owner can purchase one to keep in their vehicle's glovebox. Technical Manual User Handbook Truck, Utility, Lightweight, Winch, Mc2 7610-66-128-4346 Createspace Independent Publishing Platform This is the

User Handbook for the Australian Army's Land Rover 110 "Perentie" vehicle with winch, which is officially known as the "Truck, Utility, Lightweight, MC2 With Winch". The Australian military 110 Land Rovers are the toughest in the world, surpassing for durability and reliability even the UK MOD's "Wolf" Land Rover 110 vehicles. With hundreds of these tough vehicles coming onto the civilian market via Australian military surplus sales, they are an awesome choice as an expedition platform or rugged tourer. This user handbook is an exact reprint of the very scarce originals. It is purposefully priced low so every Perentie Land Rover owner can purchase one to keep in their vehicle's glovebox. Technical Manual User Handbook Truck, Surveillance, Lightweight, Winch, Mc2 7610-66-128-5938 Createspace Independent Publishing Platform This is the User Handbook for the Australian Army's specialist model RFSV (Regional Force Surveillance Vehicle) Land Rover 110 "Perentie" vehicle which is officially known as the "Truck, Surveillance, Lightweight, with Winch, MC2". The Australian military 110 Land Rovers are the toughest in the world, surpassing for durability and reliability even the UK MOD's "Wolf" Land Rover 110 vehicles and the RFSV is among the toughest and best equipped for remote area travel. With hundreds of these tough vehicles coming onto the civilian market via Australian military surplus sales, they are an awesome choice as an expedition platform or rugged tourer. This user handbook is an exact reprint of the very scarce originals. It is purposefully priced low so every RFSV Perentie Land Rover owner can purchase one to keep in their vehicle's glovebox. Land Rover Series 3 Workshop Manual Brooklands Book Limited Detailed guidance to assembly, maintenance, etc. of all components. Includes five main bearing engine supplement. Military Land Rover Series III (Lightweight) Illustrated Parts Catalogue Brooklands Book Limited Covers Series III, Truck, GS, FFR, half-ton, 4X4 vehicles Military Land Rover 1948 Onwards (Series II/IIA to Defender) Haynes Publishing UK Land Rovers have been used by the military since they were introduced, in Series I form, in 1948. The Land Rover's rugged, 'go-anywhere' reputation has led to its use in a vast number of military roles, from general-purpose workhorse to special forces reconnaissance vehicle, ambulance, communications vehicle and weapons platform. Additionally, a number of one-off prototypes have been produced for various trials. This manual provides a unique insight into the world of military Land Rovers, with an emphasis on military operation and equipment. Military Land Rover Development and in Service Ian Allan Pub "Comprehensive history of the Land Rover in its various guises in military service in Britain and overseas. Illustrated with 250 color and b&w photographs". Land Rover Defender Petrol and Diesel 1993/1995 My Workshop Manual: Covering 90 110 130 Models Engines covered include the 2.25, 2.5, 3.5 V8 Petrol and the 2.25, 2.5, 2.5 Turbo and 200 Tdi Diesel versions. Plus, covering the Lt77, Lt77S Lt95, Lt85 & Lt85 lightweight gearboxes and both Lt230R & Lt230T transfer boxes. It also serves as a reference book for service supervision and covers items of procedure for the guidance of both the fully qualified and the less

experienced mechanic. It covers in great detail the general specification data, engine tuning data, torque wrench settings, general fitting instructions, recommended lubricants, fluids and capacities, engine, fuel system, cooling system, manifold and exhaust, clutch, manual gearbox, transfer gearbox, propeller shafts, front and rear axle differentials, front axle and final drive, steering, suspension, brakes, chassis and body, heating and ventilation, air conditioning and electrical equipment.

Publication No. Ldawmen93 Lunar Rover Manual 1971-1972 (Apollo 15-17; LRV1-3 & 1G Trainer) Haynes Publishing UK Continuing the popular Haynes Owners' Workshop Manual space series, which currently comprises Apollo 11 Manual and NASA Space Shuttle Manual, this unique book provides an insight into the only car ever built to be driven on the surface of another world. With a Foreword by the first Apollo astronaut to drive it on the Moon, Dave Scott, and published to coincide with the 40th anniversary of mankind's final drive on the Moon in December 2012. The book is part mechanical guide, illustrated with many of the technical drawings from the time, and part narrative-driven story of engineering ingenuity and human triumph. It draws on the rich NASA photographic archive and the complete transcripts of the crews' reaction to driving across the Moon, which the authors have an un-paralleled knowledge and experience of working with.

Land Rover Series II, IIA and III Maintenance and Upgrades Manual The Crowood Press Based on real-life experience and written by expert authors, the books in the Maintenance and Upgrades Manual series from Crowood will help owners develop the workshop skills needed for the maintenance and repair of their cars, and give guidance on possibilities for improvements and upgrades to performance. With step-by-step instructions and safety information throughout, this book is a valuable technical resource for owners of Series II, IIA and III Land Rovers. The book covers: choosing and buying a Series II or III Land Rover; maintenance and service procedures; detailed guides for repair and maintenance of each of the car's systems, including brakes, steering and suspension, engine, clutch and transmission, axles, hubs and propshafts, and electrical systems; repairing and preventing corrosion; upgrades for reliability, comfort, performance and off-roading; rebuilding a Series II or III Land Rover: things to know before you take on a project car. This practical guide and technical resource for all Series II, IIA and III owners and Land Rover enthusiasts is fully illustrated with over 280 colour photographs.

Military Land Rover 1947-2012 Enthusiasts' Manual 9780857330802 (hbk.) 0857330802 (hbk.) "Series I-III, Defender, Wolf, 'lightweight', 101in forward control, Minerva, Tempo, Otokar (etc)" "An insight into the development, adaptation and uses of the world's most popular military utility vehicle." Includes bibliographical references (p. 167) and index.

User Manual for Military Land Rover Series III (Lightweight) Brooklands Book Limited Covers Land Rover Series III Truck, Utility, half-ton, 4X4, vehicles with 12 & 24 volt electrical equipment. Land Rover 110 Perentie Cargo & General Service 4x4 Electrical & Mechanical Repair Handbook and

Instructions Createspace Independent Publishing Platform In the 1980s and 90s the Australian Defence Force introduced a much-modified Land Rover 110 as the Defence Force's basic lightweight utility vehicle. The basic cargo and general service models of the Australian Land Rover 110 are known as the "Truck, Utility, Lightweight, MC2" and the "Truck, Utility, Lightweight, Winch, MC2" respectively. There are several specialist variants of the Australian Land Rover 110, but the base vehicle is the same in most cases. Although never its official name, the Australian Defence Force Land Rover 110 is known among military vehicle enthusiasts as the "Perentie." They are almost universally considered to be the most capable Land Rover 110/Defender vehicles in the world. The "Perentie" was popularised around the world as Major Les Hiddins' vehicle in the hit TV series "Bush Tucker Man." This handbook reproduces the Australian Army's Electrical and Mechanical Engineering Instructions for the basic Land Rover "Perentie." It's 622 pages comprise a complete electrical and mechanical repair and servicing handbook for these iconic vehicles. It covers everything from basic servicing to complete rebuilds of the vehicle. Available for the first time in print, this handbook is designed as a workshop reference manual. Don't rely upon loose paper printouts. This edition is purposefully a low cost option and it never goes out of print, so you can keep one copy with the vehicle and another in the workshop. Land Rover Series II and IIA Specification Guide Crowood Press UK The Series II [1958-61] and Series IIA [1961-71] Land Rovers defined the iconic shape of the vehicle which is still instantly recognizable in today's utility models from Land Rover. Compiled over nearly thirty years, with the aid of reference material produced by Land Rover and many dedicated enthusiasts, this comprehensive guide to the specifications of the Series II and IIA vehicles looks not only at Land Rovers as they were when they left the assembly lines but also at dozens of options and 'approved' special conversions - and some which did not receive factory approval, too. The Half-Ton Military Land Rover Veloce Publishing Ltd The full story of the Lightweight military Land Rover. Packed with facts & photographs, this book covers all the variants used in the UK and overseas. A must for the Land Rover enthusiast & invaluable to all enthusiasts, owners, restorers and would-be buyers. Manual of Digital Earth Springer Nature This open access book offers a summary of the development of Digital Earth over the past twenty years. By reviewing the initial vision of Digital Earth, the evolution of that vision, the relevant key technologies, and the role of Digital Earth in helping people respond to global challenges, this publication reveals how and why Digital Earth is becoming vital for acquiring, processing, analysing and mining the rapidly growing volume of global data sets about the Earth. The main aspects of Digital Earth covered here include: Digital Earth platforms, remote sensing and navigation satellites, processing and visualizing geospatial information, geospatial information infrastructures, big data and cloud computing, transformation and zooming, artificial intelligence, Internet of Things, and social media. Moreover, the book covers in detail the multi-

layered/multi-faceted roles of Digital Earth in response to sustainable development goals, climate changes, and mitigating disasters, the applications of Digital Earth (such as digital city and digital heritage), the citizen science in support of Digital Earth, the economic value of Digital Earth, and so on. This book also reviews the regional and national development of Digital Earth around the world, and discusses the role and effect of education and ethics. Lastly, it concludes with a summary of the challenges and forecasts the future trends of Digital Earth. By sharing case studies and a broad range of general and scientific insights into the science and technology of Digital Earth, this book offers an essential introduction for an ever-growing international audience.

Land Rover Series III Specification Guide Crowood Press UK The Series III Land Rovers enjoyed a long production run of nearly fifteen years, taking over from the Series IIA types in 1971. The book follows its predecessor, **Land Rover Series II and IIA Specification Guide**, in trying to establish how its subject vehicles would have been when they were new. Compiled over a period of more than thirty years, the book draws on extensive reference material from Land Rover itself, and on the observations and knowledge of an army of enthusiasts. The complete specification guide to Series III Land Rovers, produced from 1971 to 1985 covers:

- Vehicle identification and specification
- changes.
- Options on standard models and special equipment.
- Conversions and Forward Control models.
- Overseas models and markets.
- Military and Lightweight models.

Land Rover: Military Versions of the British 4x4 Pen and Sword Military After the Second World War many American military vehicles become surplus stock and soon found their way into the hands of farmers and land owners across Great Britain. The subsequent heavy use and the real possibility of difficulties obtaining spares led Maurice Wilks, the Rover Car Company Chief Engineer, to design and build a replacement. Not only would the new Land Rover fill a gap in Rover's portfolio, but also bring in much needed post-war money. Intended as a stop gap, the Land Rover would cease production almost 68 years later, after a production run that had produced over two million vehicles. During that time it would transform how the military saw and used motor transport. From utilitarian General Service truck to cutting-edge weapon's platform the Land Rover would prove its worth time and again. This latest LandCraft title looks at the design and development of the Land Rover as well as the military specific variants designed and built, including the famous SAS Pink Panther, the nimble Light Weight and powerful Forward Control gun tractor. The title will also look at those key conversions that took place on standard Land Rovers throughout the duration of its life span. From the humble beings of the box like Series 1 to the formidable firepower and pace of the WOLF WMIK, the Land Rover was a constantly improved military vehicle. Through numerous trials, lessons learned and operational requirements the Land Rover was a vehicle that grew with the times. This LandCraft title removes some of the mystique that surrounds the myriad versions and how the Land Rover developed. It also includes the story of

the design and development of the exclusively military Light Weight and Forward Control versions. It also charts how the Land Rover became a virtual barometer for the technological and engineering developments that have occurred over the past 70 years. It demonstrates how the Land Rover's flexibility to change was its core strength. How the innovation of Rover and military mechanical engineers created a series of unbeatable military trucks. This section also looks at the smaller, important developments and variations in design which showed how adaptable the Land Rover really was. From specialist signals line layers to first responder fire and rescue vehicles, to the unit- and theater-led changes, the Land Rover was a vehicle that took all in its stride, proving its versatility. For the modeler there is nothing more important than the little things and this image-rich section of LandCraft's Land Rover title delivers the goods. Filled with crisp images, that chart the Land Rovers development, combined with detailed accompanying text, forms an enviable visual guide for the enthusiast and modeller alike. The Complete WW2 Military Jeep Manual Covering Willys Model MB and Ford Model GPW Brooklands Books Limited Comprehensive manual containing full information on how to maintain and overhaul the Ford and Willys Jeeps manufactured during WW2. Includes TM9-803, TM9-1803A, TM9-1803B, etc. Backpacker Backpacker brings the outdoors straight to the reader's doorstep, inspiring and enabling them to go more places and enjoy nature more often. The authority on active adventure, Backpacker is the world's first GPS-enabled magazine, and the only magazine whose editors personally test the hiking trails, camping gear, and survival tips they publish. Backpacker's Editors' Choice Awards, an industry honor recognizing design, feature and product innovation, has become the gold standard against which all other outdoor-industry awards are measured. Recon 6.0 Programmable Rover Land Rover Series I, II and III Restoration Manual Haynes Publishing With the aid of more than 1,000 detailed illustrations and text aimed at the do-it-yourselfer, this book describes and illustrates: how to renovate bodywork and chassis; how to strip out and replace interiors; how to give new life to mechanical and electrical components; what to look for when buying a Land Rover, and more. Also covers history, specifications, mechanics and modifications. Essential information for every Land Rover owner. Military Land Rover 1948 Onwards (Series I-III, Defender, '101', Wolf, etc) An insight into the history, development, production and role of the British Army's light four-wheel-drive vehicle Haynes Publishing UK Land Rovers have been used by the military since they were introduced, in Series I form, in 1948. The Land Rover's rugged, 'go-anywhere' reputation has led to its use in a vast number of military roles, from general-purpose workhorse to special forces reconnaissance vehicle, ambulance, communications vehicle and weapons platform. Additionally, a number of one-off prototypes have been produced for various trials. This manual provides a unique insight into the world of military Land Rovers, with an emphasis on military operation and equipment. The Motor Designing Data-Intensive Applications The Big Ideas

Behind Reliable, Scalable, and Maintainable Systems "O'Reilly Media, Inc." Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers. What are the right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively Make informed decisions by identifying the strengths and weaknesses of different tools Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity Understand the distributed systems research upon which modern databases are built Peek behind the scenes of major online services, and learn from their architectures Admiralty Manual of Seamanship Land-Rover Series I, II, IIA & III Herridge & Sons Limited There has rarely been a British success story like the Land-Rover. Developed in a short time and on a small budget, it was launched in 1948 and having passed through many revisions is still a world leader today. The Series detailed in Land Rover takes the reader from the beginning to 1985, and the many surviving examples, supported by a comprehensive parts and restoration industry, are seeing a solid increase in values. Here James Taylor, the premier historian of the marque, provides a detailed study of the Land-Rover's evolution through the period and the variants and special-purpose versions that were produced. Uniquely, it is the manufacturer's own sales brochures and advertising that supply the illustrations, which number some 400 images and serve not only to correctly depict the vehicles but also to re-create the atmosphere of the times when they were made. Land Rover Series 1 Restoration Manual The Crowood Press Land Rover Series I Restoration Manual has been written with the home restorer in mind and the aim of providing knowledge, confidence and the technical details required for a full restoration. The book follows a 1957 Series I 109in, but also discusses how the other Series I models differ. Each task is broken down into step-by-step instructions with accompanying photographs, from minor repair and maintenance procedures to a thorough inspection and refurbishment of the engine's core components. There are additional tips on how to keep restoration costs under control and what it takes to make a concours winner stand out from the pack. Superbly illustrated with over 830 colour photographs. The Rover V8 Engine Haynes Publications A thorough technical assessment of the Rover V8 engine and all methods of tuning for increased power output. Filled with the V8s transatlantic origins and production, its competition

career in rallies and in saloon car road racing, plus details of all Rover V8 speed equipment suppliers and professional engine builders. This volume brings the Rover V8 story up-to-date with developments ranging from the factory 3.9 litre, to the Range Rover of 1994. Land Rover 90. 110. Defender Brooklands Book Limited Fully comprehensive with many illustrations - owners' workshop manual for the 90,110 Defender petrol and diesel engines from 1983-on. Classic Car Restoration Guide The Complete Illustrated Step-by-step Manual Haynes Publications This comprehensive guide will help you through the entire process, from engine repair to bodywork. Don't begin that restoration project without Porter's professional techniques. Chariots for Apollo The NASA History of Manned Lunar Spacecraft to 1969 Courier Corporation Written by a trio of experts, this is the definitive reference on the Apollo spacecraft and lunar modules. It traces the design of the vehicles, their development, and their operation in space. More than 100 photographs and illustrations highlight the text, which begins with NASA's origins and concludes with the triumphant Apollo 11 moon mission. Popular Science Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better. Popular Science Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better. Land Rover 110 Perentie Regional Force Surveillance Vehicle (Rfsv) 4x4 Supplemental Electrical & Mechanical Repair Handbook and Instructions Createspace Independent Publishing Platform In the 1980s and 90s the Australian Defence Force introduced a much-modified Land Rover 110 as the Defence Force's basic lightweight utility vehicle. The Regional Force Surveillance Vehicle (RFSV) versions of this vehicle are known as the "Truck, Surveillance, Lightweight, Winch, MC2" and the modified versions of the same vehicle are known as "Truck, Surveillance, Lightweight, W/Winch, W/Side stowage, W/Rear seat, MC2 - Land Rover 110 4x4 (RFSV)" respectively. These are specialist variants of the basic Australian Land Rover 110 Perentie. Although never its official name, the Australian Defence Force Land Rover 110 is known among military vehicle enthusiasts as the "Perentie". They are almost universally considered to be the most capable Land Rover 110/Defender vehicles in the world. The "Perentie" was popularised around the world as Major Les Hiddins' vehicle in the hit TV series "Bush Tucker Man". This handbook reproduces the Australian Army's Electrical and Mechanical Engineering Instructions for the "Regional Force Surveillance Vehicle" (RFSV) variant of the Land Rover 110 "Perentie". The RFSV was designed for long distance remote area work with the Australian Army's Regional Force Surveillance Units such as NORFORCE, the 51st Bn FNQR and the Pilbara Regiment. The resulting vehicle is the ultimate offroad overlanding Land Rover. The handbook's 157

pages comprise a complete electrical and mechanical repair handbook for the specialist parts and equipment fitted to the "Regional Force Surveillance Vehicle" models of the Perentie. The handbook is designed to complement and supplement the much larger handbook for the Perentie Cargo & General Service 4x4 base model. Available for the first time in print, this Supplemental handbook for the Perentie RFSV is designed as a workshop reference manual. Don't rely upon loose paper printouts. This edition is purposefully a low cost option and it never goes out of print, so you can keep one copy with the vehicle and another in the workshop. Land Rover 110 Perentie Fitted for Radio 4x4 Supplemental Electrical & Mechanical Repair Handbook and Instructions Createspace Independent Publishing Platform In the 1980s and 90s the Australian Defence Force introduced a much-modified Land Rover 110 as the Defence Force's basic lightweight utility vehicle. The radio versions of this vehicle are known as the "Truck, Utility, Lightweight, FFR (Fitted For Radio), MC2" and the "Truck, Utility, Lightweight, FFR, Winch, MC2" respectively. These are specialist variants of the basic Australian Land Rover 110 Perentie. Although never its official name, the Australian Defence Force Land Rover 110 is known among military vehicle enthusiasts as the "Perentie." They are almost universally considered to be the most capable Land Rover 110/Defender vehicles in the world. The "Perentie" was popularised around the world as Major Les Hiddins' vehicle in the hit TV series "Bush Tucker Man." This handbook reproduces the Australian Army's Electrical and Mechanical Engineering Instructions for the "Fitted For Radio" variant of the Land Rover 110 "Perentie." It's 42 pages comprise a complete electrical and mechanical repair and servicing handbook for the specialist parts and equipment fitted to the "Fitted For Radio" models of the Perentie. The handbook is designed to complement and supplement the much larger handbook for the Perentie Cargo & General Service 4x4 base model. Available for the first time in print, this Supplemental handbook for the Perentie FFR is designed as a workshop reference manual. Don't rely upon loose paper printouts. This edition is purposefully a low cost option and it never goes out of print, so you can keep one copy with the vehicle and another in the workshop. Formal Modeling and Analysis of Timed Systems 5th International Conference, FORMATS 2007, Salzburg, Austria, October 3-5, 2007, Proceedings Springer This book constitutes the refereed proceedings of the 5th International Conference on Formal Modeling and Analysis of Timed Systems, FORMATS 2007. It covers work on foundations and semantics of timed systems; examines techniques, algorithms, data structures, and software tools for analyzing timed systems and resolving temporal constraints; and details applications like real-time software, hardware circuits, and problems of scheduling in manufacturing and telecommunication. Astronaut 1961 onwards (all roles and nationalities) Haynes Publishing UK The book begins with early ideas about astronauts in science fiction and film portrayals of the role. It goes on to cover recruitment and the application process to become an astronaut with NASA

and ESA, and the qualifications and fitness required for various astronaut roles. The reader is taken through training for different types of astronaut roles (pilot, scientist, payload specialist, space walker, Moon walker, etc) and the different types of missions are described (sub-orbital, Earth orbit, living aboard the International Space Station (ISS), lunar flight and landing, driving on the Moon, and planned future missions to asteroids and Mars). The equipment used by astronauts is documented, including clothing, space suits, tools, backpacks, zero-gravity toilets, food stations, etc. The experience of space flight on typical missions is outlined, illustrated by the accounts of real astronauts on actual flights - the experience of launch, first reactions to Zero-G, exiting the hatch for a spacewalk, the views of Earth, walking on the Moon, and re-entering the Earth's atmosphere. The book is written in a style accessible to the layperson, while including sufficient technical details to satisfy more knowledgeable readers. It also captures the excitement and wonder of spaceflight, making extensive use of astronaut biographies and interviews to uncover the real human experience, as much as technical information to provide detail to satisfy those curious about 'how it works'. Support to High Intensity Operations The Stationery Office The provision of support for troops in Iraq and Afghanistan is made more difficult because they operate in remote locations and harsh conditions. Despite the challenging operational environments, the Ministry of Defence (MOD) has successfully delivered around 300,000 personnel and 90,000 tonnes of freight to Iraq and Afghanistan over the last two years. However, it has not consistently met its targets for delivering supplies in a timely fashion. The MOD is taking measures to improve the effectiveness of its supply chain; and the amount of time a unit waits for items to be delivered has reduced by half in Afghanistan and a third in Iraq. £4.2 billion has been approved to upgrade or buy new equipment to meet urgent requirements in the two theatres. The NAO found that the availability of this equipment has generally met or exceeded targets, though there have been spares shortages with some fleets particularly when the vehicle is used for a different purpose than intended. The availability and serviceability of helicopters has exceeded MOD targets, although prioritisation of spare parts for operations has led to reduced availability in the UK. There are also shortages of equipment for Service personnel in the UK to train with, prior to deployment overseas. Accommodation, medical and welfare services to Service personnel on operations are generally satisfactory although provision at the smaller patrol bases is more basic. The helicopter borne Medical Emergency Response Teams provide quick, life-saving medical support to casualties and evacuate them speedily to hospital.