



Life Shield
© Copyright – All rights reserved

lifeshield.com.sa

Vision For A Better Future





The Custodian of the Two Holy Mosques
King Salman bin Abdulaziz Al Saud



My primary goal is to be an exemplary and leading nation in all aspects, and I will work with you in achieving this endeavour.





His Royal Highness
Mohammed bin Salman bin Abdulaziz Al Saud
Crown Prince, Prime Minister,
and Chairman of the Council of Economic and Development Affairs

It is my pleasure to present Saudi Arabia's Vision for the future. It is an ambitious yet achievable blueprint, which expresses our long-term goals and expectations and reflects our country's strengths and capabilities. All success stories start with a vision, and successful visions are based on strong pillars.



Message from the Chairman

Since its inception almost over 50 years ago, Life Shield has been a prestigious leader amongst Defence and Military companies in the Kingdom of Saudi Arabia. This is accredited to its distinctive work force that possesses great experience and immense competence. Additionally, the creation of well-formulated strategies that are executed with precision and expertise. With these inherent qualities, the company is staged for steady growth and prosperity.

The annual report records several achievements and future-plans that are going to support the company in overcoming the various challenges it faces. The company has always adopted a policy of transparency, integrity and strict adherence to the rules of governance and all related laws and regulations.

In conclusion, I would like to extend my thanks to my leadership team, managers, employees of the company and to express my appreciation to the Board of Directors for their guidance that has contributed to our accomplishments as an entity. I would also like to thank all the team for their ongoing support towards achieving further growth in the future.

Life Shield Team



Hisham Mansour Jamaan Al Jamaan
Chairman, Life Shield
Holding Group of Companies

Disclaimer

The information in this document is confidential and may also be privileged. Hence all matter here-in may be treated in only the same manner as is the purpose that this document serves specifically. In this regard, please do not disclose the contents of this document to any other individual/ firm, nor take copies. Violation of this notice may be unlawful.

ABOUT US

LIFE SHIELD is a Saudi company established in 1968. The company has had a long experience in the military and security field, it participated in the first and second Gulf Wars providing military equipment and manufacturing. LIFE SHIELD has obtained strategic global partners in the military and security field. Life Shield has already signed TOT with several partners and will start manufacturing in the Kingdom.

The Company is specialized in military manufacturing besides variety of other domains, including the provision of products and solutions for military and security systems, communication systems, information technology, atomic energy systems, and military training.

OUR MISSION

To provide high quality products, solutions and services through innovation and ongoing work to improve, develop and sustain our solutions and products to match and keep pace with state-of-the-art technologies and services in order to meet the needs of our Kingdom and the world.

OUR VISION

To be a leading Saudi company in innovation, manufacturing and development to provide defense and security solutions all over the world.

Our Services

LIFE SHIELD prides itself by the provision of a wide range of integrated services that offer our clients a successful and ideal experience and make us partners in success as we pay attention to the finest details of the work to cater to all needs in several areas; such as:

- Military systems and solutions.
- Arms and ammunition.
- Security systems and solutions.
- Communications and IT systems and solutions.
- Provision of consulting services and solutions.
- Support, training, and development.
- Manufacturing.

LIFE SHIELD has provided various services, products and solutions for several sectors such as, The Royal Guard Command, Armed Forces, Joint Forces, Ministry of Defense, Ministry of Interior, Ministry of National Guard, Special Security Forces, below are a some of the systems we are currently providing;

- Arms and Ammunitions
- Bombs, Rockets and Warheads
- Personnel equipment
- Detection and Surveillance Systems
- Skydiving Equipment & Accessories
- Communication Systems
- Alternative Energy Systems
- Atomic (Nuclear) Energy Systems
- Training and Simulation Systems
- Manufacturing
 - Aircraft systems manufacturing (F-15, F-15S, Tornado).
 - Manufacture of bomb and rocket bodies.
 - Manufacture of munition bodies.
 - Manufacture of vehicle bodies.
 - Manufacture of machine gun tripods.
 - Manufacture of personnel carriers.
 - Manufacture of portable workshops.
 - Vehicle armoring.

Medium Arms

Medium FireArm – Weapon System LS M134



The LS M134 is an electrically driven, (24 VDC) mechanically actuated, Gatling style machine gun with a sustained rate of fire of 3,000 rounds per minute (RPM) (+/- 10%). Optionally, the LS/PF M134 can be equipped with a “Dual Rate” digitally controlled GCU that allows the user to select either a 1500 RPM or 3000 RPM rate of fire.

Technical Data

Applications:	Vehicles, Unmanned Aerial Vehicles, Naval Vessels, Aircraft & Remote Weapons Systems (RWS)
Control Unit (CU):	Variable rate of fire with presets from 800 to 3,000 rounds/minute, real time ammunition display
Effective range:	1,100 meters
Suppression range:	1,300 meters
Innovative weapon systems safety features:	Positive mechanical rotor lock system (optional) Electrical overload protection
Power Source:	Military grade 48V-DC, rechargeable
Ammunition:	7.62x51mm NATO with M13 links
Gun Weight:	Crew served 60.5 lb (27.4 kg)
	Fixed forward 56.9 lb (25.8 kg)
Recoil:	75 lb (34.0 kg) to 150 lb (68.0 kg)
Brushless drive and booster motors	
Crew Served Overall length:	37.5 in (953 mm)
Overall width:	8.5 in (215 mm)
Tested to and compliant with MIL Spec standards; Accuracy exceeds MIL-M-45920	
60+ awarded and pending international and United States patents	



Medium FireArm – Weapon System

LS 556



Descended from the LS M134, the all new LS 556 has been designed using the same patented technology and aerospace manufacturing processes but with the additional benefits of being a lighter weight more compact system. The LS 556 is equipped with a fully programmable digital GCU that incorporates full brushless motor control of the weapon and the ammunition booster. This unique feature allows for precise weapon and ammunition quantity management.

Technical Data

Applications:	Light vehicles, Naval vessels, aircraft, Remote Weapon Systems (RWS), Unmanned vehicles, drones, VIP escort, etc.
Control Unit (CU):	Variable rate of fire with presets from 1,500 to 4,000 rounds/minute, real time ammunition display
Effective range:	900 meters
Suppression range:	1,100 meters
Innovative weapon systems safety features:	- Positive mechanical rotor lock system (optional) - Electrical overload protection
Power Source:	Military grade 48V-DC, rechargeable
Ammunition:	5.56x45mm NATO with M27 links
Gun Weight:	~33 lb (15 kg)
Recoil:	~42 lb (19kg) @ 1500 rds/min ~113 lb (51 kg) @ 4000 rds/min
Brushless drive and booster motors	
Overall width:	~35.0 in (889 mm)

60+ awarded and pending international and United States patents

Medium FireArm – Weapon System

LS PROWS



- 7.62 or 5.56mm capable
- +90/-20 degree elevation & depression
- Operator programmable multi target engagements
- Tablet operated
- Independent power source
- Stabilized capable

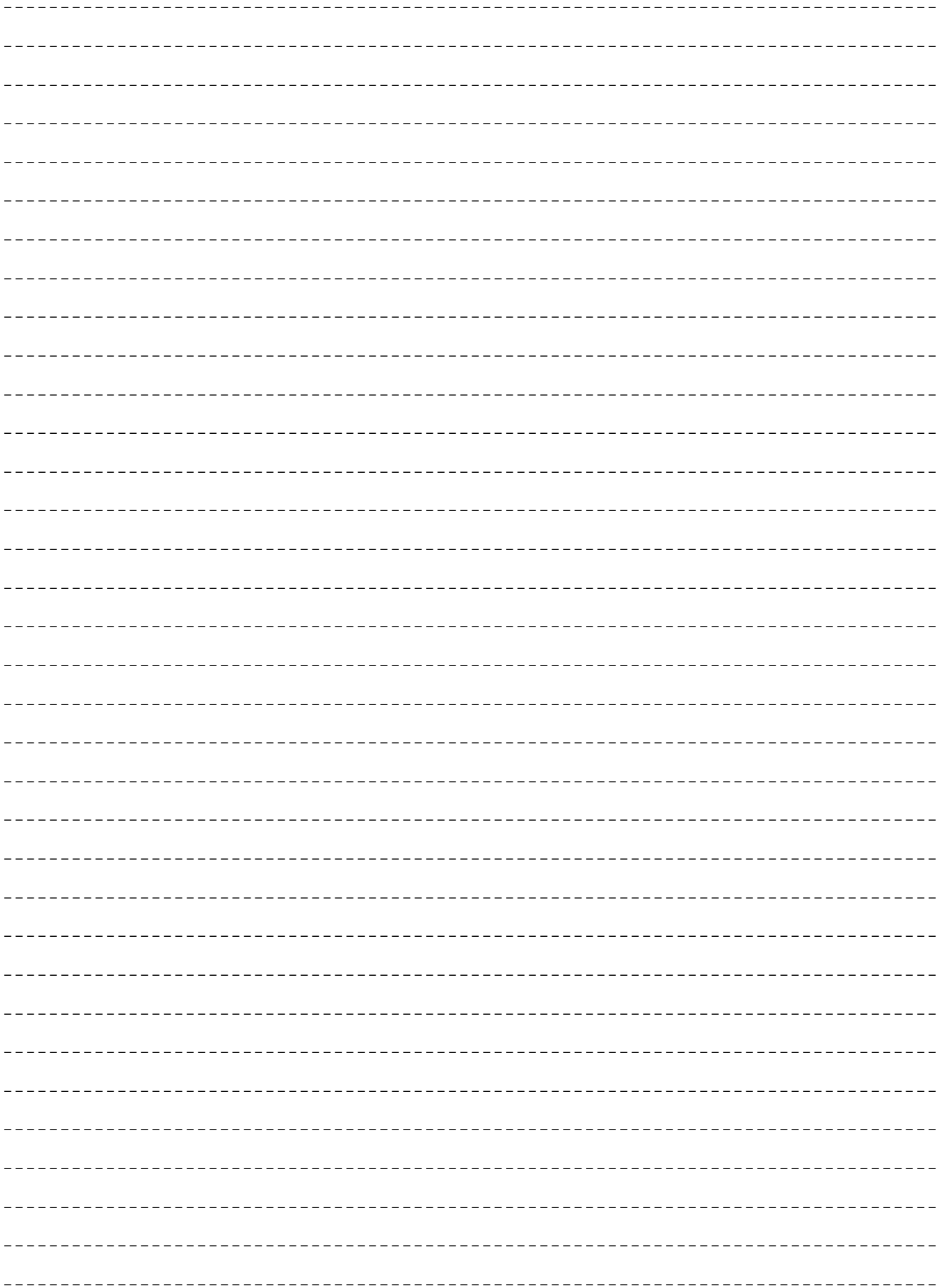
Technical Data

System Weight	55 lbs (25kg)
Max Power consumption	200W
Input voltage range	20-30V-DC (48V-DC optional)
Internal battery capacity	> 10,000 rounds
Operating temperature	-40 to 65 deg C
Maximum azimuth/ elevation speed	160+ deg/s
Azimuth/ elevation range	360 deg continuous/ -20 to 90 deg
Day camera resolution	Application Specific
Day camera field of view	Application Specific
Thermal resolution	Application Specific
Thermal (h x c) field of view	Application Specific
Integral wireless module	Optional

- The PROWS brings maximum firepower while having the lightest weight and lowest required electrical power.
- PROWS delivers increased and improved lethality through variable rates of fire that can be managed and monitored (wired / wireless) via the Profense Tactical Hand Controller (PTHC). This also allows the user to manage ammunition consumption.
- PROWS reduces overall system payload (total weight) and space claim (by an average of 40%) versus current Common Remotely Operated Weapon Stations (CROWS).
- The PROWS design is platform agnostic and features the lowest profile (size) of any remote weapon station.
- Providing multi-barrel power has always been a challenge, the PROWS mitigates this challenge with an integral battery pack.
- Provides platform security and lethality WRT direct action (and hard-kill defeat), counter- UAV scenarios; perimeter / FOB security; convoy protection, and autonomous operations.
- The PROWS technology is a force multiplier for Light Tactical Vehicles, Tactical Wheeled vehicles, VIP Convoy Vehicles, FOB fixed mounted entry check points, and aboard maritime platforms.

Comments:

A series of horizontal dashed lines for writing comments.





Vision For A Better Future

T: +966 11 4000808 F: +966 11 4000808/888 contact@lifeshield.com.sa
2751 Prince Sultan Road, Al Mather North, 12331 Riyadh, Saudi Arabia.