



Life Shield
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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

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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.

Rockets

Unguided Rockets

LS 66



The FFAR Rocket - MK66 High Performance is a 2.75 inch high performance unguided air-to-ground rocket with four wrap around fins for stabilization.

Warhead: Exercise, AP, AC

Fuse: Mechanical Impact Fuse

Technical Data

Total length (mm):	1059
Maximum diameter (mm):	70
Total weight (kg):	6.3
Motor burn time (s):	1.1
Propelled Trajectory (m):	more than 390
Maximum speed (m/s):	more than 700
Shell life:	20 years
Effective range (m):	5600
Maximum range (m):	more than 8000
Launchers:	LAU-68, LAU-3A or similar
Stabilizer:	foldable fin
Operation temperature:	-23°C to 65°C
Storage temperature:	-23°C to 70°C
Propellant grain mass:	Double Base Rocket MK-90

Unguided Rockets

LS 40



The FFAR Rocket – MK40 High Performance is a 2.75 inch high performance unguided air-to-ground rocket with four wrap around fins for stabilization.

Warhead: Exercise, AP, AC

Fuse: Mechanical Impact Fuse

Technical Data

Total length (mm):	1003
Maximum diameter (mm):	70
Total weight (kg):	5.2
Motor burn time (s):	1.57
Propelled Trajectory (m):	more than 400
Maximum speed (m/s):	more than 580
Shell life:	10 years
Effective range (m):	3000
Maximum range (m):	more than 5000
Launchers:	LAU-68, LAU-3A or similar
Stabilizer:	foldable fin
Operation temperature:	-23°C to 65°C
Storage temperature:	-23°C to 70°C
Propellant grain mass:	MK 43 . dual base missile

Warheads

Antitank Warhead AC

CAB 70 AC



Technical Data

Total length (mm)	224.5
Maximum diameter (mm)	2.6
Total weight (kg)	3.8
Explosive weight (kg)	1
Explosive	COMP B
Quantity of fragments	-
Lethal area radius (m)	-
Penetration on steel (mm)	more than 170
Fuse	EOM-FAP
Fuse parameters	
Total length (mm)	104
Maximum diameter (mm)	45
Total weight (g)	322
Initiation by	impact
Arming by	Inertia

Anti-Personnel Warhead

CAB 70 AP



Technical Data

Total length (mm)	325
Maximum diameter (mm)	70
Total weight (kg)	3.8
Explosive weight (kg)	1
Explosive	COMP B
Quantity of fragments	Over 700
Lethal area radius (m)	Over 50
Penetration on steel (mm)	-
Fuse	EOM-FAP
Fuse parameters	
Total length (mm)	99
Maximum diameter (mm)	45
Total weight (g)	311
Initiation by	impact
Arming by	Inertia

High Explosive Warhead

CAB 70 HE

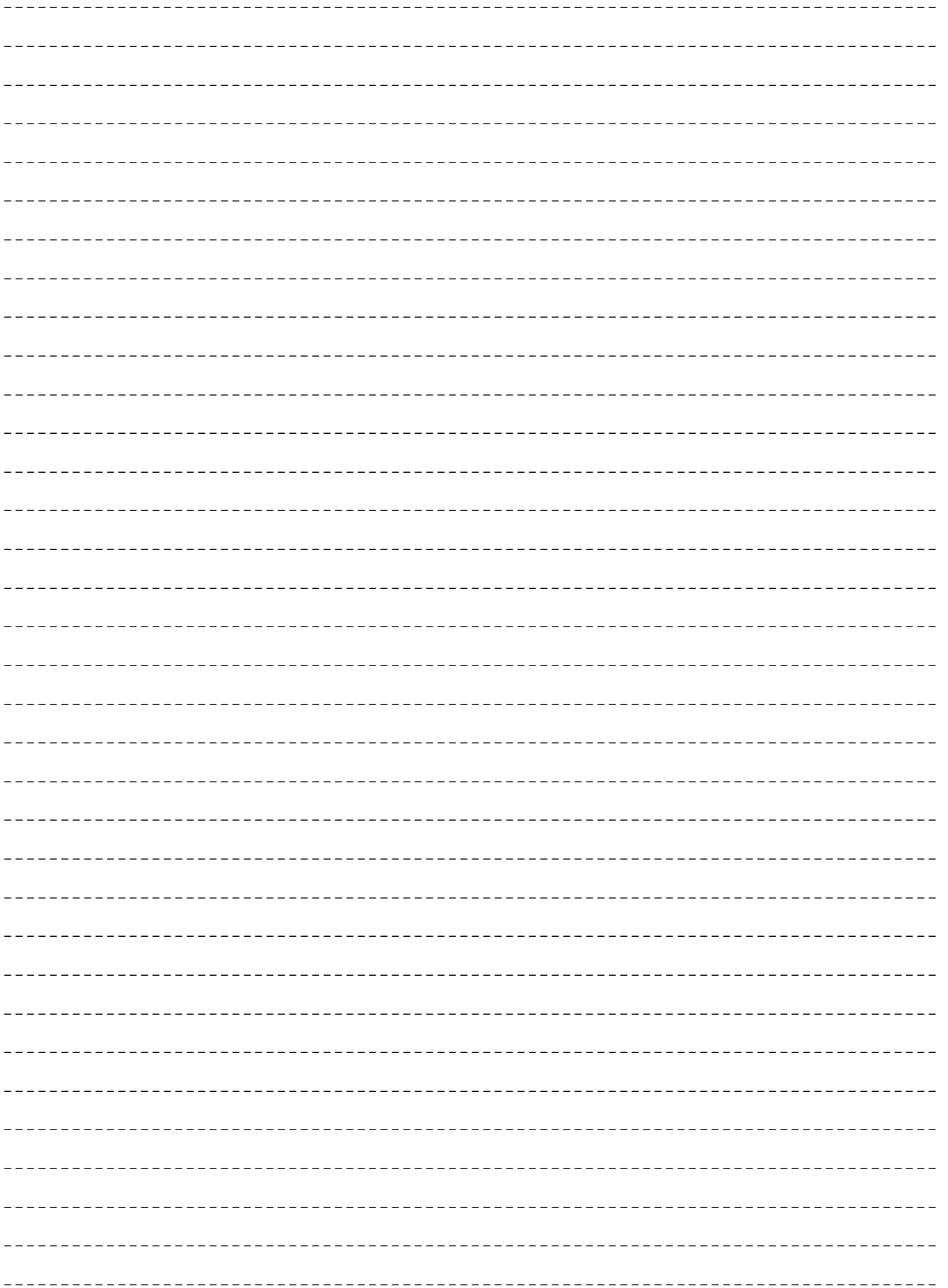


Technical Data

Total length (mm)	425
Maximum diameter (mm)	70
Total weight (kg)	7.3
Explosive weight (kg)	2.1
Explosive	COMP B
Quantity of fragments	Over 1000
Lethal area radius (m)	Over 75
Penetration on steel (mm)	-
Fuse	EOM-FAP
Fuse parameters:	
Total length (mm)	99
Maximum diameter (mm)	45
Total weight (g)	311
Initiation by	impact
Arming by	Inertia

Comments:

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