



MSHORAD – Mobile Firing Unit

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MFU: the Muscles of MSHORAD



FLEXIBLE DEPLOYMENT

- Vehicle-mounted
- Autonomous operation, stand alone

HIGH EFFECT

- High probability of kill
- Unjammable guidance

RAPID ENGAGEMENT

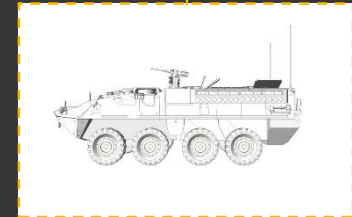
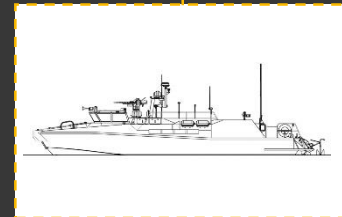
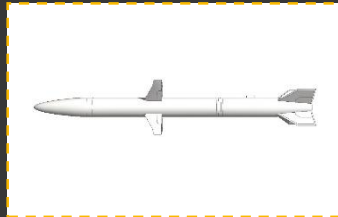
- Built-in, decision-making support
- No lock-on required before launch



SAAB

Multi-target capability

Multi-purpose missile - One target, one missile - Unjammable



RBS 70 NG: Modular concept

MSHORAD



MANPADS



Remotely controlled



Common sight module

CONVERSION to MANPADS



MSHORAD
Crew

- NG sight is easily removed from the MFU
- Enables MANPADS deployment in tactically demanding situations
- Requires minimal extra equipment
- Allows tactical advantages
- Redeploy to positions unreachable by vehicle, e.g. high buildings



MARS S-330 4x4 - MOBILITY



Vehicle options - Examples



8 x 8



ATV



APC

Internal equipment storage example

Left-hand side



Right-hand side



MFU work stations

Commander Station



Operator Station

RBS 70 NG Sight

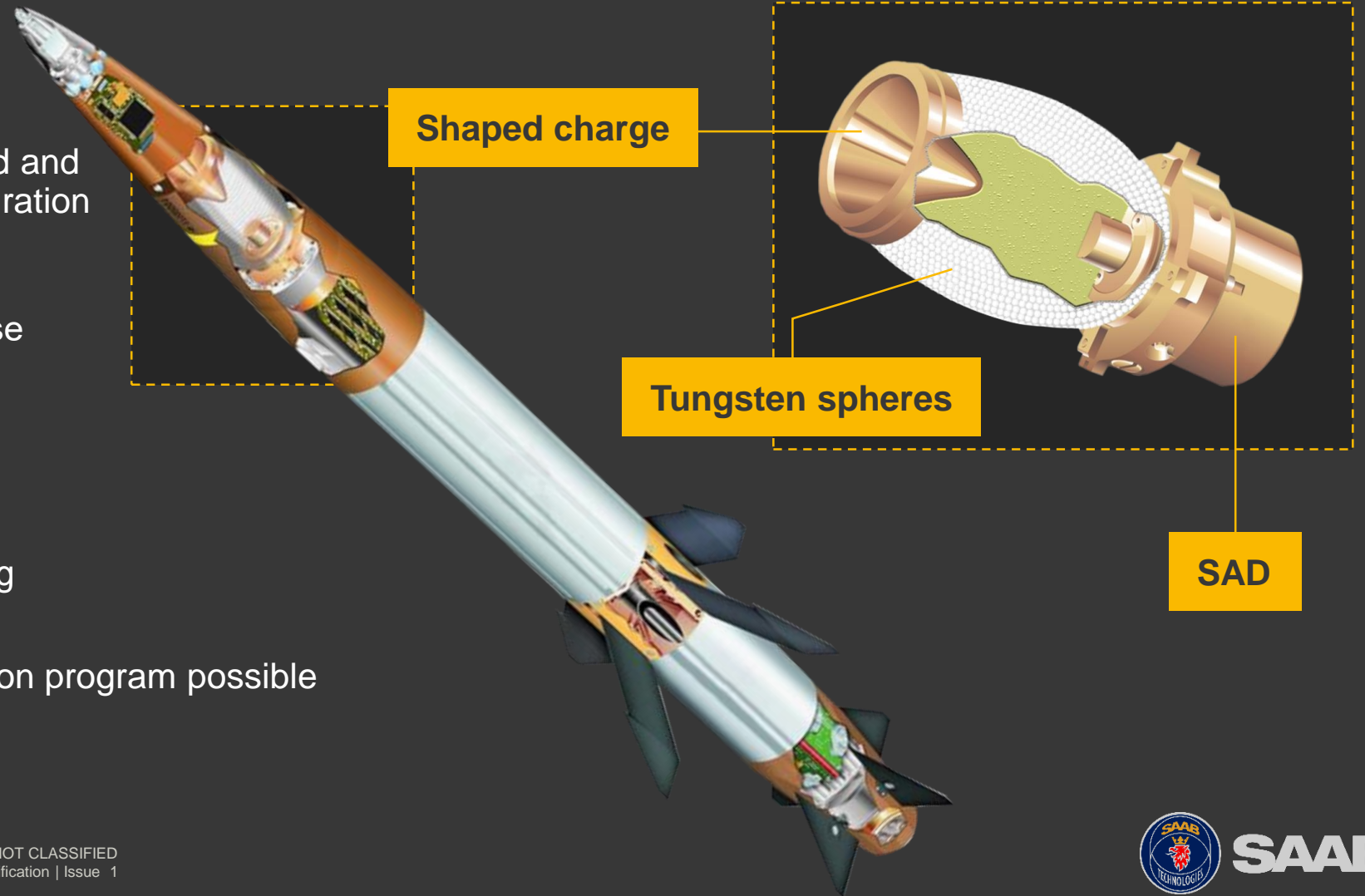
- Unjammable laser guidance
- Long firing range: >17 km at launch
- Short reaction time
 - Digital integration to C2 with target and cueing information
 - No lock-on required
- Auto tracker
 - Improves accuracy and reduces operator workload
- Integrated IR, 24/7 camera
 - Long detection range, no add-ons
 - Auto detection, search pattern
- Long System lifetime – Low lifecycle cost
- Transport lock and login options
- Optional - IFF System



SAAB

RBS 70 family Missile

- All-Up Round – AUR
 - Delivered, stored, transported and launched in the same configuration
- Multi-target capability:
 - Selectable laser proximity fuse
 - Small targets
 - Armoured targets
- Intercept range: >9 km
- Altitude coverage: 0–5,000 m
- Manoeuvrability, more than 20 g
- Maintenance-free
- Long shelf life, Lifetime extension program possible



MSHORAD training system

- Dedicated operator trainers
 - Embedded trainers
 - All aspects of firing & operation
 - All operator assignments
 - Single unit training
 - Multiple MSHORAD trainers
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