Target Systems & Services by Airbus Defence and Space

For more than 50 years

Armed Forces worldwide are supported in their Live Firings
- Ground based Air-Defence
- Ship-Defence Units and
- Air-2-Air Trainings

TS&S globally delivers
- Towed Aerial Targets
- Direct Aerial Targets
- Naval Surface Targets
and provides the Operational Services.

Threat Simulation – Single & Multi Targets
- Cruise Missiles
- Fighter Aircraft
- Helicopters
- UAVs
- Stand-off Missiles
- Maritime Vessels

Benefits
- Authentic Training for Operators and Crews
- Chain of Command Procedure Training
- Realistic Evaluation of Personnel and Weapon Systems

Proven Service
Guaranteed Reliability
- No downtime during Life Firing Exercises
- Guaranteed performance of Target Missions
- Pay per Performance

Proven Quality
- >1,500 Aerial Targets produced
- >2,700 successful missions worldwide
- Various RPAS Certifications

Experience
- Self-sustained mission teams
- Deployable all around the world
- Over 50 years of experience with Aerial Targets

Start-to-Finish Mission Support: You Focus on Your Task during Training

Consultancy and Mission Planning

Debriefing & Performance Analysis

Execution of Target Operations on Site

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Role
- Miss Distance Indicator
- Low Level Kit
- Electronic Warfare Kit
- Counter Measures

Augmentation
- Infra Red
- Radar (active/passive)
- Visual (smoke/fight
- Laser

Special
- Missile Simulator DT55
- External Fuel Tank
- IFF-Transponder
- Active Radar Emitter

Flexibility
- Various Platforms to simulate Threats
- Simultaneous operation of different platforms

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DO-DT25
The Multipurpose Aerial Target
DO-DT25 – The Multipurpose Aerial Target

The Do-DT25 is the autonomous medium-speed Multi purpose Aerial Target. Designed to provide threat simulation for surface-to-air and air-to-air missile training and evaluation for radar as well as infrared guided missile systems and gunnery. It is capable of carrying a variety of external and internal payload options.

Performance @ SL, ISA
- Max. Speed: 300 kts
- Endurance: 60 min
- Operating Altitude: 35 - 33,000 ft
- Operating Range: 110 km (LoS)

Payload Options
- RCS Augmentation: Passive / Active
- IR Augmentation: Permanent / Flares
- Laser Augmentation: Laser Reflection Foil, Laser Prism
- Visual Augmentation: Smoke, Light
- Special Role Equipment: Video Camera, IFF transponder, Miss Distance Indicator, LowLevel Kit, Electronic Warfare Payload, Countermeasures, external Fuel Tank, Missile Simulator (Do-DT55)

Dimensions and Weight
- Length Overall: 3.1 m
- Wing Span: 2.5 m
- MTOW: 144 kg

Experience / References
- Family in Service since 2002
- Family Units built >1,900
- Patriot
- Stinger
- IRIS-T SL
- CIWS
- RAM
- ESSM
- NSSM
- Sidewinder
- AMRAAM
- Standard Missile
- Sparrow
- Umkhotso
- Mistral
- Crotale
- Shahine
- Spyder

Airbus Defence and Space
88039 Friedrichshafen / Germany / Email: tss@airbus.com / Phone: +49 7545 83896
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DO-DT35
The cost efficient Aerial Radar Target
DO-DT35 – The cost efficient Aerial Radar Target

The Do-DT35 is a fast flying Aerial Target for radar weapon systems. It is the only non-US Target qualified for the use in the Patriot Field Surveillance Program.

| Performance @ SL, ISA | • Max. Speed: 350 kts | • Endurance: 30 min |
| • Operating Altitude: 300 – 33,000 ft | • Operating Range: 110 km (LoS) |

| Payload Options | • RCS Augmentation: Passive / Active | • IR Augmentation: Aft-end |
| • Laser Augmentation: Laser Reflection Foil | • Visual Augmentation: Smoke |
| • Special Role Equipment: Video Camera |

| Dimensions and Weight | • Length Overall: 1.8 m | • Wing Span: 1.5 m |
| • MTOW: 51 kg |

| Experience / References | • Family in Service since 2002 | • Family Units built >1,900 |
| • Patriot | • Hawk |
| • Roland |

AIRBUS
Airbus Defence and Space
88039 Friedrichshafen / Germany / Email: tss@airbus.com / Phone: +49 7545 83896
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DO-DT45
The High Speed Aerial Target
DO-DT45 – The High-Speed Aerial Target

The Do-DT45 is the autonomous high-speed Aerial Target, designed to provide threat simulation for surface-to-air, air-to-air and ship-to-air missile training and evaluation.

### Performance @ SL, ISA

- Max. Speed: 450 kts
- Endurance: 50 min
- Operating Altitude: 35 – 33,000 ft
- Operating Range: 110 km (LoS)

### Payload Options

- RCS Augmentation: Passive / Active
- IR Augmentation: Permanent / Flares
- Laser Augmentation: Laser Reflection Foil, Laser Prism
- Visual Augmentation: Smoke, Light
- Special Role Equipment: Video Camera, IFF transponder, Miss Distance Indication, LowLevel Kit, Active Radar, Emitter

### Dimensions and Weight

- Length Overall: 2.3 m
- Wing Span: 1.8 m
- MTOW: 90 kg

### Experience / References

- Family in Service since 2002
- Family Units built >1,900
- Stinger
- IRIS-T SL
- Patriot
- CIWS
- Main Gun
- RAM
- Standard Missile
- ESSM
- NSSM
- Umkhonto
- Sidewinder
- AMRAAM
- IRIS-T
- VL-Mica
- Mistral
DO-DT55
The Air-Launch Missile Simulator
The Do-DT55 is the autonomous high-speed Aerial Target drone, designed to provide simulated air launched threats for surface-to-air, air-to-air and ship-to-air missile training and evaluation. The Target will be air-launched from the Do-DT25 CA (Carrier) and is designed to simulate Anti-Radar or Anti-Ship Missiles.

### Performance @ SL, ISA
- Max. Speed: 455 kts
- Endurance: 5 min
- Operating Altitude: 300 - 25,000 ft
- Operating Range: 110 km (LoS)

### Payload Options
- RCS Augmentation: Passive / Active
- Laser Augmentation: Laser Reflection Foil
- Special Role Equipment: Video Camera

### Dimensions and Weight
- Length Overall: 1.6 m
- Wing Span: 0.5 m
- MTOW: 22 kg

### Experience / References
- Family in Service since 2002
- Family Units built >1,900
- Patriot
- Mantis
- Standard Missile
- ESSM
- NSSM
- Spyder