

Air Combat

Cannon Shot Scoring System

TAXAN

AREZIA
Bolder together

/ Target for realistic live fire training

/ Qualified on multiple tow aircraft

/ ASPI System equipped with a scoring system (MDI)

/ Real time scoring via ground station or in-cockpit system



aresia.com

TAXAN

Advanced aerial target for Air-to-Air gunnery training



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TECHNOLOGY

4 acoustic sensors

ACCURACY

+/- 10%

WEAPONS & CALIBRES

Cannon - 7,62 to 30 mm

TRANSMISSION

Wireless

POWER

Internal battery
(4 hours battery life)

DIMENSIONS & WEIGHT

Detection module :

1100 mm x 217 mm x 188 mm
(~40 kg)

Tetraplan:

5870 mm x 1500 mm
(~13 kg)



APPLICATION

TAXAN is a well-established aerial target system with over 6000 produced and in service throughout the world. The system is an indispensable training aid for any armed force looking to improve the level of training of its combat aircrews. It is an ideal system for qualifying crews in live fire exercises against a realistic manoeuvring target (up to 500kts and 5g depending on tow platform).

SCORING

The TAXAN air-to-air target system is equipped with acoustic scoring technology (ASPI) which provides real time results of each live firing pass. These results can be customised and provide scoring of bullets detected in a virtual sphere around the target, indicating the passage sectors (radius greater than 15 m). The results can be passed to the shooting aircraft by a ground-based safety officer using a ground station, or by the towing pilot using an in-cockpit scoring.

PRODUCT

The TAXAN target can be towed by many platforms and requires no modification of the towing aircraft. It consists of 3 principal elements :

- A container, designed to be installed under a standard NATO 14-inch pylon.
- A detection module containing the scoring technology, with a textile Tetraplan that represents the target, also designed to aid visual detection of the target system and equipped with a radar reflector.
- A scoring system on station.

Once the tow pilot deploys the system, the target is fully operational, on a 500m cable behind the tow aircraft in only 8 seconds. At the end of the mission, the target and cable are dropped from the container on to a prepared area of the airfield, ready to be recovered and prepared for another mission.

