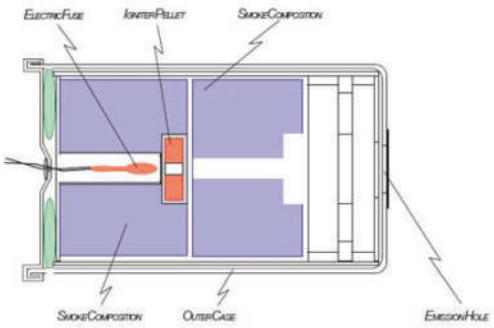
ANADRONE

Support products and services

BTT3-0915-000-000

Flare, tracking, smoke



Aerial Targets (Remotely Piloted Vehicles) require visual enhancement to ensure early acquisition if realistic and cost-effective anti-missile/anti-aircraft training of defences is to be achieved.

Each smoke tracking flare produces a vivid Red/Orange coloured smoke that is visible at ranges of 6 to 10Km in fair weather conditions. Ignition of the flare is initiated by the target operator sending a firing signal by remote control after which the smoke will be emitted for 40-50 seconds.

The lightweight and simple design ensures that a maximum number of flares will fit easily into existing Remotely Piloted Vehicle (RPV) pods. The design of the product also ensures that Miss Distance Indicator (MDI), if fitted, are free from interference. In addition the environmental sealing remains intact during flight unless the flare is ignited thus avoiding any possible ingress of moisture before firing and also allowing return to storage if not used.

CONSTRUCTION

The flare consists of a metal body containing solid pellets of an orange or red smoke-producing composition and an integral electric ignition system. A large volume of vivid orange or red smoke is emitted through an aperture in the base of the canister which is environmentally sealed up to the moment of firing.

Key features

- Dense, highly visible smoke generator
- Ignition on command from target control station
- Burn time in excess of 40 seconds each.
- A range of available colours

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Specification

Characteristics		
	Delay:	Less than 8 seconds
	Burn Time:	40 seconds
Dimensions		
	Length:	99.0 mm (3.9 in.)
	Diameter:	58.0 mm (2.28 in.)
	Gross weight:	240g (8.46 oz.)
	Net explosive content:	176g (6.21 oz.)
References		
	NATO stock no:	Orange smoke 1370 99 6239326
	UN hazard classification:	1.4S
	UN No:	0432
	Note: Alternative colours available:	Black colour – BTT3-0932-000-000 Green colour – BTT3-0933-000-000
Storage		
	Good magazine conditions (GMC), stable temperature between 5^0 C and 30^0 C. Relative humidity less than 70%. Shelf life in these conditions at least 3 years.	

Note: Due to continuous process improvements, specifications are subject to change without notice

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