



AERO-TARGET BT
HUNGARY, 6100 Kiskunfélegyháza, Tölgyfa utca
2/C, <http://aerotarget.atw.hu>

Meteor-3R (MGR-30R), Autopiloted target drone



The specification of the Meteor-3 target drone is:

- *Purpose:* artificial air target, carrying special payloads in modular nose cone
- *Application:* simulation of target for air defence weapon systems in training and live fire exercise or on the battlefield to reveal enemy's radar positions
- *Targeting aims:* Luneberg lens, LASER reflective foil, upto four one minute type flares or maximum two pieces of two minute type flares
- *Action radius:* maximum 40-60 km (total route)
- *Endurance:* 30-40 minutes
- *Weight of the payload including fuel:* 4 kg
- *Max altitude:* 2-3 km
- *Flying velocity:* maximum 130-140 km/h, nominally 100 km/h (depends on the win)
- *Wing span:* 2.7 m
- *Length:* 1.8 m
- *Empty weight:* 11 kg
- *Propellant:* internal combustion engine, volume 30 cubic cm
- *Fuel:* methanol, castor oil and additives
- *Control:* PCM RC, GPS based autopilot system with infrared flight stabilisation system and optional video transmission
- *Take off:* catapult with winch
- *Landing:* special reinforced skid
- *Wind speed limit:* 40 km/h
- *Weather condition:* all European weather conditions, except heavy rain, snow or fog and fully covered sky by clouds