

# PALLEDRONE

TACTICAL MULTI-USE DRONE

# ROTOR X



[www.rotor-x.us](http://www.rotor-x.us)

# PALLEDRONE EX



## Versatile, easy to use

- 150 lbs/68 kg maximum payload
- 205 mi/330 km maximum range
- VTOL
- Autonomous functionality

## Durable

- Flies with 1 or 2 motors destroyed/disabled
- Small arms fire resistant
- Impact resistant and modular for quick, in-field repairs

### Battery Powered

100 lbs/45 kg @ 5 mi/8 km,  
10 lbs/4.5 kg @ 20 mi/30 km

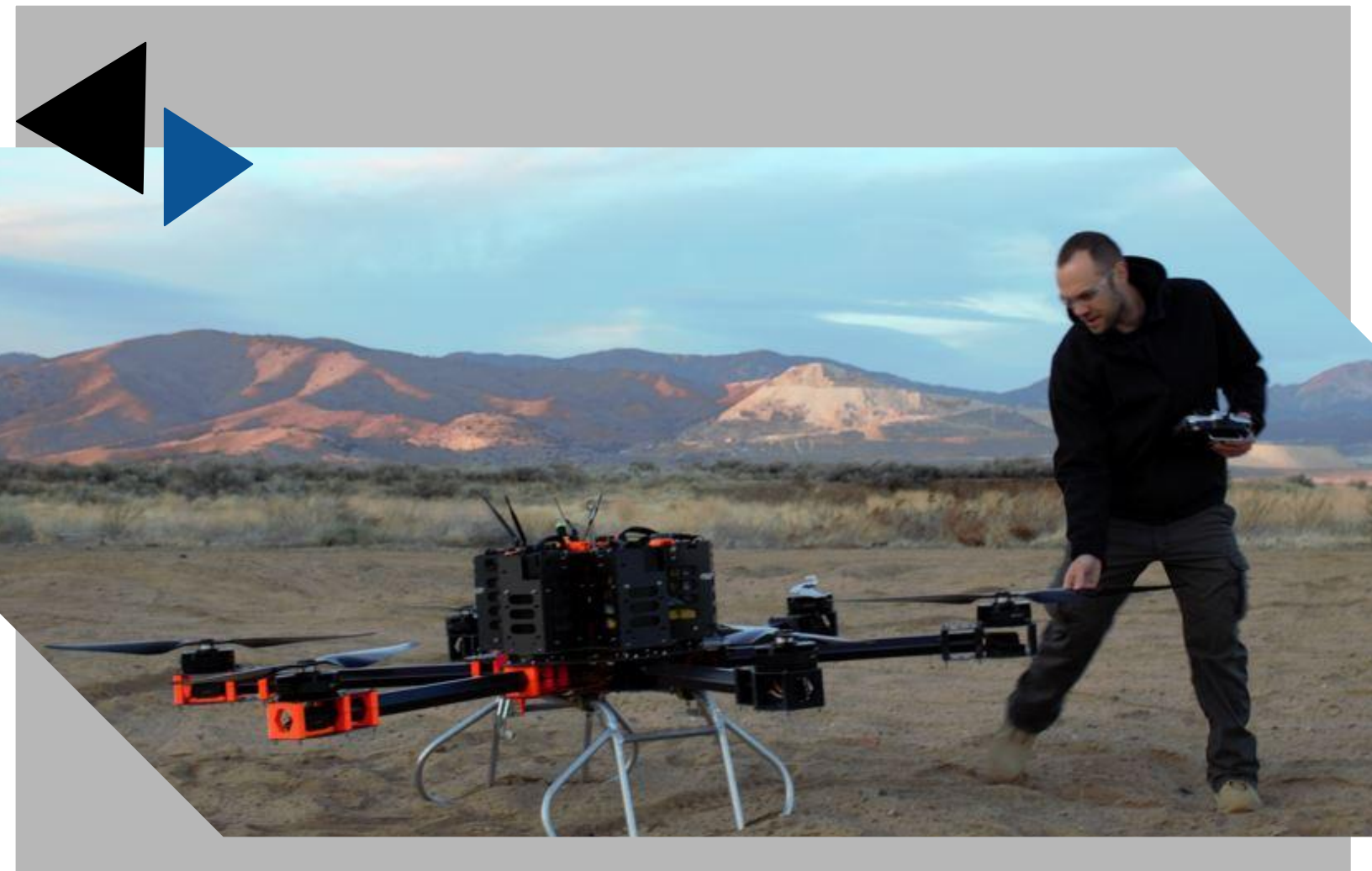
### Liquid Fuel Powered

100 lbs/45 kg @ 30 mi/48 km  
10 lbs/4.5 kg @ 205 mi/330 km

# PALLEDRONE EX

## Tactical Resupply

- 30 mile range with 100 lbs load
- Quick assembly: box to operational in 7 minutes
- Autonomous release of payload
- BVLOS encrypted communications
- Footprint within 12'x12'
- ISR capable (thermal, electro-optical)



# PALLEDRONE MGK

## Squad-Attached Air Support

- Easy integration of common belt fed machine gun
- Ability to drop small items (tear gas, grenades, markers)
- Ability to drop larger items (smoke pots, electronics)
- Ability to mark targets
- Ability to aim weapon while BVLOS



- ISR: multiple sensor pods, laser marker/targeting pods
- Precision target engagement using Direct Force Control for multi-target gimbaled/gimbal-less laser designation
- Gimbal-less direct and indirect fire:
  - 7.62 mm machine gun (e.g. M60 x 1,500 rounds)
  - Automatic grenade launcher (e.g. Mk47 x 60 rounds)
  - Rocket pod (e.g. Hydra x 6)
  - Smoke pot (e.g. M4A2 x2)
  - Loitering munition/mothership
    - 12 x Switchblade 300
    - 2 x Switchblade 600
    - 1 x loitering munition with up to 100-150 lbs (warhead roughly equivalent to AGM-65)