



## On the cover



44 An artist's impression of Northrop Grumman's MO-4C Triton. This month DR examines the utility that long-endurance JASs are set to bring to militaries.

Northrop Grumman: 1682864

## News

## Weapons & Equipment

- MH-60R/S life-extension, upgrades await funding
- US Missile Defense Agency aims for high-power laser tests in 2021
- Details emerge of North Korean C4I systems Ovod-R enhances RPG-7 precision
- Katfish synthetic aperture sonar completes first sea trials
- 10 USMC's Target Handoff System 2 enters IOC
- 12 Practika details Otaman upgrade
- 14 Scania selected for multiple European programmes

#### Missiles & Rockets

- 16 MBDA readles Enforcer for moving target, air-burst trials
- 17 FMV orders new anti-ship missile for Swedish armed forces
- 18 SM-2 acquisition a priority for Denmark UK, France sign off FC/ASW concept phase
- 19 USN reveals solid-fuel ramjet testing to meet strike needs
- 20 US Army resumes Javelin FGM-148F development testing
- 21 BAE Systems to begin Brimstone firing trials with Typhoon

### Unmanned Systems

22 NRL furthers Flying Sea Glider effort MILREM up-guns THeMIS with Protector weapon station

- 23 US Army advances Robotic Wingman effort Black Hornet 3 nano UAV under development
- 24 DARPA awards Phase 2 contracts for Gremlins programme
- 25 X-Plane completes initial demonstations, full-scale flight scheduled for 2018

#### Cyber

- 26 Raytheon looks to cyber intrusion detection system for pilots
- 27 DARPA to develop 'semantic engine' to mine open-source, multimedia data

## Special reports

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- 30 In search of cyber warriors
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- Germany orders enhanced BOZ-pods for Tornados
- MKEK develops new
- Norway boos

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