



MILITARY TECHNOLOGY

Preparations for War ... Again..... 2
Dennis-P. Merklingshaus

Opinion

Dreaming About a European Fighter 4
Marco Giulio Barone

Industrial Focus..... 5
MONS Gear Box..... 14

Topics

- **Sky Fighters: Tomorrow's most important combat aircraft**..... 16
Jon Lake
- **Annual Ballistic Missile Defence Review: It Takes the Entire Ballistic Missile Defence Enterprise** 24
Marty Kauchak

Features

- **Cruise Missiles Strike over Syria – Again** 29
Tomas Chlebecek
- **Air-to-Air and Air-to-Ground Weapons Development**..... 33
Jon Lake
- **Airborne Ground Surveillance Aircraft** 38
Jon Lake
- **The Lift Shift: Transport Realigns: Transport Aircraft Review** 43
Olaf Ladegast
- **Good Listeners: Special Mission Aircraft Overview** 48
Thomas Withington
- **RAAF Experience with Super HORNET**..... 52
Interview with Royal Australian Air Force (RAAF) Group Captain Glen Braz, Commanding Officer of 82 Wing
- **Resolute Support and Readiness Initiative Making Progress**..... 58
Dr. Theo Benien



Spotlight on NORDEFCO

- **Swedish Defence** 59
Peter Donaldson
- **Defence For and From Finland** 62
Robert Czulda
- **Norwegian Defence**..... 64
Tim Fish
- **Danish Armed Forces Update**..... 67
Andrew White
- **How to Do Business in the Great North**..... 69
Brian Kindamo



Company Snapshots

The 3-2-1 Interview 42
Interview with Hugh Griffiths, Inzpire's CEO

Looking Closely at MAK Group 57
Thomas Withington

Weapon Systems Features

CAE's MAD-XR - A small sensor packing great capability..... 55
Juan Atavega

Unmanned Feature

Silent Guardians..... 72
Brian Kindamo

C5I Forum

- **Final Warning: Ballistic Missile Defence Radar Overview** 75
Thomas Withington
- **Vigilant Hunters: Advanced Radar for Ballistic Missile Defence** . 78
Brian Kindamo

From the Bridge

Turkish Defence and Aerospace Industry News Roundup 82
Dispatch from the Tactical Communications World 84
News..... 71, 87
Military Component Market Overview 86
Epilogue 88

Cover

Embraer expects its first KC-390 transport aircraft to be delivered to the Brazilian Air Force in the fourth quarter of 2018. Next to Brazil, the Portuguese government opened negotiations with Embraer to buy five KC-390s with an option for a sixth, but talks remain ongoing. Portugal's acquisition plans call for receiving the first KC-390 in 2021. (Photo: Embraer)

Small inserts on cover depict: Four new RAF F-35 LIGHTNING stealth fighter jets landed in the UK beginning of June (Photo copyright Crown); Swedish forces training during their annual SWENEX exercise (this iteration forced on the coast of Gotland Island) (Photo: Forsvarsmakten); and ARLEIGH BURKE-class guided-missile destroyer USS THE SULLIVANS (DDG 68) launching a SM-2 in the Virginia Capes operating area as part of an exercise to test the ship's ability to defend against a close-in aerial attack. (Photo: US Navy)

Small insert in contents shows an F-35B LIGHTNING II preparing to land aboard the amphibious assault ship USS WASP (LHD 1) off the coast of Okinawa, Japan. (Photo: USMC/Lance Cpl. Amy Phan)

Index of Advertisers

Acrylic WiFi 7
Amphenol - Air LB 21
Bofors Test Center AB 35
Embraer 44 - 45
Eurofighter Jagdflugzeug GmbH 4th cover
FLIR Systems, Inc. 2nd cover
FMV - Försvarets Materielverk 59
Leonardo 39
L3 WESCAM 3
Megitt Training Systems 31
MTU Turbomeca Rolls-Royce GmbH 19
Prvni Brnenska Strojirna Velká Bites A.S. 22
RUAG Schweiz AG 13
SAAB AB 61
W. L. Gore & Associates, Inc. 9