**CONTENTS 7/2018**

**4 Information**

 Change in Pardubice CLV - Enstrom 480 is replacing Mi-2s and the other news in the fields of air forces, air services, air transport, industry and astronautics

**12 Record holder on Mars stopped short**

 Will Opportunity robot call again after a sand storm?

**14 Mangusta on two fronts**

Italian AW129 combat helicopter

**20 Czech aviation industry needs integration project**

 New projects are essential, said Jan Kašpar, director of theResearch and Test Institute (VZLÚ)

**23 Prague-Ruzyně airport**

A structure of Century?

**24 How to load a helicopter in the C-17A**

 Czech air force Mi-171Sh in theUSAF Globemaster III

**26 German plans to rearm the Luftwaffe**

 New types to be selected

**32 Aircraft 39-45**

 Bell XP-77 – American experimental light-weight wooden fighter

**34 Airliner loading and weight balancing**

 The right centre of gravity position is an essentialcondition for flight safety

**36 The third generation Pampa**

 Development of Argentine jet trainer continues

**40 La Aviadora Božena Laglerová**

 A story of the first Czech woman pilot

**44 Veterans**

Boomerang from Netherlands

**46 A probe that shall touch the Sun**

The PSP – Parker Sun Probe introduced

**48 Greek Deltas**

Tanagra base and Mirage 2000s

**52 You have asked**

 Racing sportsplane helped to develop Northrop AX attack project

**53 The twenty-eighth Aviation fair**

 This year Pardubice show reported

**54 Vickers Viscount – In the mark of jubilee**

British successful turboprop airliner remembered

**58 The Lynx slowly departs**

 The well-known helicopter to be withdrawn from British Armysevice

**62 Aircraft 14-18**

 Curtiss Model 18T Wasp – American two-seat fighter and post-war racer

**64 Chuguyevsk brooder**

 **T**raining of Ukraine military pilots

**68 In the F-16 cockpit over Iraq**

Former USAF pilot Nate “Buster” Jaros told his story

**70 Recollection of Fobos programme**

 A swan-song of Soviet cosmonautics

**73 Space objects launched and decayed**

 May 2018 space activities surveyed

**74 C-5M Super Galaxy almost completed**

 Extensively modified USAF transport analysed

**78 333 space days**

 Russian cosmonaut Vladimir Afanasyevich Lyakhov passedaway (1941-2018)

**81 What’s the news**

 Russian Helicopters VRT500

**81 From archives**

 Breguet Gyroplane G111

**82 Monograph**

 La Hispano Aviación HA-200 Saeta, Ha-220 Super Saeta – Spanish jet trainer and light attack plane (Part I)

**90 Our review**

 We introduce latest aviation titles