













# CONTENTS Issue No 47

#### **3 EDITOR'S LETTER**

## **6** AIR CORRESPONDENCE

## **10 DEAL OF THE CENTURY?**

Professor Keith Hayward FRAeS uses the available contemporary official documents to piece together the political backdrop to the aviation aspects of the UK's AI-Yamamah military sales programme to Saudi Arabia

#### **20 PRIDE OF THE SQUADRON**

In March 1944 RAAF Hampden pilot Jimmy Catanach was one of 50 airmen murdered by the Gestapo during the Great Escape. Kristen Alexander chronicles the flying life and shocking death of this cheerful and popular Australian

#### **32 AMERICA'S WHIRLYBIRD AIRLINES Pt 2**

In the concluding half of his series on the USA's rotarywing airlines, David H. Stringer describes the slow but perhaps inevitable decline of the whirlybird operators

#### **44 SURE FIRE**

Continuing our series on British aerial weapons, master illustrator Ian Bott joins forces with armament specialist Mark Russell to describe the development and operation of the ubiquitous Lewis Automatic Machine-Gun

#### **56 PUTTING ON A SHOW (NAVY-STYLE)**

The late Cdr John Ford recalls coming off a carrier tour only to be tasked with organising a Supermarine Scimitar formation aerobatic display team for the 1961 season

#### **62 COLLISION COURSE**

The coming together of a Trans-Australia Airlines 727 and CP Air DC-8 at Sydney in January 1971 raised some difficult legal questions about cockpit voice recorders at a crucial time in their development, relates Dr Peter Hobbins

#### **72 GUIDE & SEEK**

Although too late to see action in the Second World War, the USAF's *Razon* and *Tarzon* radio-guided bombs were used operationally — and successfully — during the Korean conflict, as Michael Napier explains

#### **80 THE SHAH'S URANIUM EXPLORERS**

Iranian aviation historian Babak Taghvaee takes a look at the fixed- and rotary-wing aircraft used for uranium exploration for Iran's pre-revolution nuclear programme

#### 86 MR ARMSTRONG'S STEPPING STONES Pt 1

Ralph Pegram opens a two-part series on Canadian-born inventor Edward Armstrong's ambitious inter-war scheme to develop a chain of "Seadromes" across the Atlantic

#### **96 PUSHING THE ENVELOPE: STURGEON & WYVERN**

Our series based on a set of flight-test reports written by the pilots of the Royal Aircraft Establishment's Aero Flight and presented verbatim continues with carrier trials of the Short Sturgeon I and Eagle-engined Westland Wyvern TF.1

## 104 METAMORPHOSIS Pt 2

Graham Skillen concludes his two-part series on the transition of the Miles Aerovan into the Shorts Skyvan

#### **116 ARMCHAIR AVIATION**

## 121 LOST & FOUND

## **122 TOUCHING THE SECRET**

Colonel John W. Zink recalls his hush-hush posting to the "white world" of Nellis to participate in the flight test programme of the Lockheed F-117A Nighthawk in 1985

## **130 OFF THE BEATEN TRACK**