

**10****104****122****20****86****76****60**

# CONTENTS Issue No 37

## 3 EDITOR'S LETTER

## 6 AIR CORRESPONDENCE

### 10 OUT OF THE ASHES

Professor Keith Hayward FRAeS turns his attention to the political dynamics behind the development of the Panavia MRCA, the international effort that would become Tornado

### 20 LAST DAYS OF THE CANNON BIRDS

The Junkers Ju 87G was designed specifically to counter Soviet tanks on the Eastern Front — but by April 1945 it was too little, too late, as Dr Andrew Arthy relates

### 30 HUNTER 80 Pt 2: THE AGM-65B MAVERICK

Concluding his two-part series on Switzerland's "Hunter 80" upgrade programme, Peter Lewis takes a look at the venerable Hawker fighter's rearming with the Maverick air-to-ground missile, including a stunning photo-foldout

### 42 ACES HIGH

Technical illustrator and aero-engine specialist Ugo Vicenzi chronicles the history of Italian manufacturer Isotta Fraschini's ubiquitous Asso series of "modular" engines

### 52 RHODESIA'S BUSH EAGLES

Guy Ellis opens a two-part series on the fascinating activities of the British South Africa Police Reserve Air Wing, staffed by civilians flying privately-owned aircraft

### 60 BRINGING AFRICA TOGETHER Pt 1

Airline historian Maurice Wickstead charts the genesis and early years of Ethiopian Air Lines, which in partnership with TWA created one of Africa's most successful carriers

### 70 FAR-FLUNG FLYCATCHER

In 1929 a sole example of the Fairey Flycatcher naval biplane was sent to Argentina for trials; Ricardo M. Lezon and Matthew Willis use newly found documents to fill in the details of this little-known Latin American adventure

### 76 AMERICAN AVIATORS IN JAPAN Pt 2

In the second of his two articles on American aviation pioneers in Japan, Edward M. Young focuses the spotlight on Art Smith, Katherine Stinson and Frank Champion

### 86 SWEDEN'S CARIBBEAN CONNECTION

In the mid-1950s Sweden became an important supplier of both expertise and flying hardware to the Dominican Republic's fledgling air arm, as Leif Hellström explains

### 98 SHORT'S EMPIRE LANDPLANE

Famous for its iconic series of pre-war flying-boats, Short Bros, led by designer Arthur Gouge, also designed a landplane airliner; Ralph Pegram investigates the S.32

### 104 WINGS OVER BAGHDAD

Established as a British-mandated territory in 1920, Iraq quickly set about developing its own air power; Lennart Andersson surveys the first two decades of the Royal Iraqi Air Force, obliged to "buy British" (but didn't always . . .)

### 116 ARMCHAIR AVIATION

### 121 LOST & FOUND

### 122 AUGUSTO SEVERO: CONQUEROR OF THE WINDS

Captivated by birdflight and inspired by the advances being made by pioneers of lighter-than-air flying in France, Brazilian Augusto Severo became determined to make a success of his semi-rigid airship designs or die trying; sadly, it was the latter, as Rodrigo Mouri Visoni relates

### 130 OFF THE BEATEN TRACK