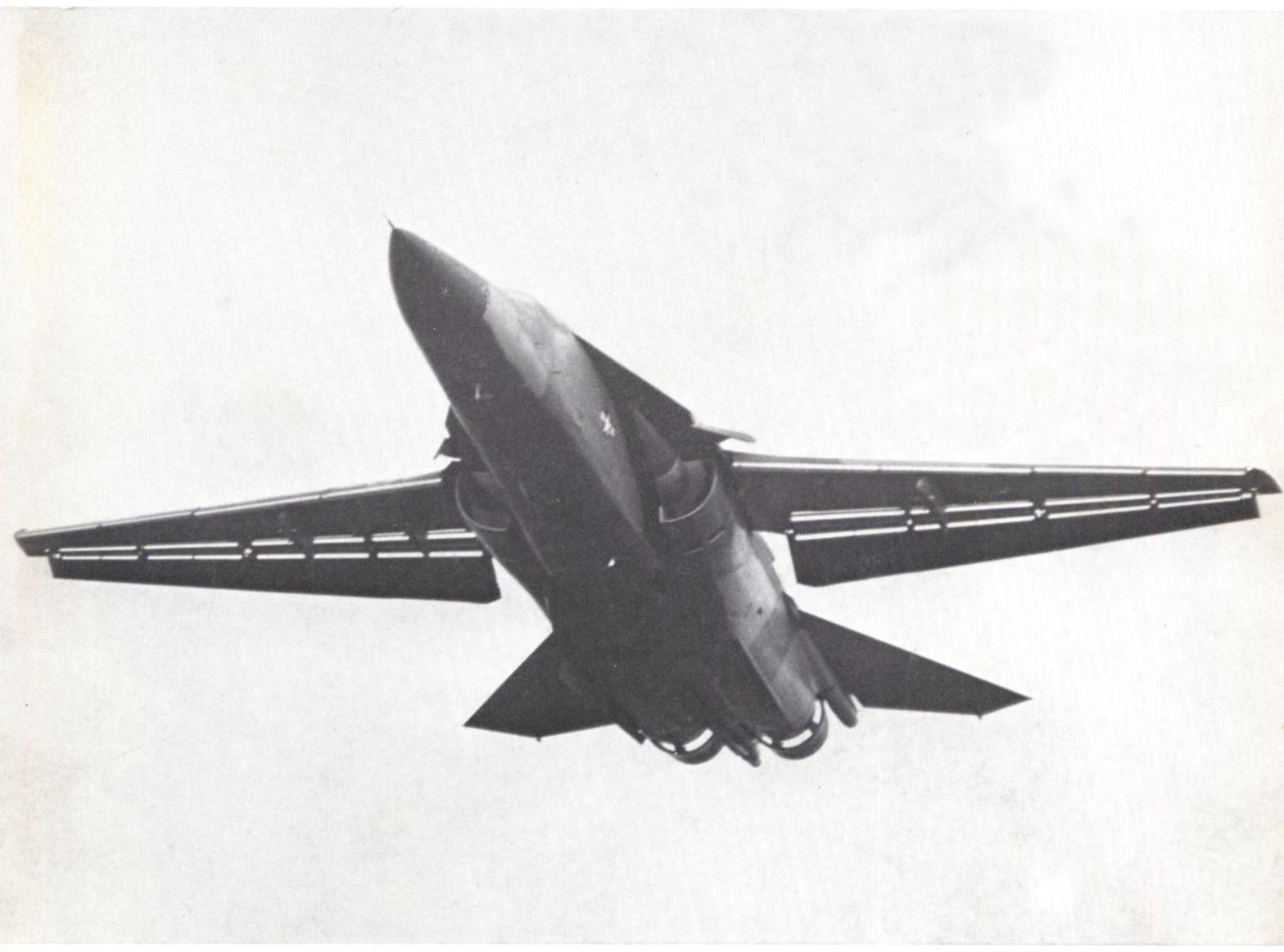




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contents

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Cover picture:

An accident to a USAF Tactical Air Command F-111A swing-wing fighter-bomber occurred in December 1969 during a training mission from Nellis Air Force Base in California. Although loading on the aircraft at the time was well below design limits the left wing became detached in flight. This precipitated an investigation, the findings of which led to an unprecedented proof test and non-destructive inspection of all existing General Dynamics F-111 aircraft. In an important paper in this issue W. D. Buntin, supervisor of the Fort Worth Fatigue and Fracture Analysis Group, outlines how this colossal task was undertaken. The complexity of the F-111 wing design is apparent in our picture which shows one of these aircraft in the low speed flight configuration.

Diary and Notices	ix
Branch meetings and Lecture Summaries	x
W. D. Buntin CONCEPT AND CONDUCT OF PROOF TEST OF F-111 PRODUCTION AIRCRAFT	587
P. Lloyd THE AEROPLANE AS A THREAT TO THE ENVIRONMENT	599
E. C. Simpson SCAR TISSUE AND AIRCRAFT PROPULSION DEVELOPMENT	607
TECHNICAL NOTES	
G. B. Bolland The flexibility matrix for an "exact" torsion-bending finite element	613
Dr. M. R. Head Weighing pressures—a simple micromanometer	615
G. J. Hancock The induced drag on a rolling wing	617
Library, Reviews and Reports	621
Council	625
List of Test Pilots Group reprints	626
SUPPLEMENTARY PAPERS	
E. A. White and G. L. Wilde Civil engines for V/STOL	627

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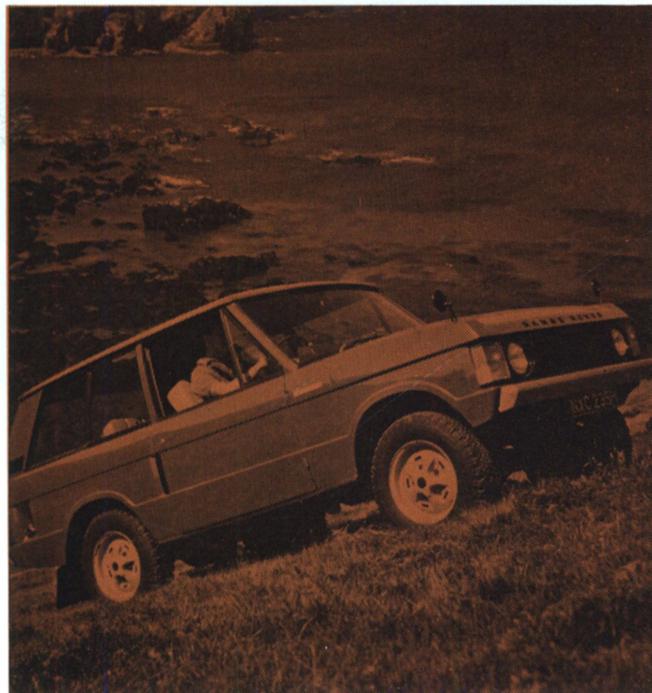
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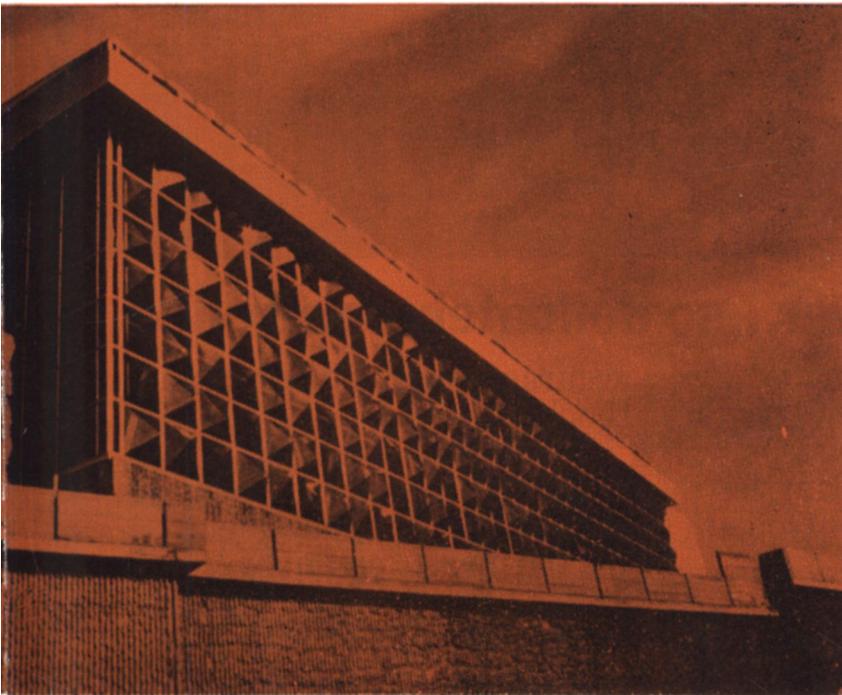
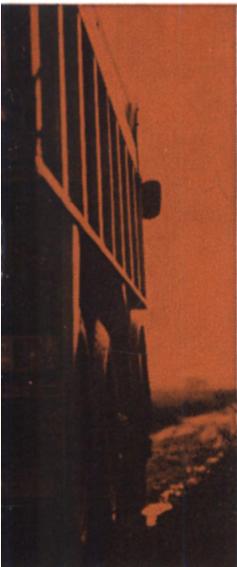
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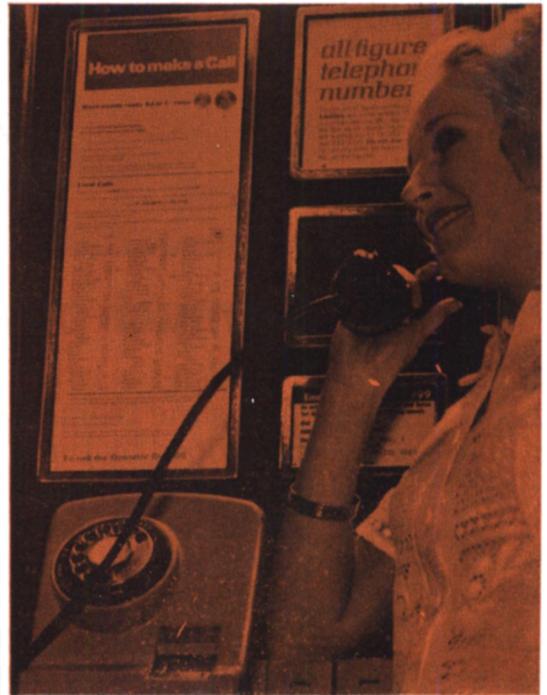
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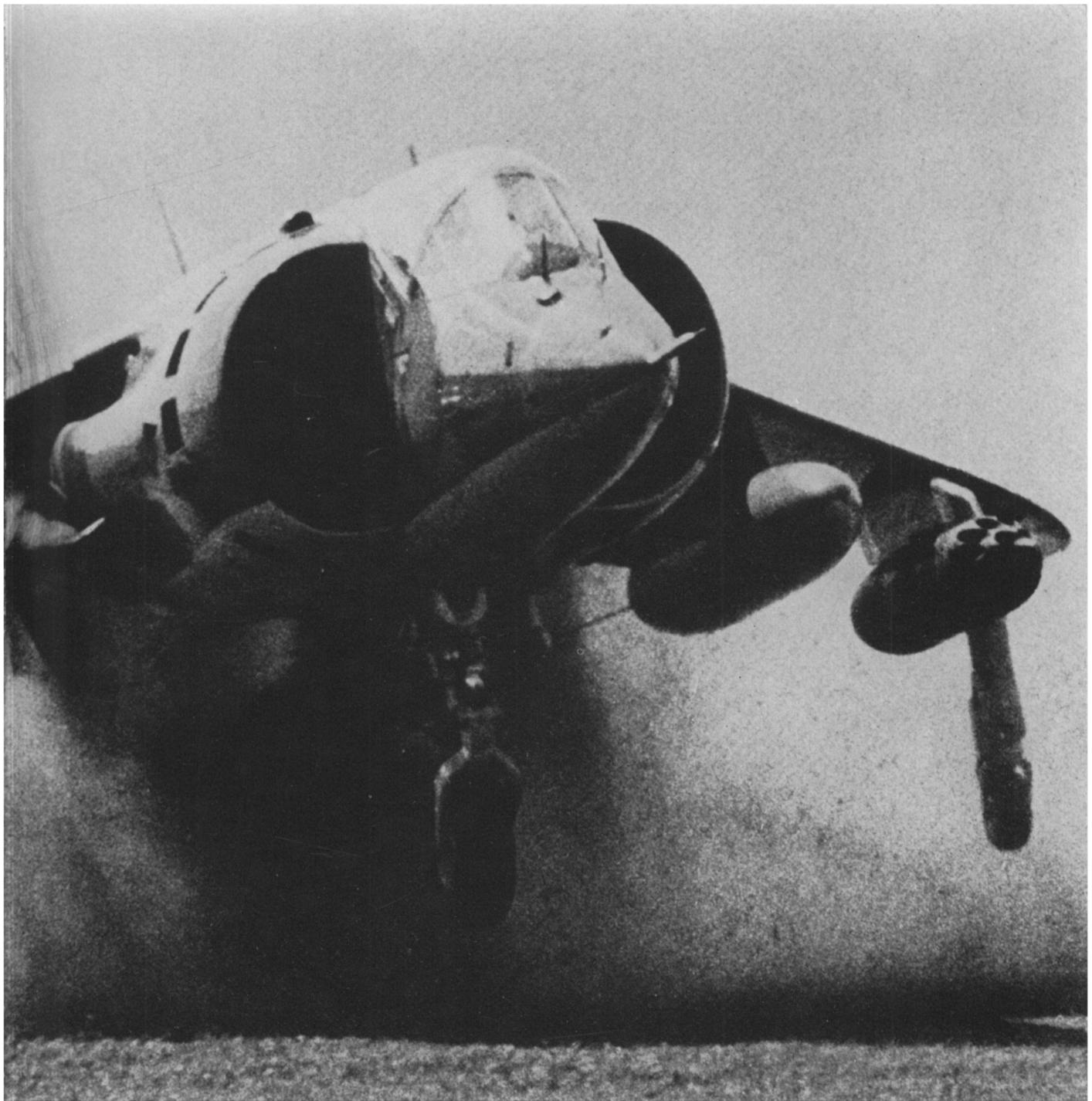


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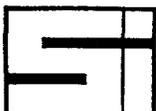
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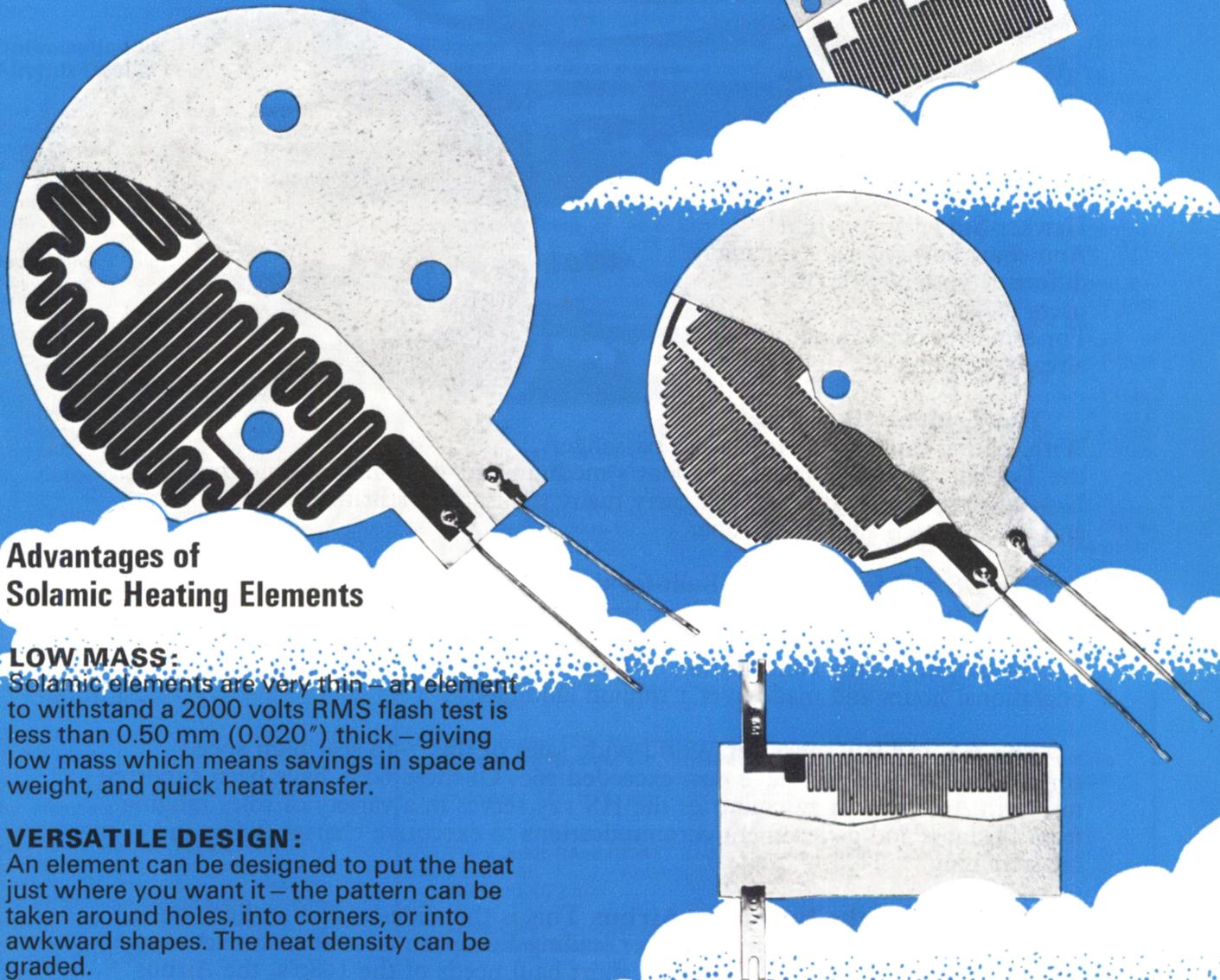
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