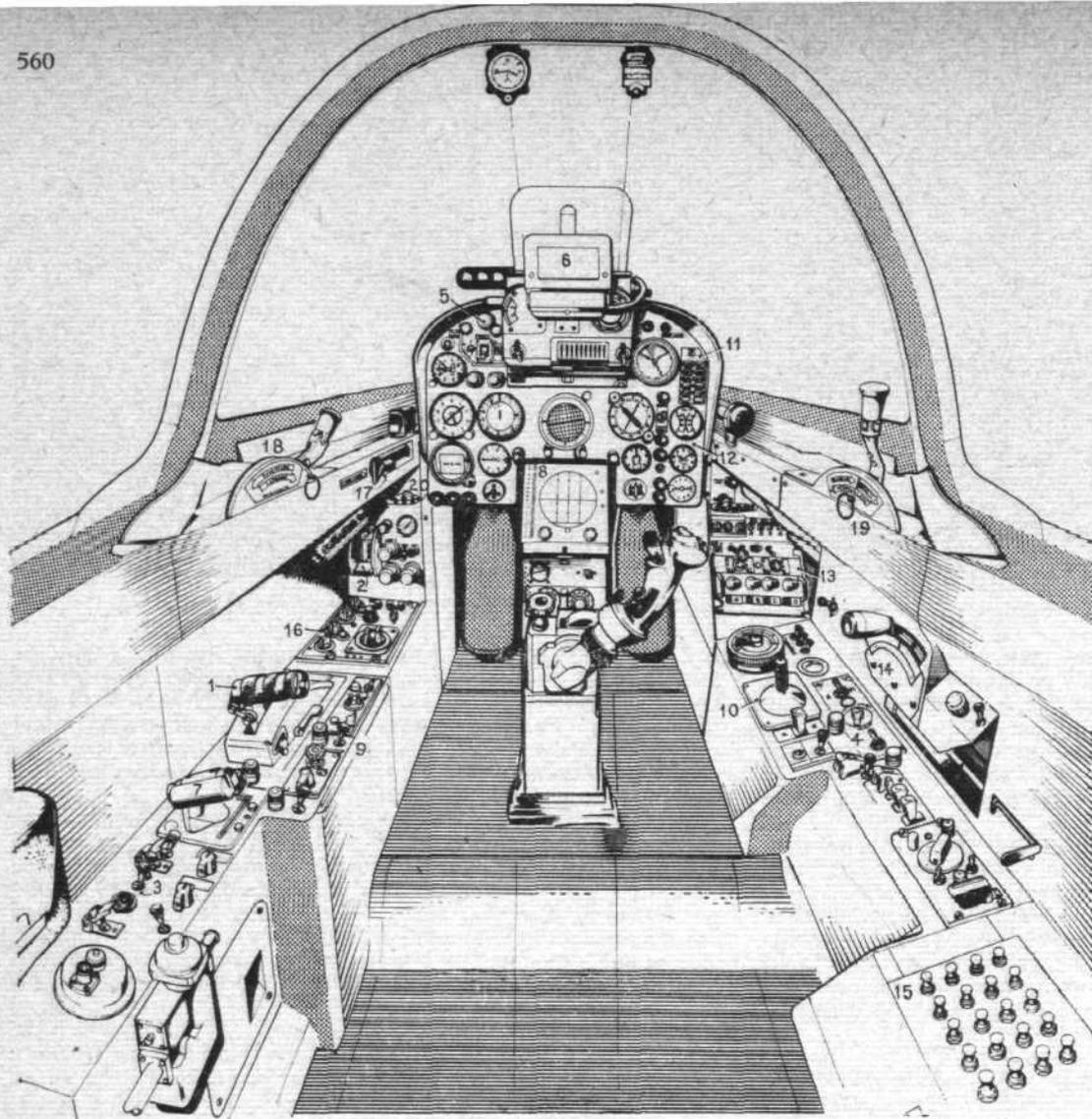
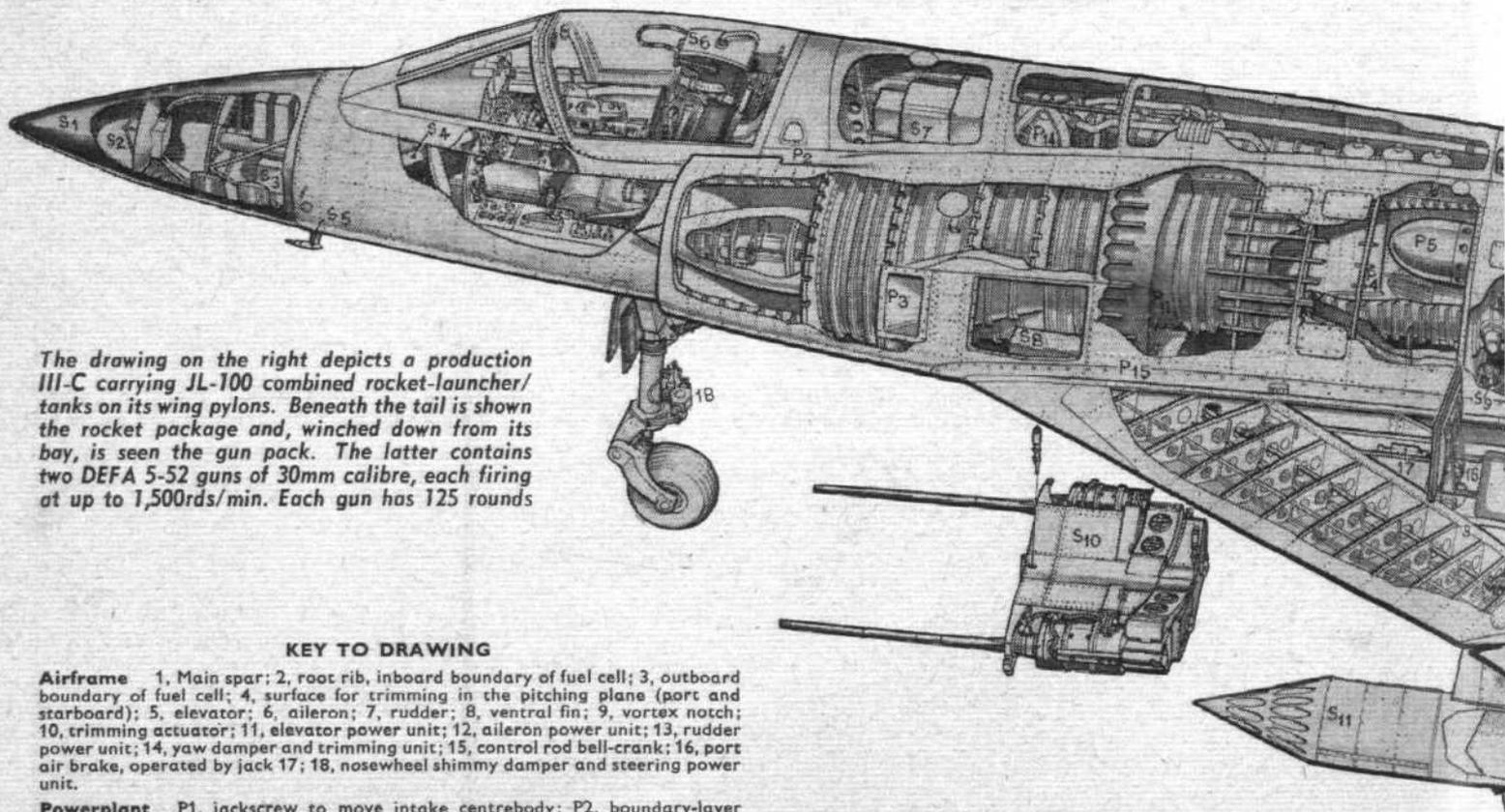


# MIRAGE . . .



Some of the elegant simplicity of the Mirage cockpit is evident from the view on the left. Although an exceptionally small aeroplane its cockpit is roomy and the pilot sits in a Martin-Baker Mk 4 seat. Noteworthy instruments are the SFIM spherical-display horizon (invaluable for roll-out from an almost vertical climb) and the small standby horizon. Other items are: 1, power lever; 2, undercarriage; 3, engine starting; 4, weapon selection; 5, rocket control; 6, CSF Sadir sight; 7, radar control; 8, radar display; 9, trim panel; 10, command-guidance joystick for AA.20 or AS.30 missile; 11, centralized warning panel; 12, engine instruments; 13, radio compass; 14, air conditioning; 15, circuit breakers; 16, UHF; 17, canopy jettison; 18, drag-chute; 19, canopy up/down/lock control lever



The drawing on the right depicts a production III-C carrying JL-100 combined rocket-launcher/tanks on its wing pylons. Beneath the tail is shown the rocket package and, winched down from its bay, is seen the gun pack. The latter contains two DEFA 5-52 guns of 30mm calibre, each firing at up to 1,500 rds/min. Each gun has 125 rounds

### KEY TO DRAWING

**Airframe** 1, Main spar; 2, root rib, inboard boundary of fuel cell; 3, outboard boundary of fuel cell; 4, surface for trimming in the pitching plane (port and starboard); 5, elevator; 6, aileron; 7, rudder; 8, ventral fin; 9, vortex notch; 10, trimming actuator; 11, elevator power unit; 12, aileron power unit; 13, rudder power unit; 14, yaw damper and trimming unit; 15, control rod bell-crank; 16, port air brake, operated by jack 17; 18, nosewheel shimmy damper and steering power unit.

**Powerplant** P1, jackscrew to move intake centreboddy; P2, boundary-layer discharge (above and below); P3, supplementary inlet for slow speeds and ground running; P4, trailing edge of intake bifurcation; P5, intake bullet movable for Mach numbers; P6, cooling-air intake; P7, accessory drive shaft; P8, engine-mounting trunnion; P9, rear-suspension swinging link; P10, nozzle upper eyelid; P11, main fuselage tanks, 2x55gal and 2x60.5gal; P12, rear fuselage tank, 83.6gal kerosene, replaceable by P18; P13, integral wing tanks, 2x117.7gal; P14, negative-g accumulator; P15, location of TX-11 Furaline tank (32gal), replacing S10; P16, rocket turbopump drive (93 h.p. at 5,070 r.p.m.); P17, turbopump group; P18, tank for 69gal nitric acid, replacing P12; P19, fixed rocket-motor chamber; P20, drain vent.

**Systems** S1, erosion-resistant radome; S2, stabilized search/lock-on scanner; S3, CSF Cyrano radar for navigation, contour and ground mapping, interception, weapon guidance (optional) and air/ground delivery; S4, radar presentation unit (see cockpit drawing); S5, pressure head; S6, Martin-Baker Mk AM.4 seat; S7, UHF radio and other electronics; S8, main electric equipment; S9, master reference gyro; S10, gun pack; S11, rocket pack (several types) with rear fuel tank; S12, braking-parachute container; S13, structurally isolated UHF aerial.