Key
1 Nose probe with pitch and yaw vanes
2 Nose strakes
3 Flight test equipment bay
4 Cooling ducting for flight-test
equipment bay
5 Generator control
6 Downward-opening access door for
flight-test equipment bay
7 Fuel quantity unit
8 Jet fuel starter controller-ignition
9 Control unit —dual channel
10 Contactor battery disconnect
11 Generator control 5 Kv
12 HADS transducers
13 Batteries
14 Flight control computers (3)
15 Cooling ducting
16 Upwards-opening avionics bay access
door
17 Downwards-opening avionics bay
access door
18 Steerable nosewheel
19 Dual pitot static probe
20 Dual total temperature probe
21 Angle-of-attackvane
22 Static port
23 Emergency canopy jettison D-handle
24 Control column
25 Rudder pedals
26 Fly-by-wire control pick off
27 Port control console
28 Starboard control console

29 Standby compass
30 Canopy lever — shown in raised
position
31 Canopy external lever
32 Utility light
33 Console floodlights
34 Windshield — 24° slope
35 Up and aft opening canopy with four-bar
hinge mechanism
36 Martin Baker GRQ7A ejector seat
37 Secondary heat exchanger
38 ECS (environmental control system)
water separator
39 Ram air intake for ECS
40 Ram air outlet from ECS
41 Ducting from primary heat exchanger
42 Forward fuel tank
43 EPU (emergency power unit)
44 Hydrazine tankfor EPU
45 Canard
46 Canard actuator

47 Accumulator, 105in3

, for canard
48 Intake air duct
49 TACAN antennae
50 UHF/IFF antennae

51 Fuel feed tank
52 Main landing gear from F-16
53 Anti-collision light
54 Main undercarriage door (shown in
closed position)
55 Wing to fuselage pick-up pins
56 Aluminium ribs and spars
57 Titanium front wing spar and inboard rib
58 Composite wing skin
59 Inboard flaperon actuator
60 Inboard ftaperon actuator linkage
61 Three segment aluminium wing flap
62 Inboard aluminium flap tab
63 Centre titanium flap tab
64 Outboard steel flap tab
65 Outboard and centre section ftaperon
actuator

66 Outboard and centre section flaperon
actuator fairing
67 General Electric F404-GE-400 engine
68 Strake fuel tank
69 Jet fuel starter
70 Top engine mount
71 Primary heat exchanger
72 Six-spar fin
73 Composite structure rudder
74 Fuselage to fin pick-up points —4
75 Parachute housing
76 Variable exhaust nozzle
77 Variable exhaust nozzle actuators

78 Strake flap
79 Strake flap actuator
80 Rudder actuator

1564