

# GRIPEN IN DETAIL

1. Gripen C Cockpit
2. Pitot tube
3. Vortex generating strakes
4. Glass-fibre radome
5. Automatic Direction Finder (ADF) Antenna
6. Ericsson PS-05 multi-mode radar
7. Cockpit front pressure bulkhead
8. Yaw vane (Under forward fuselage and out of view)
9. Lower Ultra High Frequency (UHF) antenna (Under forward fuselage and out of view)
10. Incidence vane
11. Formation lighting strip
12. Rudder pedals
13. Windscreen
14. Wide angle Head Up Display (HUD)
15. Cockpit canopy, hinged to port
16. Canopy breaker Miniature Detonating Cord (MDC)
17. Starboard air intake
18. Martin-Baker Mk10L zero-zero ejection seat
19. Cockpit rear pressure bulkhead
20. Engine throttle lever
21. Port side console panel
22. Cockpit section composite skin panelling
23. Nose wheel door with integral taxiing light
24. Retraction actuator
25. Twin-wheel nose undercarriage
26. Hydraulic steering jacks
27. 27 mm gun
28. Port air intake
29. Boundary layer splitter plate
30. Air conditioning system heat exchanger intake duct
31. Avionics equipment compartment, access via nose wheel bay
32. Retractable, telescopic flight refuelling probe
33. Cockpit rear avionics shelf
34. Starboard canard foreplane
35. Global Positioning System (GPS) antenna
36. Fuselage strake, port and starboard
37. Heat exchanger and exhaust ducts
38. Environmental control system equipment for cabin pressurisation and equipment cooling
39. Self sealing fuel tank between intake ducts
40. Canard foreplane hydraulic actuator
41. Refuelling probe hinged door
42. Foreplane hinge mounting trunion
43. Port intake ducting
44. Temperature probe
45. Port navigation light
46. Gun ammunition door
47. Circuit breaker access panel
48. Formation lighting strips
49. Port canard foreplane carbon-fibre composite structure

50. Centre-fuselage aluminium alloy frame structure
51. Aluminium alloy skin panelling
52. Dorsal Very High Frequency (VHF) antenna
53. Optional TACTical Air Navigation (TACAN) antenna
54. Dorsal spine fairing
55. Central fuselage integral fuel tank
56. Port hydraulic reservoir, dual system
57. Wing attachment fuselage main frames
58. Engine compressor intake
59. Identification Friend or Foe (IFF) antenna
60. Wing attachment carbon-fibre composite cover panel
61. Starboard wing integral fuel tank
62. Fuel system piping
63. Leading edge dog-tooth
64. Starboard leading edge two-segment manoeuvring flap
65. Wing tip launcher and Radar Warning Receiver (RWR) antennas
66. Starboard rear position light
67. Starboard outboard elevon
68. Starboard inboard elevon
69. Overwing elevon actuator housing
70. Bleed air spill duct
71. Formation lighting strips
72. Automatic flight control system equipment
73. Fin root attachment joints
74. Rudder hydraulic actuator
75. Carbon-fibre skin panelling with honeycomb substrate
76. Flight control system dynamic pressure sensor
77. Radar warning antenna
78. Fincap UHF/VHF antenna
79. Integrated Landing System (ILS) antenna
80. Strobe light / anti collision beacon
81. Carbon-fibre composite rudder
82. Variable area afterburner nozzle
83. Nozzle control actuator (3)
84. Port airbrake panel, closed
85. Airbrake hydraulic jack
86. Afterburner ducting
87. VolvoAero Corp RM12 afterburning turbofan engine



Original artist:  
S. NILSON

Computer artist:  
PER GUSTAVSSON

88. Auxiliary Power Unit (APU)
89. Ventral airframe-mounted accessory equipment gearbox
90. Titanium wing root attachment fittings
91. Port wing integral fuel tank
92. Multi-spar wing panel primary structure
93. Inboard elevon hydraulic actuator
94. Port inboard elevon
95. Elevon carbon-fibre skin panelling with honeycomb substrate
96. Port outboard elevon
97. Rear quadrant radar warning antenna
98. Wing tip missile launch rail
99. Port forward quadrant radar warning antenna
100. Leading edge manoeuvring flap, outboard segment
101. Wing panel carbon-fibre skin panelling
102. Port wing outboard NATO store compatible pylon

103. Starboard wing outboard NATO store compatible pylon
104. Port mainwheel
105. Leading edge manoeuvring flap, inboard segment
106. Leading edge flap-powered hinge actuator
107. Landing light
108. Main undercarriage leg strut
109. Hydraulic retraction jack
110. Leading edge operating torque shaft from central drive motor
111. Mainwheel leg drag/breaker strut
112. Fixed inboard leading edge segment
113. Mainwheel door, closed after cycling of undercarriage
114. Port wing inboard "wet" NATO store compatible pylon
115. Starboard wing inboard "wet" NATO store compatible pylon